



02001000800000

General Information**1-10 STATE**

Data Source:	PI	IC:	
API:	02001000800000	County:	APACHE
State:	ARIZONA	Operator:	EASTERN PET CORP
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (D)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	GAS
Status:	D&A-G	Hole Direction:	VERTICAL
Permit:	on May 22, 1959	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	COCONINO
Projected TD:		Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		
IP Summary:			
Oil:	Gas:	Water:	Top Form:

Location

Section, Twp., Range:	10 19N 26E	Data Source:	PI
Spot Code:	C NE NE		
Footage NS EW Origin:	660 FNL 660 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0659910 -109.5605092	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	A
Spud:	Jun 01, 1959	TD Date:	
TD:	1,035 FT	PlugBack Depth:	998 FT
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	5,743 FT
Ref. Elevation:	5,743 FT KB	LTD:	995 FT
Ground Elevation:			
Contractor:	NOT REPORTED	Final Drilling:	
Completed:	Jun 08, 1959	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Initial Potential Tests

IP: 1	Data Source: DEI	Top Formation Code:	
Top Formation Name:		Base Formation Code:	
Base Formation Name:		Condensate:	
Oil:		Water:	
Gas:		Method:	
Interval:	-	Choke:	
Duration of Test:	Hours	GOR:	
Oil Gravity:		Cond Ratio:	
Cond Gravity:			
Remarks on IP Test	Data Source: PI 150 MCFGPD 13/16 ck		

Drill Stem Tests

DST: 001	Data Source:	PI
Show:	Formation:	COCONINO

Interval:	973 - 980	MISRUN	BHT:	
Choke: Top:			Bottom:	
DST: 002			Data Source:	PI
Show:	S		Formation:	COCONINO
Interval:	972 - 980	MISRUN	BHT:	
Choke: Top:			Bottom:	
DST: 1			Data Source:	DEI
Show:			Formation:	
Interval:	-		BHT:	
Choke: Top:			Bottom:	
Dst Test Remark	IHP : 00488 FHP : 00488 BHT : 00000 FmRw: 00000			
DST: 3			Data Source:	DEI
Show:			Formation:	
Interval:	-		BHT:	
Choke: Top:			Bottom:	
Dst Test Remark	IHP : 00476 FHP : 00463 BHT : 00000 FmRw: 00000			

Pipe Recovery

Test	Data Source	Recovery	Type	Rec Method
001	PI	3 FT	M	PIPE
002	PI	20 FT	GCM	PIPE

Pressure and Time

Test	Data Source	Init	Hydro Final	Init	Init Flow Final	Init	Final Flow Final	Init	Shutin Final	Init	Open Time Final	Init	Shutin Time Final
001	PI	488	488	4	4			40	5	120		30	30
002	PI	476	463	16	18			230	12	100		30	30

Cores

CORE ID: 001

Formation:	501MNKP MOENKOPI	Data Source:	PI
Interval:	974-1000	Rec:	26 FT
Core Type:	CONV	Show Type:	
Description:	26 SANDSTONE, BUFF, FINE TO MEDIUM GRAINED, SUBROUND TO SUBANGULAR, FRIABLE, SOME THIN LIGHT GREEN SHALE STREAKS INTERCALATED IN THE SAND FROM 976 TO 978 VERTICAL FRACS FROM 981 TO 988 APPEARS BT TASTING TO BE A SALT WATER LEVEL AT 989		

CORE ID: 002

Formation:		Data Source:	DEI
Interval:	-	Rec:	
Core Type:		Show Type:	WET

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	8 5/8 IN	98 FT	50 SACK
CASING	PI	4 1/2 IN	1,024 FT	100 SACK

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
503CHNL	PI	CHINLE	699				LOG		503
503SRMP	PI	SHINARUMP	817				LOG		503
501MNKP	PI	MOENKOPI	831				LOG		501
452CCNN	PI	COCONINO	972				LOG		452

Logs

Log	Data Source	Type	Top Depth	Base Depth	Logging Co.	BHT	since circ.
1	PI	EL					
2	PI	ML					

Dwights Energydata Narrative

Accumulated through 1997

Data Source	Type	Nbr	Remark
DEI	IP	1	150 MCFGPD 13/16 ck
Data Source	Type	Nbr	Remark
DEI	DST	1	IHP : 00488 FHP : 00488 BHT : 00000 FmRw: 00000
DEI	DST	3	IHP : 00476 FHP : 00463 BHT : 00000 FmRw: 00000
Data Source	Type	Nbr	Remark
DEI	Cores	002	#1 974- 1000
DEI	Cores	002	Cut 25 rec 26 26 Sandstone, buff, fine to medium
DEI	Cores	002	grained, subround to subangular, friable, some thin light green shale
DEI	Cores	002	streaks intercalated in the sand from 976 to 978. Vertical fractur
DEI	Cores	002	from 981 to 988. Appears by tasting to be a salt water level at 989 ft.

02001000800001

General Information

1 KRUGLICH-FLETCHER

Data Source:	PI	IC:	
API:	02001000800001	County:	APACHE
State:	ARIZONA	Operator:	EASTERN PET CORP
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-HELIUM (DH)
Initial Class:	DEVELOPMENT RECOMPLETION (D X)	Target Objective:	
Status:	HELW	Hole Direction:	VERTICAL
Permit:	on Dec 22, 1959	Abandonment Date:	
First Report Date:	Mar 15, 1986	Projected Formation:	
Projected TD:	2,500 FT	Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		
IP Summary:			
Oil:	Gas: 89 MCFD	Water:	Top Form: COCONINO

Location

Section, Twp., Range:	10 19N 26E	Data Source:	PI
Spot Code:	C NE NE		
Footage NS EW Origin:	660 FNL 660 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0659910 -109.5605092	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	E
Spud:	Jan 01, 1960	TD Date:	
TD:	1,035 FT	PlugBack Depth:	998 FT
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:		LTD:	
Ground Elevation:	5,742 FT EG		
Contractor:		Final Drilling:	
Completed:	Sep 21, 1960	Rig #:	
Rig Release Date:			
Tool:			

Initial Potential Tests

IP: 001	Data Source: PI		
Top Formation Name:	COCONINO	Top Formation Code:	452CCNN
Base Formation Name:	COCONINO	Base Formation Code:	452CCNN
Oil:		Condensate:	
Gas:	89 MCFD	Water:	
Interval:	975 - 979	Method:	FLOWING
Duration of Test:	Hours	Choke:	
Oil Gravity:		GOR:	
Cond Gravity:		Cond Ratio:	

Pressures

Test	Data Source	FTP	FCP	SITP	SICP
001	PI				93 PSIG

Perforations

Scout Ticket

Mon Apr 09, 2012

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	975 - 979	8				PERF	452CCNN	COCONINO

Treatments

Treatment: 001

Interval:	975 - 979								
Fluid:	500 GAL					ACID		Type:	A
Additive:									
Prop Agent:						Amount:			
Form Break Down Pressure:									
Average Injection Rate:						Instant Shut-in Pressure:			
Stages:						Remarks:			

Production Tests

PT: 001

Data Source:	PI								
Top Formation Name:	COCONINO					Top Formation Code:	452CCNN		
Base Formation Name:	COCONINO					Base Formation Code:	452CCNN		
Oil:						Condensate:			
Gas:	68 MCFD					Water:			
Interval:	975 - 979					Method:	FLOWING		
Duration of Test:	Hours					Choke:			
Oil Gravity:						GOR:			
Cond Gravity:						Cond Ratio:			
Prod Method:	PERF					Main Fluid Code:			

PT: 002

Data Source:	PI								
Top Formation Name:	COCONINO					Top Formation Code:	452CCNN		
Base Formation Name:	COCONINO					Base Formation Code:	452CCNN		
Oil:						Condensate:			
Gas:	150 MCFD					Water:			
Interval:	975 - 979					Method:	FLOWING		
Duration of Test:	Hours					Choke:	24/64		
Oil Gravity:						GOR:			
Cond Gravity:						Cond Ratio:			
Prod Method:	PERF					Main Fluid Code:			

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	975 - 979	8				PERF	452CCNN	COCONINO
002	PI	975 - 979	8				PERF	452CCNN	COCONINO

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	8 5/8 IN	98 FT	50 SACK
CASING	PI	4 1/2 IN	1,024 FT	100 SACK

Dwights Energydata Narrative

Accumulated through 1997

Old Information

Prior Well Number: 1 1-10

Data Source: PI

Scout Ticket

Mon Apr 09, 2012

Prior Lease: 1	STATE	Data Source: PI
Spud Date:	Jan 01, 1960	Data Source: PI
Old TD:	1,035 FT	Data Source: PI
Prior Operator: 1	EASTERN PETROLEUM	Data Source: PI

02001050650000

General Information

2-27 SPURLOCK-WETZLER

Data Source:	PI	IC:	
API:	02001050650000	County:	APACHE
State:	ARIZONA	Operator:	LINEHAN&STOLTENBERG
Field:	PINTA DOME	Final Well Class:	WILDCAT OUTPOST-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (WO)
Initial Class:	WILDCAT OUTPOST (WO)		
Status:	D&A	Target Objective:	
Permit:	on Jul 06, 1961	Hole Direction:	VERTICAL
First Report Date:	Sep 15, 1972	Abandonment Date:	
Projected TD:		Projected Formation:	COCONINO
Geologic Province:	BLACK MESA BASIN	Formation at TD:	COCONINO

Location

Section, Twp., Range:	27 19N 26E	Data Source:	PI
Spot Code:	NE NE NW		
Footage NS EW Origin:	51 FNL 2545 FWL CONGRESS QTR		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0242836 -109.5681910	Lat/Long Source:	IH Datum: NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Jul 16, 1961	TD Date:	
TD:	957 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,719 FT DF	LTD:	964 FT
Ground Elevation:	5,715 FT GR		
Contractor:	MYERS	Final Drilling:	
Completed:	Jul 21, 1961	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	5 1/2 IN	150 FT	
CASING	PI	2 7/8 IN	957 FT	

Drilling Journal

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
452CCNN	PI	COCONINO	927				LOG		452

Dwights Energydata Narrative

Accumulated through 1997

02001050710000

General Information

15 POTASH TEST

Data Source:	PI	IC:	
API:	02001050710000	County:	APACHE
State:	ARIZONA	Operator:	DUVAL CORPORATION
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-POTASH (DP)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	POTASH	Hole Direction:	VERTICAL
Permit:	on Jan 15, 1964	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	
Projected TD:		Formation at TD:	ANHYDRITE
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	22 19N 27E	Data Source:	PI
Spot Code:	NE SW NE		
Footage NS EW Origin:	1652 FNL 3760 FWL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0328490 -109.4594640	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Jan 25, 1964	TD Date:	
TD:	1,981 FT	PlugBack Depth:	
TVD:		Formation Name TD:	ANHYDRITE
Formation Code TD:	406ANDR	KB. Elevation:	
Ref. Elevation:	6,140 FT GR	LTD:	1,977 FT
Ground Elevation:	6,140 FT GR		
Contractor:		Final Drilling:	
Completed:	Feb 24, 1964	Rig #:	
Rig Release Date:			
Tool:			

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
655BDHC	PI	BIDAHOCHI	85		170		LOG		655
503SRMP	PI	SHINARUMP	1,265				LOG		503
452CCNN	PI	COCONINO	1,453		1,760		LOG		452
419SUPI	PI	SUPAI	1,760				LOG		419
406ANDR	PI	ANHYDRITE	1,830				LOG		000

Dwights Energydata Narrative

Accumulated through 1997

02001050720000

General Information

39 POTASH TEST

Data Source:	PI	IC:	
API:	02001050720000	County:	APACHE
State:	ARIZONA	Operator:	DUVAL CORPORATION
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-POTASH (DP)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	POTASH	Hole Direction:	VERTICAL
Permit:	on May 02, 1964	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	
Projected TD:		Formation at TD:	ANHYDRITE
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	28 19N 27E	Data Source:	PI
Spot Code:	SW SW SW		
Footage NS EW Origin:	596 FSL 320 FWL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0111160 -109.4863150	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	May 12, 1964	TD Date:	
TD:	2,001 FT	PlugBack Depth:	
TVD:		Formation Name TD:	ANHYDRITE
Formation Code TD:	406ANDR	KB. Elevation:	
Ref. Elevation:	6,110 FT GR	LTD:	2,010 FT
Ground Elevation:	6,110 FT GR		
Contractor:		Final Drilling:	
Completed:	May 21, 1964	Rig #:	
Rig Release Date:			
Tool:			

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
503SRMP	PI	SHINARUMP	1,295				LOG		503
452CCNN	PI	COCONINO	1,468		1,753		LOG		452
419SUPI	PI	SUPAI	1,753				LOG		419
406ANDR	PI	ANHYDRITE	1,855				LOG		000
655BDHC	PI	BIDAHACHI			308		LOG		655

Dwights Energydata Narrative

Accumulated through 1997

02001050760000

General Information

12 SANTA FE			
Data Source:	PI	IC:	
API:	02001050760000	County:	APACHE
State:	ARIZONA	Operator:	EASTERN PETROLEUM CO
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (D)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	D&A	Hole Direction:	VERTICAL
Permit:	on May 18, 1962	Abandonment Date:	
First Report Date:	Mar 02, 1988	Projected Formation:	COCONINO
Projected TD:	1,100 FT	Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	11 20N 27E	Data Source:	PI
Spot Code:	SW NE SW		
Footage NS EW Origin:	1650 FSL 1650 FWL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.1458380 -109.4456050	Lat/Long Source:	IH Datum: NAD27

Dates and Depths

Data Source:	PI		
Spud:	May 28, 1962	Spud Date Code:	
TD:	1,301 FT	TD Date:	Jun 09, 1962
TVD:		PlugBack Depth:	
Formation Code TD:	452CCNN	Formation Name TD:	COCONINO
Ref. Elevation:	5,892 FT GR	KB. Elevation:	
Ground Elevation:	5,892 FT GR	LTD:	1,303 FT
Contractor:	SCOTT BROTHERS		
Completed:	Jun 09, 1962	Final Drilling:	Jun 09, 1962
Rig Release Date:		Rig #:	
Tool:	ROTARY		

Drill Stem Tests

DST: 001		Data Source:	PI
Show:		Formation:	CHINLE
Interval:	1094 - 1112	BHT:	
Choke: Top:		Bottom:	
Dst Test Remark	NO OTHER DETAILS.		

Pipe Recovery

Test	Data Source	Recovery	Type	Rec Method
001	PI	60 FT	M	PIPE

Cores

CORE ID: 001			
Formation:	503CHNL CHINLE	Data Source:	PI
Interval:	1107-1112	Rec:	1.6 FT
Core Type:	CONV	Show Type:	
Description:	* 1.6TSS,RD-BRN, CONGL.		

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	9 5/8 IN	97 FT	40 SACK

Drilling Journal**Narrative**

Narrative	Data Source	Date	Remark
1	PI	Jun 04, 1962	100 TD, PREP TO DRILL OUT
2	PI	Jun 05, 1962	DRLG 397

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
503CHNL	PI	CHINLE	906				LOG		503
503SRMP	PI	SHINARUMP	1,152				LOG		503
452CCNN	PI	COCONINO	1,287				LOG		452

Dwights Energydata Narrative

Accumulated through 1997

02001051060000

General Information

1A POTASH TEST

Data Source:	PI	IC:	
API:	02001051060000	County:	APACHE
State:	ARIZONA	Operator:	DUVAL CORPORATION
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-POTASH (DP)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	POTASH	Hole Direction:	VERTICAL
Permit:	on Sep 23, 1963	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	
Projected TD:		Formation at TD:	SUPAI
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	36 19N 26E	Data Source:	PI
Spot Code:	SE NE NE		
Footage NS EW Origin:	1300 FNL 660 FEL CONGRESS QTR		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0062362 -109.5256276	Lat/Long Source:	IH Datum: NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Oct 03, 1963	TD Date:	
TD:	2,005 FT	PlugBack Depth:	
TVD:		Formation Name TD:	SUPAI
Formation Code TD:	419SUPI	KB. Elevation:	
Ref. Elevation:	5,982 FT GR	LTD:	2,012 FT
Ground Elevation:	5,982 FT GR		
Contractor:		Final Drilling:	
Completed:	Oct 20, 1963	Rig #:	
Rig Release Date:			
Tool:			

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
452CCNN	PI	COCONINO	1,360				LOG		452
419SUPI	PI	SUPAI	1,767				LOG		419

Dwights Energydata Narrative

Accumulated through 1997

02001051070000

General Information

6 POTASH TEST

Data Source:	PI	IC:	
API:	02001051070000	County:	APACHE
State:	ARIZONA	Operator:	DUVAL CORPORATION
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-POTASH (DP)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	POTASH	Hole Direction:	VERTICAL
Permit:	on Nov 08, 1963	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	
Projected TD:		Formation at TD:	ANHYDRITE
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	36 19N 25E	Data Source:	PI
Spot Code:	NE NE NE		
Footage NS EW Origin:	270 FNL 150 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0086670 -109.6309900	Lat/Long Source:	IH Datum: NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Nov 18, 1963	TD Date:	
TD:	1,342 FT	PlugBack Depth:	
TVD:		Formation Name TD:	ANHYDRITE
Formation Code TD:	406ANDR	KB. Elevation:	
Ref. Elevation:	5,528 FT GR	LTD:	1,234 FT
Ground Elevation:	5,528 FT GR	Final Drilling:	
Contractor:		Rig #:	
Completed:	Nov 29, 1963		
Rig Release Date:			
Tool:			

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
503SRMP	PI	SHINARUMP	602				LOG		503
452CCNN	PI	COCONINO	788				LOG		452
419SUPI	PI	SUPAI	1,096				LOG		419
406ANDR	PI	ANHYDRITE	1,214				LOG		000

Dwights Energydata Narrative

Accumulated through 1997

02001051090000

General Information

1 PAULSELL			
Data Source:	PI	IC:	
API:	02001051090000	County:	APACHE
State:	ARIZONA	Operator:	BUSBY R H
Field:	PINTA DOME SW	Final Well Class:	NEW FIELD WILDCAT-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (WF)
Initial Class:	NEW FIELD WILDCAT (WF)		
Status:	D&A	Target Objective:	
Permit:	on Apr 24, 1962	Hole Direction:	VERTICAL
First Report Date:	Sep 15, 1972	Abandonment Date:	
Projected TD:	1,000 FT	Projected Formation:	COCONINO
Geologic Province:	BLACK MESA BASIN	Formation at TD:	COCONINO

Location

Section, Twp., Range:	25 19N 25E	Data Source:	PI
Spot Code:	NE NW		
Footage NS EW Origin:	1245 FNL 2347 FWL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0178190 -109.6379180	Lat/Long Source:	IH Datum: NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	May 04, 1962	TD Date:	
TD:	934 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,637 FT DF	LTD:	929 FT
Ground Elevation:	5,635 FT GR		
Contractor:	J H MYERS	Final Drilling:	
Completed:	May 08, 1962	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Drilling Journal

Show

Obs	Data Source	Top Depth	Base Depth	Type	Top Form	Base Form	Sample
1	PI	934	934	WET	452CCNN	452CCNN	

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
452CCNN	PI	COCONINO	915				LOG		452

Dwights Energydata Narrative

Accumulated through 1997

02001051100000

General Information

30 POTASH TEST

Data Source:	PI	IC:	
API:	02001051100000	County:	APACHE
State:	ARIZONA	Operator:	DUVAL CORPORATION
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-POTASH (DP)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	POTASH	Hole Direction:	VERTICAL
Permit:	on Apr 03, 1964	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	
Projected TD:		Formation at TD:	ANHYDRITE
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	19 19N 27E	Data Source:	PI
Spot Code:	SW SW SW		
Footage NS EW Origin:	4620 FNL 660 FWL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0261770 -109.5211390	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Apr 13, 1964	TD Date:	
TD:	1,890 FT	PlugBack Depth:	
TVD:		Formation Name TD:	ANHYDRITE
Formation Code TD:	406ANDR	KB. Elevation:	
Ref. Elevation:	6,040 FT GR	LTD:	1,898 FT
Ground Elevation:	6,040 FT GR		
Contractor:		Final Drilling:	
Completed:	Apr 22, 1964	Rig #:	
Rig Release Date:			
Tool:			

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
655BDHC	PI	BIDAHOCHI	19		196		LOG		655
503SRMP	PI	SHINARUMP	1,149				LOG		503
452CCNN	PI	COCONINO	1,347		1,672		LOG		452
419SUPI	PI	SUPAI	1,672				LOG		419
406ANDR	PI	ANHYDRITE	1,746				LOG		000

Dwights Energydata Narrative

Accumulated through 1997

02001051110000

General Information

12 POTASH TEST

Data Source:	PI	IC:	
API:	02001051110000	County:	APACHE
State:	ARIZONA	Operator:	DUVAL CORPORATION
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-POTASH (DP)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	POTASH	Hole Direction:	VERTICAL
Permit:	on Dec 29, 1963	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	
Projected TD:		Formation at TD:	ANHYDRITE
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	22 19N 26E	Data Source:	PI
Spot Code:	NW SW SW		
Footage NS EW Origin:	950 FSL 660 FWL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0270605 -109.5744552	Lat/Long Source:	IH Datum: NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Jan 08, 1964	TD Date:	
TD:	1,583 FT	PlugBack Depth:	
TVD:		Formation Name TD:	ANHYDRITE
Formation Code TD:	406ANDR	KB. Elevation:	
Ref. Elevation:	5,670 FT GR	LTD:	1,582 FT
Ground Elevation:	5,670 FT GR		
Contractor:		Final Drilling:	
Completed:	Jan 25, 1964	Rig #:	
Rig Release Date:			
Tool:			

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
503SRMP	PI	SHINARUMP	730				LOG		503
452CCNN	PI	COCONINO	951		1,257		LOG		452
419SUPI	PI	SUPAI	1,257				LOG		419
406ANDR	PI	ANHYDRITE	1,347				LOG		000

Dwights Energydata Narrative

Accumulated through 1997

02001051120000

General Information

1-23 WETZLER			
Data Source:	PI	IC:	
API:	02001051120000	County:	APACHE
State:	ARIZONA	Operator:	LINEHAN&STOLTENBERG
Field:	PINTA DOME	Final Well Class:	WILDCAT OUTPOST-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (WO)
Initial Class:	WILDCAT OUTPOST (WO)		
Status:	D&A	Target Objective:	
Permit:	on Jul 02, 1961	Hole Direction:	VERTICAL
First Report Date:	Sep 15, 1972	Abandonment Date:	
Projected TD:		Projected Formation:	COCONINO
Geologic Province:	BLACK MESA BASIN	Formation at TD:	COCONINO

Location

Section, Twp., Range:	23 19N 26E	Data Source:	PI
Spot Code:	NW SW		
Footage NS EW Origin:	1868 FSL 242 FWL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0295186 -109.5580540	Lat/Long Source:	IH Datum: NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Jul 12, 1961	TD Date:	
TD:	990 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,773 FT DF	LTD:	
Ground Elevation:	5,770 FT GR		
Contractor:	MYERS	Final Drilling:	
Completed:	Jul 21, 1961	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	5 1/2 IN	120 FT	18 SACK

Drilling Journal

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
452CCNN	PI	COCONINO	975				LOG		452

Dwights Energydata Narrative

Accumulated through 1997

02001051140000

General Information

1-14 STATE

Data Source:	PI	IC:	
API:	02001051140000	County:	APACHE
State:	ARIZONA	Operator:	RAM OIL INC
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-GAS (DG)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	GAS	Hole Direction:	VERTICAL
Permit:	on Oct 29, 1961	Abandonment Date:	
First Report Date:	Mar 16, 1988	Projected Formation:	COCONINO
Projected TD:	1,000 FT	Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		
IP Summary:			
Oil:	Gas: 86 MCFD	Water:	Top Form: SHINARUMP

Location

Section, Twp., Range:	14 19N 26E	Data Source:	PI
Spot Code:	S2 S2 SW		
Footage NS EW Origin:	500 FSL 1320 FWL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0402398 -109.5543566	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Nov 08, 1961	TD Date:	
TD:	1,005 FT	PlugBack Depth:	814 FT
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,763 FT DF	LTD:	1,005 FT
Ground Elevation:	5,760 FT GR		
Contractor:	RAM OIL	Final Drilling:	
Completed:	Mar 04, 1962	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Initial Potential Tests

IP: 001	Data Source: PI		
Top Formation Name:	SHINARUMP	Top Formation Code:	503SRMP
Base Formation Name:	SHINARUMP	Base Formation Code:	503SRMP
Oil:		Condensate:	
Gas:	86 MCFD	Water:	
Interval:	773 - 814	Method:	FLOWING
Duration of Test:	Hours	Choke:	
Oil Gravity:		GOR:	
Cond Gravity:		Cond Ratio:	
Remarks on IP Test	Data Source: PI	0.4% ARGON.	

Pressures

Test	Data Source	FTP	FCP	SITP	SICP
001	PI	164 PSIG			

CAOF

Test	Data Source	Calc	4 Point	Flow	Shut-in
001	PI	150			

Gas Analysis

Test	Data Source	Gravity	Temp	Hydrogen Sulfide
001	PI			

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	773 - 814					OPENHOLE	503SRMP	SHINARUMP

Production Tests

PT: 001

Data Source:	PI	Top Formation Code:	503SRMP
Top Formation Name:	SHINARUMP	Base Formation Code:	503SRMP
Base Formation Name:	SHINARUMP	Condensate:	
Oil:		Water:	
Gas:	UG	Method:	FLOWING
Interval:	775 - 814	Choke:	
Duration of Test:	Hours	GOR:	
Oil Gravity:		Cond Ratio:	
Cond Gravity:		Main Fluid Code:	
Prod Method:	OPENHOLE		

Remarks on PT Test: Data Source: PI ATP 300-500. FLWD 25-50 MCFGPD.

Gas Analysis

Test	Data Source	Gravity	Temp	Hydrogen Sulfide
001	PI			

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	775 - 814					OPENHOLE	503SRMP	SHINARUMP

Treatments

Treatment: 001

Interval:	775 - 814	Type:	W
Fluid:	3,370 GAL		
Additive:			
Prop Agent:	SAND	Amount:	3,000 LB
Form. Break Down Pressure:			
Average Injection Rate:	9 BPM	Instant Shut-in Pressure:	250 PSIG
Stages:	Remarks:		20/40 SD.

Drill Stem Tests

DST: 001

Show:		Data Source:	PI
Interval:	997 - 1005	Formation:	COCONINO
Choke: Top:		BHT:	
Dst Test Remark	OTHER TIMES & PRESSURES NOT RPTD.	Bottom:	

Pipe Recovery

Test	Data Source	Recovery	Type	Rec Method
001	PI	1,005 FT	XW	PIPE

Pressure and Time

Test	Data Source	Init	Hydro Final	Init	Init Flow Final	Init	Final Flow Final	Init	Shutin Final	Init	Open Time Final	Init	Shutin Time Final
001	PI							163		60		30	

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	4 1/2 IN	773 FT	125 SACK
Tubing	Data Source	Size	Mixed String	Base Depth
TUBING	PI	2 3/8 IN		770 FT

Drilling Journal

Narrative

Narrative	Data Source	Date	Remark
1	PI	Nov 07, 1961	RURT
2	PI	Nov 14, 1961	DRLG SURF
3	PI	Nov 21, 1961	795 TD, PREP TO PERF
4	PI	Jan 10, 1962	795 TD, SD
5	PI	Jan 17, 1962	1005 TD, PB 814, SD, PREP TO FRAC
6	PI	Jan 24, 1962	1005 TD, PB 814, SD

Dwights Energydata Narrative

Accumulated through 1997

02001051150000

General Information

1 PAULSELL

Data Source:	PI	IC:	
API:	02001051150000	County:	APACHE
State:	ARIZONA	Operator:	ARMOUR PROPERTIES
Field:	PINTA DOME	Final Well Class:	NEW FIELD WILDCAT-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (WF)
Initial Class:	NEW FIELD WILDCAT (WF)		
Status:	D&A	Target Objective:	
Permit:	on Aug 28, 1961	Hole Direction:	VERTICAL
First Report Date:	Oct 13, 1992	Abandonment Date:	
Projected TD:	1,500 FT	Projected Formation:	COCONINO
Geologic Province:	BLACK MESA BASIN	Formation at TD:	COCONINO

Location

Section, Twp., Range:	13 19N 25E	Data Source:	PI
Spot Code:	C		
Footage NS EW Origin:	2640 FNL 2640 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0465710 -109.6376350	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Sep 07, 1961	TD Date:	
TD:	876 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,397 FT DF	LTD:	821 FT
Ground Elevation:	5,394 FT GR		
Contractor:		Final Drilling:	
Completed:	Sep 21, 1961	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Cores

CORE ID: 001

Formation:	452CCNN COCONINO	Data Source:	PI
Interval:	776-796	Rec:	0 FT
Core Type:	CONV	Show Type:	

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	8 5/8 IN	102 FT	40 SACK

Drilling Journal**Narrative**

Narrative	Data Source	Date	Remark
1	PI	Sep 08, 1961	15 TD, SDW
2	PI	Sep 12, 1961	DRLG 130
3	PI	Sep 19, 1961	DRLG 610

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
452CCNN	PI	COCONINO	776				LOG		452

Dwights Energydata Narrative

Accumulated through 1997

02001051160000

General Information

1-13 SPURLOCK

Data Source:	PI	IC:	
API:	02001051160000	County:	APACHE
State:	ARIZONA	Operator:	LINEHAN&STOLTENBERG
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (D)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	D&A	Hole Direction:	VERTICAL
Permit:	on Jul 10, 1961	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	COCONINO
Projected TD:	1,100 FT	Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	13 19N 26E	Data Source:	PI
Spot Code:	C SE NW		
Footage NS EW Origin:	1980 FNL 1980 FWL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0478193 -109.5343331	Lat/Long Source:	IH Datum: NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Jul 20, 1961	TD Date:	
TD:	1,080 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,791 FT DF	LTD:	1,082 FT
Ground Elevation:	5,788 FT GR		
Contractor:	MYERS	Final Drilling:	
Completed:	Jul 26, 1961	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	5 1/2 IN	123 FT	61 SACK

Drilling Journal**Formations**

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
503CHNL	PI	CHINLE	0				LOG		503
503SRMP	PI	SHINARUMP	900				LOG		503
501MNKP	PI	MOENKOPI	917				LOG		501
452CCNN	PI	COCONINO	1,055				LOG		452

Dwights Energydata Narrative

Accumulated through 1997

02001051180000

General Information

1 LANSDALE-FEE

Data Source:	PI	IC:	
API:	02001051180000	County:	APACHE
State:	ARIZONA	Operator:	WALKER BROS OIL CO
Field:	PINTA DOME	Final Well Class:	WILDCAT OUTPOST-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (WO)
Initial Class:	WILDCAT OUTPOST (WO)		
Status:	D&A	Target Objective:	
Permit:	on Jul 07, 1965	Hole Direction:	VERTICAL
First Report Date:	Sep 15, 1972	Abandonment Date:	
Projected TD:	900 FT	Projected Formation:	COCONINO
Geologic Province:	BLACK MESA BASIN	Formation at TD:	COCONINO

Location

Section, Twp., Range:	17 19N 26E	Data Source:	PI
Spot Code:	SW NE		
Footage NS EW Origin:	1807 FNL 1930 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0486117 -109.6003653	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Jul 17, 1965	TD Date:	
TD:	865 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,553 FT GR	LTD:	864 FT
Ground Elevation:	5,553 FT GR		
Contractor:	APACHE CORPORATION	Final Drilling:	
Completed:	Jul 26, 1965	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Drill Stem Tests

DST: 001	Data Source:	PI
Show:	Formation:	COCONINO
Interval:	854 - 865	BHT:
Choke: Top:		Bottom:
Dst Test Remark	MODERATE BLOW THRUOUT	
Dst Test Remark	SWBD SALT WTR /NO FURTHER DETAILS/	

Cores

CORE ID: 001

Formation:	452CCNN COCONINO	Data Source:	PI
Interval:	851-865	Rec:	14 FT
Core Type:	CONV	Show Type:	WET
Description:	6 SH		
	8 SS, BUFF, FG, GOOD P&P, WET		

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	8 5/8 IN	27 FT	6 SACK

Drilling Journal

Show

Obs	Data Source	Top Depth	Base Depth	Type	Top Form	Base Form	Sample
1	PI	854	865	SULW	452CCNN	452CCNN	

Geology Journal

Porosity Zones ID	Data Source	Top Depth	Base Depth	Type	Quality	Form Code	Thickness
1	PI	851	865	INST	G	452CCNN	

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
503CHNL	PI	CHINLE	0				LOG		503
503SRMP	PI	SHINARUMP	760				LOG		503
501MNKP	PI	MOENKOPI	770				LOG		501
452CCNN	PI	COCONINO	857				LOG		452

Dwights Energydata Narrative

Accumulated through 1997

02001051190000

General Information

2 POTASH TEST

Data Source:	PI	IC:	
API:	02001051190000	County:	APACHE
State:	ARIZONA	Operator:	DUVAL CORPORATION
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-POTASH (DP)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	POTASH	Hole Direction:	VERTICAL
Permit:	on Sep 22, 1963	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	
Projected TD:		Formation at TD:	ANHYDRITE
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	12 19N 26E	Data Source:	PI
Spot Code:	SE NE SE		
Footage NS EW Origin:	1869 FSL 308 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0582902 -109.5243027	Lat/Long Source:	IH Datum: NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Oct 02, 1963	TD Date:	
TD:	1,594 FT	PlugBack Depth:	
TVD:		Formation Name TD:	ANHYDRITE
Formation Code TD:	406ANDR	KB. Elevation:	
Ref. Elevation:	5,735 FT GR	LTD:	
Ground Elevation:	5,735 FT GR		
Contractor:		Final Drilling:	
Completed:	Dec 07, 1963	Rig #:	
Rig Release Date:			
Tool:			

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
503SRMP	PI	SHINARUMP	907				LOG		503
452CCNN	PI	COCONINO	1,072		1,385		LOG		452
419SUPI	PI	SUPAI	1,385				LOG		419
406ANDR	PI	ANHYDRITE	1,462				LOG		000

Dwights Energydata Narrative

Accumulated through 1997

02001051200000

General Information

1 HORTENSTEIN

Data Source:	PI	IC:	
API:	02001051200000	County:	APACHE
State:	ARIZONA	Operator:	RAM OIL INC
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (D)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	D&A-G	Hole Direction:	VERTICAL
Permit:	on Mar 08, 1962	Abandonment Date:	
First Report Date:	Apr 04, 1988	Projected Formation:	COCONINO
Projected TD:		Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	9 19N 26E	Data Source:	PI
Spot Code:	NE SW NE		
Footage NS EW Origin:	1645 FNL 1645 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0633931 -109.5815950	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Mar 18, 1962	TD Date:	
TD:	990 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,729 FT DF	LTD:	993 FT
Ground Elevation:	5,726 FT GR		
Contractor:	MYERS W T	Final Drilling:	
Completed:	Dec 31, 1963	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Production Tests

PT: 001

Data Source:	PI	Top Formation Code:	503CHNL
Top Formation Name:	CHINLE	Base Formation Code:	503CHNL
Base Formation Name:	CHINLE	Condensate:	
Oil:		Water:	
Gas:	150 MCFD	Method:	FLOWING
Interval:	732 - 789 GROSS	Choke:	99/64
Duration of Test:	Hours	GOR:	
Oil Gravity:		Cond Ratio:	
Cond Gravity:		Main Fluid Code:	
Prod Method:	PERF		
Remarks on PT Test:	Data Source: PI		

DROPPED 30 RUBBERBALLS.

Pressures

Test	Data Source	FTP	FCP	SITP	SICP
001	PI		40 PSIG		

Gas Analysis

Test	Data Source	Gravity	Temp	Hydrogen Sulfide
001	PI			

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	732 - 734				4 FT	PERF	503CHNL	CHINLE
001	PI	744 - 746				4 FT	PERF	503CHNL	CHINLE
001	PI	754 - 764				4 FT	PERF	503CHNL	CHINLE
001	PI	768 - 774				4 FT	PERF	503CHNL	CHINLE
001	PI	787 - 789				4 FT	PERF	503CHNL	CHINLE

Treatments

Treatment: 001

Interval:	732 - 789				
Fluid:	16,376 GAL	FRAC	Type:	W	
Additive:					
Prop Agent:	SAND	Amount:	17,500 LB		
Form. Break Down Pressure:	1,700 PSIG				
Average Injection Rate:	15 BPM	Instant Shut-in Pressure:			
Stages:	Remarks:				

Cores

CORE ID: 001

Formation:	452CCNN COCONINO	Data Source:	PI
Interval:	970-973	Rec:	3 FT
Core Type:	CONV	Show Type:	GAS
Description:	* 3.0TSS,MG, WELL RNDD, GD PORO, BLDG GAS.		

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	7 IN	92 FT	50 SACK
CASING	PI	4 1/2 IN	932 FT	100 SACK

Drilling Journal

Narrative

Narrative	Data Source	Date	Remark
1	PI	Mar 21, 1962	DRLG 775
2	PI	Mar 28, 1962	990 TD, PREP TO RUN CSG
3	PI	Apr 11, 1962	990 TD, SD
4	PI	Apr 25, 1962	990 TD, SD
5	PI	Jun 04, 1962	990 TD, SI

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
503CHNL	PI	CHINLE	681				LOG		503
503SRMP	PI	SHINARUMP	802				LOG		503
501MNKP	PI	MOENKOPI	826				LOG		501
452CCNN	PI	COCONINO	970				LOG		452

Dwights Energydata Narrative
Accumulated through 1997

Data Source	Type	Nbr	Remark
DEI	Perf	1	732-774
DEI	Perf	1	w/4 SPF - Frac w/16367 gal W, 17 5000 lb sd, BDP 1700

02001051210000

General Information

1 FITZGERALD			
Data Source:	PI	IC:	
API:	02001051210000	County:	APACHE
State:	ARIZONA	Operator:	MARTIN OIL & GAS
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (D)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	D&A-G	Hole Direction:	VERTICAL
Permit:	on Aug 29, 1962	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	COCONINO
Projected TD:	900 FT	Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	11 19N 25E	Data Source:	PI
Spot Code:	NE NW		
Footage NS EW Origin:	990 FNL 1650 FWL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0665090 -109.6578520	Lat/Long Source:	IH Datum: NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Sep 08, 1962	TD Date:	
TD:	847 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,489 FT DF	LTD:	863 FT
Ground Elevation:	5,484 FT GR		
Contractor:	MYERS W T	Final Drilling:	
Completed:	Sep 11, 1962	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
503CHNL	PI	CHINLE	0				LOG		503
503SRMP	PI	SHINARUMP	663				LOG		503
501MNKP	PI	MOENKOPI	682				LOG		501
452CCNN	PI	COCONINO	829				LOG		452

Logs

Log	Data Source	Type	Top Depth	Base Depth	Logging Co.	BHT	since circ.
1	PI	IL	0	846	153789		

Dwights Energydata Narrative

Accumulated through 1997

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02001051230000

General Information

1-2 STATE

Data Source:	PI	IC:	
API:	02001051230000	County:	APACHE
State:	ARIZONA	Operator:	EASTERN PET CORP
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-HELIUM (DH)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	HELIUM	Hole Direction:	VERTICAL
Permit:	on May 29, 1959	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	COCONINO
Projected TD:		Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		
IP Summary:			
Oil:	Gas: 2,450 MCFD	Water:	Top Form: COCONINO

Location

Section, Twp., Range:	2 19N 26E	Data Source:	PI
Spot Code:	NE SW		
Footage NS EW Origin:	1980 FSL 1980 FWL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0732290 -109.5517316	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Jun 08, 1959	TD Date:	
TD:	1,054 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	5,740 FT
Ref. Elevation:	5,740 FT KB	LTD:	1,050 FT
Ground Elevation:	5,734 FT GR		
Contractor:		Final Drilling:	
Completed:	Jun 14, 1959	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Initial Potential Tests

IP: 001	Data Source: PI		
Top Formation Name:	COCONINO	Top Formation Code:	452CCNN
Base Formation Name:	COCONINO	Base Formation Code:	452CCNN
Oil:		Condensate:	
Gas:	2,450 MCFD	Water:	
Interval:	974 - 1,000 GROSS	Method:	FLOWING
Duration of Test:	Hours	Choke:	
Oil Gravity:		GOR:	
Cond Gravity:		Cond Ratio:	

Gas Analysis

Test	Data Source	Gravity	Temp	Hydrogen Sulfide
001	PI			

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	974 - 991		BULLT		4 FT	PERF	452CCNN	COCONINO
001	PI	995 - 1000		BULLT		4 FT	PERF	452CCNN	COCONINO

Drill Stem Tests**DST: 001**

Show: S
Interval: 970 - 991
Choke: Top:

Data Source: PI
Formation: COCONINO
BHT:
Bottom:

DST: 1

Show:
Interval: -
Choke: Top:
Dst Test Remark IHP : 00477 FHP : 00459 BHT : 00000 FmRw: 00

Data Source: DEI
Formation:
BHT:
Bottom:

Pipe Recovery

Test	Data Source	Recovery	Type	Rec Method
001	PI	35 FT	GCM	PIPE

Materials to Surface

Test	Data Source	Fluid	To Surface	Amount
001	PI	GAS	30 MIN	552 MCFD

Pressure and Time

Test	Data Source	Init	Hydro Final	Init	Init Flow Final	Init	Final Flow Final	Init	Shutin Final	Init	Open Time Final	Init	Shutin Time Final
001	PI	477	459	63	63			108	104	30		60	60

Cores**CORE ID: 001**

Formation: 452CCNN COCONINO **Data Source:** PI
Interval: 987-991 **Rec:** 4 FT
Core Type: CONV **Show Type:** GAS
Description: SUBANGULAR, FIRM, GOOD PORO, FAIR PERM
 2 SANDSTONE, WHITE, VERY FINE GRAINED, SUBROUND TO
 SUBANGULAR, VERY FIRM, FAIR PORO, POOR PERM, ENTIRE
 CORE BUBBLING GAS

CORE ID: 002

Formation: 452CCNN COCONINO **Data Source:** PI
Interval: 991-1017 **Rec:** 26 FT
Core Type: CONV **Show Type:** GAS
Description: 2 SANDSTONE, BUFF, FINE GRAIN, SUBROUND TO SUBANGULAR
 FIRM, FAIR PORO, AND PERM
 11 SANDSTONE, BUFF TO BROWN, FINE-MED GRAIN, SUBROUND
 TO SUBANGULAR, GOOD PORO & PERM
 SUBANGULAR, FAIR PORO, AND PERM
 6 SANDSTONE, BUFF, FINE-MED GRAIN, SUBROUND TO
 SUBANGULAR, FEW RED FINE TO COARSE ROUND GRAINS, SOME
 RED CLAYAON CROSSBEDS, ENTIRE CORE BLEEDING GAS

CORE ID: 003

Formation: 452CCNN COCONINO **Data Source:** PI
Interval: 1017-1044 **Rec:** 27 FT
Core Type: CONV **Show Type:**

Description:

1 SANDSTONE, TAN, FINE GRAIN, ROUND TO SUBROUND, VERY FIRM, LOW PERM, FAIR PORO

10 SANDSTONE, BUFF, FINE GRAIN, ROUND TO SUBROUND

FIRM DSTONE, BUFF, FINE GRAIN, ROUND TO SUBROUND

7 SANDSTONE, BUFF, FINE-MED GRAIN, SUBROUND TO SUBANGULAR

9 SANDSTONE, AS ABOVE W/SMALL RED OXIDE STAINS, SOME GREEN SHALE INTERCALATED ON BEDDING PLANE, RECOVERED

1 FT INEXCESS

CORE ID: 002

Formation:

Interval: -

Core Type:

Data Source: DEI

Rec:

Show Type:

CORE ID: 003

Formation:

Interval: -

Core Type:

Data Source: DEI

Rec:

Show Type:

CORE ID: 004

Formation:

Interval: -

Core Type:

Data Source: DEI

Rec:

Show Type: WET

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	8 5/8 IN	76 FT	75 SACK
CASING	PI	4 1/2 IN	1,041 FT	100 SACK

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
503SRMP	PI	SHINARUMP	811				LOG		503
501MNKP	PI	MOENKOPI	819				LOG		501
452CCNN	PI	COCONINO	973				LOG		452

Logs

Log	Data Source	Type	Top Depth	Base Depth	Logging Co.	BHT	since circ.
1	PI	IL					
2	PI	ML					

Dwights Energydata Narrative

Accumulated through 1997

Data Source	Type	Nbr	Remark
DEI	DST	1	IHP : 00477 FHP : 00459 BHT : 00000 FmRw: 00
Data Source	Type	Nbr	Remark
DEI	Cores	002	#1 987-991
DEI	Cores	002	Cut 4 feet, recovered 4 feet. 2 ft Sandstone, buff, line grained,
DEI	Cores	002	subround to subangular, firm, good porosity, fair permeability. 2 ft
DEI	Cores	002	Sandstone, white, very fine grained, subround to subangular, very
DEI	Cores	002	firm, fair porosity, poor permeability. Entire core was bubbling gas.
DEI	Cores	003	#2 991-1017
DEI	Cores	003	Cut 26 feet, recovered 26 feet. 2 ft Sandstone, buff, fine grained,
DEI	Cores	003	subround to subangular, firm, fair porosity and permeability. 11 ft

Data Source	Type	Nbr	Remark
DEI	Cores	003	Sandstone, buff to brown, fine to medium grained, subround to
DEI	Cores	003	subangular, good porosity and permeability. 7 ft Sandstone, buff to
DEI	Cores	003	white, fine grained, subround to subangular, fair porosity and
DEI	Cores	003	permeability. 6 ft Sandstone, buff, fine to medium grained, subround
DEI	Cores	003	to subangular, few red fine to coarse round grains, some red clay on
DEI	Cores	003	cross beds. Entire core is bleeding gas. Sandstone is crossbedded.
DEI	Cores	004	#3 1017-1044
DEI	Cores	004	Cut 26 feet, recovered 27 feet. 1 ft Sandstone, tan, fine grained,
DEI	Cores	004	round to subround, very firm, low permeability, fair porosity. 10 ft
DEI	Cores	004	Sandstone, buff, fine grained, round to subround, firm. 7 ft
DEI	Cores	004	Sandstone, buff, fine to medium grained, subround to subangular. 9 ft
DEI	Cores	004	Sandstone, ditto with small red oxide stains. Some green shale
DEI	Cores	004	intercalated on bedding planes. Appears by tasting to be a salt water
DEI	Cores	004	level at 1018 feet.

02001051250000

General Information

3 STATE			
Data Source:	PI		
API:	02001051250000	IC:	
State:	ARIZONA	County:	APACHE
Field:	PINTA DOME	Operator:	KERR-MCGEE CORP
Initial Class:	DEVELOPMENT WELL (D)	Final Well Class:	DEVELOPMENT WELL-HELIUM (DH)
Status:	HELIUM	Target Objective:	
Permit:	on Mar 31, 1957	Hole Direction:	VERTICAL
First Report Date:	Sep 15, 1972	Abandonment Date:	
Projected TD:	1,200 FT	Projected Formation:	COCONINO
Geologic Province:	BLACK MESA BASIN	Formation at TD:	COCONINO
IP Summary:			
Oil:	Gas: 140 MCFD	Water: 24 BBL	Top Form: COCONINO

Location

Section, Twp., Range:	4 19N 26E	Data Source:	PI
Spot Code:	NE NW SE		
Footage NS EW Origin:	2310 FSL 1650 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0742592 -109.5815978	Lat/Long Source:	IH Datum: NAD27

Dates and Depths

Data Source:	PI		
Spud:	Apr 10, 1957	Spud Date Code:	
TD:	1,198 FT	TD Date:	
TVD:		PlugBack Depth:	1,062 FT
Formation Code TD:	452CCNN	Formation Name TD:	COCONINO
Ref. Elevation:	5,777 FT KB	KB. Elevation:	5,777 FT
Ground Elevation:	5,753 FT GR	LTD:	1,197 FT
Contractor:	G RILEY DRLG		
Completed:	Apr 23, 1957	Final Drilling:	
Rig Release Date:		Rig #:	
Tool:	ROTARY		

Initial Potential Tests

IP: 001	Data Source: PI		
Top Formation Name:	COCONINO	Top Formation Code:	452CCNN
Base Formation Name:	COCONINO	Base Formation Code:	452CCNN
Oil:		Condensate:	
Gas:	140 MCFD	Water:	24 BBL
Interval:	1,010 - 1,016	Method:	FLOWING
Duration of Test:	Hours	Choke:	
Oil Gravity:		GOR:	
Cond Gravity:		Cond Ratio:	
IP: 1	Data Source: DEI		
Top Formation Name:		Top Formation Code:	
Base Formation Name:		Base Formation Code:	
Oil:		Condensate:	
Gas:		Water:	
Interval:	-	Method:	

Scout Ticket

Mon Apr 09, 2012

Duration of Test: Hours
Oil Gravity:
Cond Gravity:
Remarks on IP Test Data Source: PI 140 MCFPD SICP 99 lb/2 hrs.

Choke:
GOR:
Cond Ratio:

Gas Analysis

Test	Data Source	Gravity	Temp	Hydrogen Sulfide
001	PI	0.918 API_DEG		

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/Ft	Prod Method	Top Form Code	Top Form Name
001	PI	1010 - 1016		BULLT		4 FT	PERF	452CCNN	COCONINO

Production Tests

PT: 001

Data Source:	PI	Top Formation Code:	452CCNN
Top Formation Name:	COCONINO	Base Formation Code:	452CCNN
Base Formation Name:	COCONINO	Condensate:	
Oil:		Water:	
Gas:		Method:	UNDESIGNATED
Interval:	1,138 - 1,145	Choke:	
Duration of Test:	Hours	GOR:	
Oil Gravity:		Cond Ratio:	
Cond Gravity:		Main Fluid Code:	X
Prod Method:	PERF		

PT: 002

Data Source:	PI	Top Formation Code:	452CCNN
Top Formation Name:	COCONINO	Base Formation Code:	452CCNN
Base Formation Name:	COCONINO	Condensate:	
Oil:		Water:	
Gas:		Method:	UNDESIGNATED
Interval:	1,088 - 1,100	Choke:	
Duration of Test:	Hours	GOR:	
Oil Gravity:		Cond Ratio:	
Cond Gravity:		Main Fluid Code:	X
Prod Method:	PERF		

PT: 003

Data Source:	PI	Top Formation Code:	452CCNN
Top Formation Name:	COCONINO	Base Formation Code:	452CCNN
Base Formation Name:	COCONINO	Condensate:	
Oil:		Water:	
Gas:	140 MCFD	Method:	FLOWING
Interval:	1,010 - 1,016	Choke:	
Duration of Test:	Hours	GOR:	
Oil Gravity:		Cond Ratio:	
Cond Gravity:		Main Fluid Code:	
Prod Method:	PERF		

Gas Analysis

Test	Data Source	Gravity	Temp	Hydrogen Sulfide
003	PI			

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	1138 - 1145		BULLT		4 FT	PERF	452CCNN	COCONINO
002	PI	1088 - 1100		BULLT		4 FT	PERF	452CCNN	COCONINO
003	PI	1010 - 1016		BULLT		4 FT	PERF	452CCNN	COCONINO

Drill Stem Tests

DST: 001	Data Source:	PI
Show:	Formation:	
Interval:	BHT:	
Choke: Top:	Bottom:	

Pipe Recovery

Test	Data Source	Recovery	Type	Rec Method
001	PI	60 FT	M	PIPE

Pressure and Time

Test	Data Source	Init	Hydro Final	Init	Init Flow Final	Init	Final Flow Final	Init	Shutin Final	Init	Open Time Final	Init	Shutin Time Final
001	PI		560		160				225	30			30

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	8 5/8 IN	174 FT	
CASING	PI	5 1/2 IN	1,192 FT	

Drilling Journal

Lost Circulation

Obs	Data Source	Top Depth	Form Code	Remark
101	PI	1,020 FT	452CCNN	

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
452CCNN	PI	COCONINO	1,010				LOG		452

Dwights Energydata Narrative

Accumulated through 1997

Data Source	Type	Nbr	Remark
DEI	IP	1	140 MCFPD SICP 99 lb/2 hrs.

02001051300000

General Information

1 STATE-MACIE

Data Source:	PI	IC:	
API:	02001051300000	County:	APACHE
State:	ARIZONA	Operator:	KERR-MCGEE CORP
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-HELIUM (DH)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	HELIUM	Hole Direction:	VERTICAL
Permit:	on Feb 10, 1950	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	UNKNOWN
Projected TD:		Formation at TD:	SUPAI
Geologic Province:	BLACK MESA BASIN		
IP Summary:			
Oil:	Gas: 1,655 MCFD	Water:	Top Form: COCONINO

Location

Section, Twp., Range:	34 20N 26E	Data Source:	PI
Spot Code:	SE SW SW		
Footage NS EW Origin:	550 FSL 1255 FWL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0839319 -109.5719022	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Feb 20, 1950	TD Date:	
TD:	1,550 FT	PlugBack Depth:	1,200 FT
TVD:		Formation Name TD:	SUPAI
Formation Code TD:	419SUPI	KB. Elevation:	
Ref. Elevation:	5,780 FT GR	LTD:	
Ground Elevation:	5,780 FT GR		
Contractor:		Final Drilling:	
Completed:	Oct 20, 1950	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Initial Potential Tests

IP: 001	Data Source: PI	Top Formation Code:	452CCNN
Top Formation Name:	COCONINO	Base Formation Code:	452CCNN
Base Formation Name:	COCONINO	Condensate:	
Oil:		Water:	
Gas:	1,655 MCFD	Method:	FLOWING
Interval:	1,032 - 1,055	Choke:	
Duration of Test:	Hours	GOR:	
Oil Gravity:		Cond Ratio:	
Cond Gravity:			
IP: 1	Data Source: DEI	Top Formation Code:	
Top Formation Name:		Base Formation Code:	
Base Formation Name:		Condensate:	
Oil:		Water:	
Gas:		Method:	
Interval:	-		

Duration of Test: Hours
Oil Gravity:
Cond Gravity:
Remarks on IP Test Data Source: PI F 2500 MCFGPD
Choke:
GOR:
Cond Ratio:

Pressures

Test	Data Source	FTP	FCP	SITP	SICP
001	PI	98 PSIG			

CAOF

Test	Data Source	Calc	4 Point	Flow	Shut-in
001	PI	2800			

Four-point Tests

Test	Data Source	Point	Choke	Rate	Pressure	BH Pressure
001	PI	1	32/64	485 MCFD	96 PSIG	
001	PI	2	48/64	1,048 MCFD	89 PSIG	
001	PI	3	64/64	1,655 MCFD	76 PSIG	
001	PI	4	80/64	2,129 MCFD	58 PSIG	

Gas Analysis

Test	Data Source	Gravity	Temp	Hydrogen Sulfide
001	PI	0.9 API_DEG	0 BTU	0 MOL

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/Ft	Prod Method	Top Form Code	Top Form Name
001	PI	1032 - 1055					PERF	452CCNN	COCONINO

Production Tests

PT: 001

Data Source: PI
Top Formation Name: COCONINO
Base Formation Name: COCONINO
Oil:
Gas: 1,932 MCFD
Interval: 1,095 - 1,097
Duration of Test: Hours
Oil Gravity:
Cond Gravity:
Prod Method: PERF
Top Formation Code: 452CCNN
Base Formation Code: 452CCNN
Condensate:
Water:
Method: FLOWING
Choke: 64/64
GOR:
Cond Ratio:
Main Fluid Code:

PT: 002

Data Source: PI
Top Formation Name: COCONINO
Base Formation Name: COCONINO
Oil:
Gas: 3,449 MCFD
Interval: 1,095 - 1,097
Duration of Test: Hours
Oil Gravity:
Top Formation Code: 452CCNN
Base Formation Code: 452CCNN
Condensate:
Water:
Method: FLOWING
Choke: 88/64
GOR:

Cond Gravity:
Prod Method: PERF

Cond Ratio:
Main Fluid Code:

PT: 003

Data Source: PI
Top Formation Name: COCONINO
Base Formation Name: COCONINO
Oil:
Gas: 4,019 MCFD
Interval: 1,095 - 1,097
Duration of Test: Hours
Oil Gravity:
Cond Gravity:
Prod Method: PERF

Top Formation Code: 452CCNN
Base Formation Code: 452CCNN
Condensate:
Water:
Method: FLOWING
Choke: 96/64
GOR:
Cond Ratio:
Main Fluid Code:

PT: 004

Data Source: PI
Top Formation Name: COCONINO
Base Formation Name: COCONINO
Oil:
Gas: 5,078 MCFD
Interval: 1,095 - 1,097
Duration of Test: Hours
Oil Gravity:
Cond Gravity:
Prod Method: PERF

Top Formation Code: 452CCNN
Base Formation Code: 452CCNN
Condensate:
Water:
Method: FLOWING
Choke:
GOR:
Cond Ratio:
Main Fluid Code:

PT: 005

Data Source: PI
Top Formation Name: COCONINO
Base Formation Name: COCONINO
Oil:
Gas: 6,128 MCFD
Interval: 1,095 - 1,097
Duration of Test: Hours
Oil Gravity:
Cond Gravity:
Prod Method: PERF

Top Formation Code: 452CCNN
Base Formation Code: 452CCNN
Condensate:
Water:
Method: FLOWING
Choke:
GOR:
Cond Ratio:
Main Fluid Code:

PT: 006

Data Source: PI
Top Formation Name: COCONINO
Base Formation Name: COCONINO
Oil:
Gas:
Interval: 1,032 - 1,055
Duration of Test: Hours
Oil Gravity:
Cond Gravity:
Prod Method: PERF

Top Formation Code: 452CCNN
Base Formation Code: 452CCNN
Condensate:
Water:
Method: UNDESIGNATED
Choke:
GOR:
Cond Ratio:
Main Fluid Code: X

Pressures

Test	Data Source	FTP	FCP	SITP	SICP
002	PI	91 PSIG	5 PSIG		
003	PI	89 PSIG	2 PSIG		
004	PI	81 PSIG	6 PSIG		
006	PI	98 PSIG			

CAOF

Test	Data Source	Calc	4 Point	Flow	Shut-in
006	PI	2800			

Four-point Tests

Test	Data Source	Point	Choke	Rate	Pressure	BH Pressure
006	PI	1	32/64	485 MCFD	96 PSIG	
006	PI	2	48/64	1,048 MCFD	89 PSIG	
006	PI	3	64/64	1,655 MCFD	76 PSIG	
006	PI	4	80/64	2,129 MCFD	58 PSIG	

Gas Analysis

Test	Data Source	Gravity	Temp	Hydrogen Sulfide
005	PI	0.539 API_DEG		
006	PI	0.9 API_DEG	0 BTU	0 MOL

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	1095 - 1097					PERF	452CCNN	COCONINO
002	PI	1095 - 1097					PERF	452CCNN	COCONINO
003	PI	1095 - 1097					PERF	452CCNN	COCONINO
004	PI	1095 - 1097					PERF	452CCNN	COCONINO
005	PI	1095 - 1097					PERF	452CCNN	COCONINO
006	PI	1032 - 1055					PERF	452CCNN	COCONINO

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	12 1/2 IN	15 FT	7 SACK
CASING	PI	10 IN	640 FT	
CASING	PI	8 5/8 IN	840 FT	25 SACK
CASING	PI	6 5/8 IN	1,530 FT	

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
503SRMP	PI	SHINARUMP	855				SPL		503
501MNKP	PI	MOENKOPI	890				SPL		501
452CCNN	PI	COCONINO	1,027				LOG		452
452CCNN	PI	COCONINO	1,030				SPL		452
419SUPI	PI	SUPAI	1,350				LOG		419
419SUPI	PI	SUPAI	1,415				SPL		419

Logs

Log	Data Source	Type	Top Depth	Base Depth	Logging Co.	BHT	since circ.
1	PI	NE					
2	PI	NE					

Dwights Energydata Narrative

Accumulated through 1997

Data Source	Type	Nbr	Remark
DEI	IP	1	F 2500 MCFGPD
Data Source	Type	Nbr	Remark
DEI	Perf	1	1098-1100 (Coconino)
DEI	Perf	1	w/8 sot
DEI	Perf	2	1026-1046 (Coconino)
DEI	Perf	3	Recompletion March 1970: CIBP @ 1075 - 1026-1046 w/2 SPF
Data Source	Type	Nbr	Remark
DEI	Lithology	1	85 Dark lavender, Painted Desert color 100 Light red sandstone 150
DEI	Lithology	2	Purplish sandstone 180 Red Shale 260 Light red, purplish
DEI	Lithology	3	sandstone 290 Still lighter red 380 Medium coarse gray sandstone
DEI	Lithology	4	480 Purplish red sandstone 540 Gray clay and shale 560 Deep,
DEI	Lithology	5	dark purple shale and sandstone 570 Gray sandstone and shale 605
DEI	Lithology	6	Light purplish sandstone and shale 620 Darker purplish sandstone and
DEI	Lithology	7	shale 630 Light gray sandstone and shale 635 Gray purplish
DEI	Lithology	8	sandstone and shale 650 Light purplish sandstone and shale 680
DEI	Lithology	9	Gray Sandstone sandstone and shale 690 Mixed gray and purple
DEI	Lithology	10	sandstone 700 Reddish sandstone 760 Dark purple, little gray layers
DEI	Lithology	11	765 Light reddish brown 770 Dark reddish brown 775 Dark purple
DEI	Lithology	12	785 Reddish purple sandstone 795 Dark gray sandstone 820 Light
DEI	Lithology	13	reddish purple 830 Sand and ligh red shale 841 Dark reddish purple
DEI	Lithology	14	sand 845 Light purple sand 875 Darker purple sand 880 Light
DEI	Lithology	15	reddish purple sand 885 Gray sandstone 900 Light reddish purple
DEI	Lithology	16	sandstone 920 Reddish purple sandstone 925 Dark reddish purple 930
DEI	Lithology	17	Very light gray sandstone 935 Light reddish purple 945 Gray and
DEI	Lithology	18	light reddish purple sandstone 950 Light red 1010 Light and dark
DEI	Lithology	19	brown sandstone - no purple 1031 Purplish brown 1035 White hard
DEI	Lithology	20	sandstone-helium gas came in here - Coconino 1040 Yellow powdery
DEI	Lithology	21	sand - Coconino 1045 Yellowish sandstone 1055 Hard white sandstone
DEI	Lithology	22	1076 Light brown sandstone 1080 Yellow powdery sand 1345 Soft
DEI	Lithology	23	fine sandstone, more like silt - Coconino 1350 Reddish to tan
DEI	Lithology	24	sandstone (Top Supai) 1375 Yellow silt (Coconino?) 1385 Reddish
DEI	Lithology	25	fine grained sand 1435 Reddish, coarser grained sand 1450 Brownish
DEI	Lithology	26	red shale 1460 White sand 1485 Still more reddish sandstone 1495
DEI	Lithology	27	Red Coarse thin sandstone 1500 Finer grained sandstone and shale
DEI	Lithology	28	1505 Fine reddish sandstone 1510 Coarse grained reddish sandstone
DEI	Lithology	29	1515 Very coarse dark gray sandstone 1520 Red Supai

02001051300001

General Information

1 STATE			
Data Source:	PI		
API:	02001051300001	IC:	
State:	ARIZONA	County:	APACHE
Field:	PINTA DOME	Operator:	KERR-MCGEE CORP
Initial Class:	DEVELOPMENT RECOMPLETION (D X)	Final Well Class:	DEVELOPMENT WELL-HELIUM (DH)
Status:	HELIUM	Target Objective:	
Permit:	on Sep 16, 1956	Hole Direction:	VERTICAL
First Report Date:	Sep 15, 1972	Abandonment Date:	
Projected TD:		Projected Formation:	SUPAI
Geologic Province:	BLACK MESA BASIN	Formation at TD:	SUPAI

Location

Section, Twp., Range:	34 20N 26E	Data Source:	PI
Spot Code:	SE SW SW		
Footage NS EW Origin:	550 FSL 1255 FWL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0839319 -109.5719022	Lat/Long Source:	IH Datum: NAD27

Dates and Depths

Data Source:	PI		
Spud:	Sep 26, 1956	Spud Date Code:	A
TD:	1,550 FT	TD Date:	
TVD:		PlugBack Depth:	
Formation Code TD:	419SUPI	Formation Name TD:	SUPAI
Ref. Elevation:	5,780 FT KB	KB. Elevation:	5,780 FT
Ground Elevation:		LTD:	1,534 FT
Contractor:	NOT REPORTED		
Completed:	Oct 23, 1956	Final Drilling:	
Rig Release Date:		Rig #:	
Tool:	ROTARY		

Production Tests

PT: 001			
Data Source:	PI		
Top Formation Name:	COCONINO	Top Formation Code:	452CCNN
Base Formation Name:	COCONINO	Base Formation Code:	452CCNN
Oil:		Condensate:	
Gas:	10,000 MCFD	Water:	
Interval:	1,150 - 1,152	Method:	FLOWING
Duration of Test:	Hours	Choke:	
Oil Gravity:		GOR:	
Cond Gravity:		Cond Ratio:	
Prod Method:	PERF	Main Fluid Code:	
PT: 002			
Data Source:	PI		
Top Formation Name:	COCONINO	Top Formation Code:	452CCNN
Base Formation Name:	COCONINO	Base Formation Code:	452CCNN
Oil:		Condensate:	
Gas:	1,993 MCFD	Water:	

Interval:	1,150 - 1,152	Method:	FLOWING
Duration of Test:	Hours	Choke:	
Oil Gravity:		GOR:	
Cond Gravity:		Cond Ratio:	
Prod Method:	PERF	Main Fluid Code:	

Gas Analysis

Test	Data Source	Gravity	Temp	Hydrogen Sulfide
001	PI			
002	PI			

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	1150 - 1152		BULLT		8 FT	PERF	452CCNN	COCONINO
002	PI	1150 - 1152		BULLT		8 FT	PERF	452CCNN	COCONINO

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
501MNKP	PI	MOENKOPI	85				LOG		501
452CCNN	PI	COCONINO	1,035				LOG		452
419SUPI	PI	SUPAI	1,350				LOG		419

Dwights Energydata Narrative

Accumulated through 1997

Old Information

Spud Date:	Sep 26, 1956	Data Source:	PI
Old TD:	1,550 FT	Data Source:	PI

02001051340000

General Information

Data Source:	PI	IC:	
API:	02001051340000	County:	APACHE
State:	ARIZONA	Operator:	KERR-MCGEE CORP
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-HELIUM (DH)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	HELIUM	Hole Direction:	VERTICAL
Permit:	on Oct 08, 1955	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	
Projected TD:	2,000 FT	Formation at TD:	SUPAI
Geologic Province:	BLACK MESA BASIN		
IP Summary:			
Oil:	Gas: 2,400 MCFD	Water:	Top Form: COCONINO

Location

Section, Twp., Range:	34 20N 26E	Data Source:	PI
Spot Code:	NW SE		
Footage NS EW Origin:	2175 FSL 1700 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0883295 -109.5640294	Lat/Long Source:	IH Datum: NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Oct 18, 1955	TD Date:	
TD:	2,500 FT	PlugBack Depth:	1,174 FT
TVD:		Formation Name TD:	SUPAI
Formation Code TD:	419SUPI	KB. Elevation:	
Ref. Elevation:	5,773 FT DF	LTD:	2,501 FT
Ground Elevation:	5,770 FT GR		
Contractor:	MCCRAY W H	Final Drilling:	
Completed:	Oct 26, 1956	Rig #:	
Rig Release Date:			
Tool:	CABLE		

Initial Potential Tests

IP: 001	Data Source: PI		
Top Formation Name:	COCONINO	Top Formation Code:	452CCNN
Base Formation Name:	COCONINO	Base Formation Code:	452CCNN
Oil:		Condensate:	
Gas:	2,400 MCFD	Water:	
Interval:	1,000 - 1,124 GROSS	Method:	FLOWING
Duration of Test:	Hours	Choke:	
Oil Gravity:		GOR:	
Cond Gravity:		Cond Ratio:	

Gas Analysis

Test	Data Source	Gravity	Temp	Hydrogen Sulfide
001	PI			

Perforations

Scout Ticket

Mon Apr 09, 2012

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	1000 - 1020					PERF	452CCNN	COCONINO
001	PI	1120 - 1124					PERF	452CCNN	COCONINO

Production Tests

PT: 001

Data Source:	PI		
Top Formation Name:	COCONINO	Top Formation Code:	452CCNN
Base Formation Name:	COCONINO	Base Formation Code:	452CCNN
Oil:		Condensate:	
Gas:	2,000 MCFD	Water:	
Interval:	994 - 1,030	Method:	FLOWING
Duration of Test:	Hours	Choke:	
Oil Gravity:		GOR:	
Cond Gravity:		Cond Ratio:	
Prod Method:	PERF	Main Fluid Code:	

PT: 002

Data Source:	PI		
Top Formation Name:	COCONINO	Top Formation Code:	452CCNN
Base Formation Name:	COCONINO	Base Formation Code:	452CCNN
Oil:		Condensate:	
Gas:	10,000 MCFD	Water:	
Interval:	994 - 1,030	Method:	FLOWING
Duration of Test:	Hours	Choke:	
Oil Gravity:		GOR:	
Cond Gravity:		Cond Ratio:	
Prod Method:	PERF	Main Fluid Code:	

PT: 003

Data Source:	PI		
Top Formation Name:	COCONINO	Top Formation Code:	452CCNN
Base Formation Name:	COCONINO	Base Formation Code:	452CCNN
Oil:		Condensate:	
Gas:	2,400 MCFD	Water:	
Interval:	1,000 - 1,124 GROSS	Method:	FLOWING
Duration of Test:	Hours	Choke:	
Oil Gravity:		GOR:	
Cond Gravity:		Cond Ratio:	
Prod Method:	PERF	Main Fluid Code:	

CAOF

Test	Data Source	Calc	4 Point	Flow	Shut-in
003	PI				

Four-point Tests

Test	Data Source	Point	Choke	Rate	Pressure	BH Pressure
003	PI	1	32/64	470 MCFD	91 PSIG	
003	PI	2	40/64	675 MCFD	85 PSIG	
003	PI	3	48/64	916 MCFD	72 PSIG	
003	PI	4	56/64	1,162 MCFD	72 PSIG	

Bottom Hole Pressures

Test	Data Source	FBHP	BHT	Depth	Period	Description
003	PI	99 PSIG		1,000 FT		

Gas Analysis

Test	Data Source	Gravity	Temp	Hydrogen Sulfide
003	PI	0.901 API_DEG		

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	994 - 1030					PERF	452CCNN	COCONINO
002	PI	994 - 1030					PERF	452CCNN	COCONINO
003	PI	1000 - 1020					PERF	452CCNN	COCONINO
003	PI	1120 - 1124					PERF	452CCNN	COCONINO

Cores

CORE ID: 001

Formation:	452CCNN COCONINO	Data Source:	PI
Interval:	1545-1581	Rec:	36 FT
Core Type:	CONV	Show Type:	
Description:	36 SHALE & ANHY STRNGRS, ROCK SALT		

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	8 1/2 IN	285 FT	
CASING	PI	7 IN	1,227 FT	190 SACK

Drilling Journal

Show

Obs	Data Source	Top Depth	Base Depth	Type	Top Form	Base Form	Sample
1	PI	832	832	GAS			

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
452CCNN	PI	COCONINO	994				LOG		452
419SUPI	PI	SUPAI	1,245				LOG		419

Dwights Energydata Narrative

Accumulated through 1997

02001051350000

General Information

1-31 SPURLOCK & WETZLER

Data Source:	PI	IC:	
API:	02001051350000	County:	APACHE
State:	ARIZONA	Operator:	LINEHAN&STOLTENBERG
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (D)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	D&A-G	Hole Direction:	VERTICAL
Permit:	on Mar 31, 1961	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	COCONINO
Projected TD:	1,100 FT	Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	31 20N 26E	Data Source:	PI
Spot Code:	SE NE		
Footage NS EW Origin:	2500 FNL 660 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0902066 -109.6135854	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Apr 10, 1961	TD Date:	
TD:	860 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,535 FT DF	LTD:	875 FT
Ground Elevation:	5,532 FT GR		
Contractor:	MYERS	Final Drilling:	
Completed:	Apr 28, 1961	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Production Tests

PT: 001			
Data Source:	PI	Top Formation Code:	452CCNN
Top Formation Name:	COCONINO	Base Formation Code:	452CCNN
Base Formation Name:	COCONINO	Condensate:	
Oil:		Water:	
Gas:		Method:	UNDESIGNATED
Interval:	809 - 818	Choke:	
Duration of Test:	Hours	GOR:	
Oil Gravity:		Cond Ratio:	
Cond Gravity:		Main Fluid Code:	X
Prod Method:	PERF		
Remarks on PT Test:	Data Source: PI	MCFD TSTM, 1 BSWTR PER HOUR	

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	809 - 818				2 FT	PERF	452CCNN	COCONINO

Treatments

Treatment: 001

Interval:	809 - 818				
Fluid:	500 GAL	ACID	Type:	A	
Additive:					
Prop Agent:		Amount:			
Form. Break Down Pressure:					
Average Injection Rate:		Instant Shut-in Pressure:			
Stages:	Remarks:	SLI GAS SHOW			

Drill Stem Tests

DST: 001		Data Source:	PI
Show:	S	Formation:	COCONINO
Interval:	807 - 822	BHT:	
Choke: Top:		Bottom:	
Dst Test Remark	GOOD BLOW FOR 20 MIN & DIED		
DST: 002		Data Source:	PI
Show:		Formation:	COCONINO
Interval:	822 - 837	BHT:	
Choke: Top:		Bottom:	
Dst Test Remark	GOOD BLOW FOR 2 MIN, DIED		
DST: 003		Data Source:	PI
Show:	S	Formation:	COCONINO
Interval:	837 - 852	BHT:	
Choke: Top:		Bottom:	
Dst Test Remark	VERY STRONG BLOW FOR 10 MIN, DIED		

Pipe Recovery

Test	Data Source	Recovery	Type	Rec Method
001	PI	180 FT	GCM	PIPE
002	PI	60 FT	M	PIPE
003	PI	90 FT	VHGCM	PIPE
003	PI	180 FT	HGCXW	PIPE

Pressure and Time

Test	Data Source	Init	Hydro Final	Init	Init Flow Final	Init	Final Flow Final	Init	Shutin Final	Init	Open Time Final	Init	Shutin Time Final
001	PI	365	360	60	103				170	20			30
002	PI	365	360	30	32				35	30			30
003	PI	400	390	99	130				130	11			30

Cores

CORE ID: 001

Formation:	452CCNN COCONINO	Data Source:	PI
Interval:	807-822	Rec:	15 FT
Core Type:	CONV	Show Type:	
Description:	15 SS, WHITE, MED-COARSE GRAINED, FAIR PORO		

CORE ID: 002

Formation:	452CCNN COCONINO	Data Source:	PI
Interval:	822-837	Rec:	15 FT
Core Type:	CONV	Show Type:	
Description:	15 SS, WHITE, HARD, MED		

CORE ID: 003		GRAINED			
Formation:	452CCNN	COCONINO		Data Source:	PI
Interval:	837-852			Rec:	15 FT
Core Type:	CONV			Show Type:	
Description:	15 SS, BUFF, MED GRAIN SOME PORO AND GAS SHOW				

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth		Cement	
CASING	PI	5 1/2 IN	119	FT	16	SACK
CASING	PI	2 7/8 IN	852	FT	75	SACK

Drilling Journal

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
452CCNN	PI	COCONINO	805				LOG		452
452CCNN	PI	COCONINO	807				SPL		452

Logs

Log	Data Source	Type	Top Depth	Base Depth	Logging Co.	BHT	since circ.
1	PI	EL					

Dwights Energydata Narrative

Accumulated through 1997

02001051360000

General Information

4 STATE			
Data Source:	PI		
API:	02001051360000	IC:	
State:	ARIZONA	County:	APACHE
Field:	PINTA DOME	Operator:	KERR-MCGEE CORP
Initial Class:	DEVELOPMENT WELL (D)	Final Well Class:	DEVELOPMENT WELL-HELIUM (DH)
Status:	HELIUM	Target Objective:	
Permit:	on Apr 24, 1957	Hole Direction:	VERTICAL
First Report Date:	Sep 15, 1972	Abandonment Date:	
Projected TD:	1,200 FT	Projected Formation:	COCONINO
Geologic Province:	BLACK MESA BASIN	Formation at TD:	COCONINO
IP Summary:			
Oil:	Gas: 420 MCFD	Water:	Top Form: COCONINO

Location

Section, Twp., Range:	32 20N 26E	Data Source:	PI
Spot Code:	NW SW NE		
Footage NS EW Origin:	1650 FNL 2310 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0925102 -109.6013596	Lat/Long Source:	IH Datum: NAD27

Dates and Depths

Data Source:	PI		
Spud:	May 04, 1957	Spud Date Code:	
TD:	836 FT	TD Date:	
TVD:		PlugBack Depth:	832 FT
Formation Code TD:	452CCNN	Formation Name TD:	COCONINO
Ref. Elevation:	5,575 FT KB	KB. Elevation:	5,575 FT
Ground Elevation:	5,564 FT GR	LTD:	836 FT
Contractor:			
Completed:	May 10, 1957	Final Drilling:	
Rig Release Date:		Rig #:	
Tool:	ROTARY		

Initial Potential Tests

IP: 001	Data Source: PI		
Top Formation Name:	COCONINO	Top Formation Code:	452CCNN
Base Formation Name:	COCONINO	Base Formation Code:	452CCNN
Oil:		Condensate:	
Gas:	420 MCFD	Water:	
Interval:	828 - 836	Method:	FLOWING
Duration of Test:	Hours	Choke:	
Oil Gravity:		GOR:	
Cond Gravity:		Cond Ratio:	
IP: 1	Data Source: DEI		
Top Formation Name:		Top Formation Code:	
Base Formation Name:		Base Formation Code:	
Oil:		Condensate:	
Gas:		Water:	
Interval:	-	Method:	

Duration of Test:	Hours	Choke:
Oil Gravity:		GOR:
Cond Gravity:		Cond Ratio:
Remarks on IP Test	Data Source: PI	F 420 MCFGPD 8 BWPD

Gas Analysis

Test	Data Source	Gravity	Temp	Hydrogen Sulfide
001	PI	0.91 API_DEG		

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	828 - 836					OPENHOLE	452CCNN	COCONINO

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	8 5/8 IN	167 FT	100 SACK
CASING	PI	5 1/2 IN	828 FT	200 SACK

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
452CCNN	PI	COCONINO	828				LOG		452

Dwights Energydata Narrative

Accumulated through 1997

Data Source	Type	Nbr	Remark
DEI	IP	1	F 420 MCFGPD 8 BWPD

02001051370000

General Information

3 FEE

Data Source:	PI	IC:	
API:	02001051370000	County:	APACHE
State:	ARIZONA	Operator:	KERR-MCGEE CORP
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (D)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	D&A	Hole Direction:	VERTICAL
Permit:	on Mar 02, 1961	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	COCONINO
Projected TD:	1,100 FT	Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	35 20N 26E	Data Source:	PI
Spot Code:	NW NE		
Footage NS EW Origin:	660 FNL 1980 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0949718 -109.5471173	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Mar 12, 1961	TD Date:	
TD:	1,086 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,651 FT DF	LTD:	1,088 FT
Ground Elevation:	5,645 FT GR		
Contractor:	SMITH C C	Final Drilling:	
Completed:	Mar 21, 1961	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	8 5/8 IN	177 FT	101 SACK

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
452CCNN	PI	COCONINO	1,069				LOG		452

Dwights Energydata Narrative

Accumulated through 1997

02001051380000

General Information

2 FEE

Data Source:	PI	IC:	
API:	02001051380000	County:	APACHE
State:	ARIZONA	Operator:	KERR-MCGEE CORP
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-HELIUM (DH)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	HELIUM	Hole Direction:	VERTICAL
Permit:	on Apr 14, 1957	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	COCONINO
Projected TD:	1,200 FT	Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		
IP Summary:			
Oil:	Gas: 10,000 MCFD	Water:	Top Form: COCONINO

Location

Section, Twp., Range:	35 20N 26E	Data Source:	PI
Spot Code:	N2 NW		
Footage NS EW Origin:	660 FNL 1320 FWL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0949718 -109.5537943	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Apr 24, 1957	TD Date:	
TD:	1,011 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,732 FT GR	LTD:	1,006 FT
Ground Elevation:	5,732 FT GR		
Contractor:	GEO RILEY DRLG	Final Drilling:	
Completed:	May 03, 1957	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Initial Potential Tests

IP: 001	Data Source: PI		
Top Formation Name:	COCONINO	Top Formation Code:	452CCNN
Base Formation Name:	COCONINO	Base Formation Code:	452CCNN
Oil:		Condensate:	
Gas:	10,000 MCFD	Water:	
Interval:	959 - 1,011	Method:	FLOWING
Duration of Test:	Hours	Choke:	
Oil Gravity:		GOR:	
Cond Gravity:		Cond Ratio:	
IP: 1	Data Source: DEI		
Top Formation Name:		Top Formation Code:	
Base Formation Name:		Base Formation Code:	
Oil:		Condensate:	
Gas:		Water:	
Interval:	-	Method:	

Duration of Test: Hours
Oil Gravity:
Cond Gravity:
Remarks on IP Test Data Source: PI 10,000 MCF helium/2 hrs.
Choke:
GOR:
Cond Ratio:

Pressures

Test	Data Source	FTP	FCP	SITP	SICP
001	PI				99 PSIG

Gas Analysis

Test	Data Source	Gravity	Temp	Hydrogen Sulfide
001	PI	0.91 API_DEG		

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	959 - 1011					OPENHOLE	452CCNN	COCONINO

Production Tests

PT: 001

Data Source: PI
Top Formation Name: COCONINO
Base Formation Name: COCONINO
Oil:
Gas: 10,000 MCFD
Interval: 959 - 1,011
Duration of Test: Hours
Oil Gravity:
Cond Gravity:
Prod Method: OPENHOLE
Top Formation Code: 452CCNN
Base Formation Code: 452CCNN
Condensate:
Water:
Method: FLOWING
Choke:
GOR:
Cond Ratio:
Main Fluid Code:

Pressures

Test	Data Source	FTP	FCP	SITP	SICP
001	PI				99 PSIG

Gas Analysis

Test	Data Source	Gravity	Temp	Hydrogen Sulfide
001	PI	0.91 API_DEG		

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	959 - 1011					OPENHOLE	452CCNN	COCONINO

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	8 5/8 IN	170 FT	100 SACK
CASING	PI	5 1/2 IN	959 FT	150 SACK

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
452CCNN	PI	COCONINO	952				SPL		452

Dwights Energydata Narrative
Accumulated through 1997

Data Source	Type	Nbr	Remark
DEI	IP	1	10,000 MCF helium/2 hrs.
Data Source	Type	Nbr	Remark
DEI	Perf	1	959-1006
DEI	Perf	1	w/4

02001051420000

General Information

1-21 SPURLOCK-WETZLER

Data Source:	PI	IC:	
API:	02001051420000	County:	APACHE
State:	ARIZONA	Operator:	LINEHAN&STOLTENBERG
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (D)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	D&A	Hole Direction:	VERTICAL
Permit:	on Mar 25, 1961	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	COCONINO
Projected TD:	1,100 FT	Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	21 20N 26E	Data Source:	PI
Spot Code:	SW SW SE		
Footage NS EW Origin:	330 FSL 2310 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.1122324 -109.5836034	Lat/Long Source:	IH Datum: NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Apr 04, 1961	TD Date:	
TD:	1,082 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,600 FT GR	LTD:	1,076 FT
Ground Elevation:	5,600 FT GR		
Contractor:	MYERS W T	Final Drilling:	
Completed:	Apr 10, 1961	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Cores

CORE ID: 001			
Formation:	452CCNN COCONINO	Data Source:	PI
Interval:	1058-1072	Rec:	14 FT
Core Type:	CONV	Show Type:	
Description:	14 SS, BUFF-RED, MED GRAIN HARD, TIGHT, SALT WTR WET		
CORE ID: 002			
Formation:		Data Source:	DEI
Interval:	-	Rec:	
Core Type:		Show Type:	

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	5 1/2 IN	118 FT	18 SACK

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
452CCNN	PI	COCONINO	1,056				LOG		452

Dwights Energydata Narrative

Accumulated through 1997

Data Source	Type	Nbr	Remark
DEI	Cores	002	#1 1057- 1071
DEI	Cores	002	Rec 14 Ss brn porous FG

02001051450000

General Information

1 CODY HARRIS

Data Source:	PI	IC:	
API:	02001051450000	County:	APACHE
State:	ARIZONA	Operator:	WILSON LEYRONE
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (D)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	D&A	Hole Direction:	VERTICAL
Permit:	on Jun 08, 1960	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	COCONINO
Projected TD:	1,250 FT	Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	13 20N 26E	Data Source:	PI
Spot Code:	SW SW		
Footage NS EW Origin:	660 FSL 660 FWL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.1276472 -109.5383377	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Jun 18, 1960	TD Date:	
TD:	1,270 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,630 FT GR	LTD:	1,274 FT
Ground Elevation:	5,630 FT GR		
Contractor:		Final Drilling:	
Completed:	Jul 17, 1960	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	8 5/8 IN	100 FT	50 SACK
CASING	PI	2 7/8 IN	1,260 FT	50 SACK

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
503CHNL	PI	CHINLE	812				LOG		503
503SRMP	PI	SHINARUMP	941				LOG		503
501MNKP	PI	MOENKOPI	994				LOG		501
452CCNN	PI	COCONINO	1,099				LOG		452

Dwights Energydata Narrative

Accumulated through 1997

Data Source	Type	Nbr	Remark
DEI	Lithology	1	100 sh & sdy sh 300 sd 311 sh w/sd strgrs 375 sd 400 sh
DEI	Lithology	2	w/some sdy strks 490 sd w/sh strgr 520 sh w/sd strgrs 570 sd 605

Data Source	Type	Nbr	Remark
DEI	Lithology	3	sh w/sd strgrs 630 sd w/sh strks 670 sh 700 sd strgrs wi/ sh
DEI	Lithology	4	beds between 800 SAND 860 sh 870 Sd Congl with sh strgrs 941
DEI	Lithology	5	Sd & Congl 994 Sh w/ sd strgrs 1099 Sand 1117 Top of water 1117
DEI	Lithology	6	Sand (Conconino)

02001052550000

General Information

1 HORTENSTINE

Data Source:	PI	IC:	
API:	02001052550000	County:	APACHE
State:	ARIZONA	Operator:	ELI OIL & GAS DEV
Field:	PINTA DOME	Final Well Class:	NEW POOL WILDCAT-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (WP)
Initial Class:	NEW POOL WILDCAT (WP)		
Status:	D&A-G	Target Objective:	
Permit:	on May 11, 1966	Hole Direction:	VERTICAL
First Report Date:	Sep 15, 1972	Abandonment Date:	
Projected TD:	750 FT	Projected Formation:	SHINARUMP
Geologic Province:	BLACK MESA BASIN	Formation at TD:	COCONINO

Location

Section, Twp., Range:	15 19N 26E	Data Source:	PI
Spot Code:	SE SE		
Footage NS EW Origin:	660 FSL 660 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0406831 -109.5609623	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	May 21, 1966	TD Date:	
TD:	986 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,725 FT GR	LTD:	988 FT
Ground Elevation:	5,725 FT GR		
Contractor:	L K HARDER	Final Drilling:	
Completed:	Jun 13, 1966	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Production Tests

PT: 001

Data Source:	PI	Top Formation Code:	503SRMP
Top Formation Name:	SHINARUMP	Base Formation Code:	503SRMP
Base Formation Name:	SHINARUMP	Condensate:	
Oil:		Water:	
Gas:		Method:	SWABBING
Interval:	884 - 906 GROSS	Choke:	
Duration of Test:	Hours	GOR:	
Oil Gravity:		Cond Ratio:	
Cond Gravity:		Main Fluid Code:	
Prod Method:	PERF		
Remarks on PT Test:	Data Source: PI		PRESSURES NOT AVAILABLE REC LOAD WTR AND SOME GAS

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	884 - 884		AJET		2 FT	PERF	503SRMP	SHINARUMP
001	PI	886 - 886		AJET		2 FT	PERF	503SRMP	SHINARUMP

Scout Ticket

Mon Apr 09, 2012

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	888 - 888		AJET		2 FT	PERF	503SRMP	SHINARUMP
001	PI	891 - 891		AJET		2 FT	PERF	503SRMP	SHINARUMP
001	PI	895 - 895		AJET		2 FT	PERF	503SRMP	SHINARUMP
001	PI	902 - 902		AJET		2 FT	PERF	503SRMP	SHINARUMP
001	PI	906 - 906		AJET		2 FT	PERF	503SRMP	SHINARUMP

Treatments

Treatment: 001

Interval:	884 - 906				
Fluid:	16,000 GAL	FRAC	Type:	W	
Additive:					
Prop Agent:	SAND	Amount:	16,000 LB		
Form. Break Down Pressure:					
Average Injection Rate:		Instant Shut-in Pressure:			
Stages:	Remarks:				

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	4 1/2 IN	986 FT	300 SACK

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
503SRMP	PI	SHINARUMP	879				LOG		503
501MNKP	PI	MOENKOPI	909				LOG		501
452CCNN	PI	COCONINO	969				LOG		452

Logs

Log	Data Source	Type	Top Depth	Base Depth	Logging Co.	BHT	since circ.
1	PI	IL					

Dwights Energydata Narrative

Accumulated through 1997

02001052650000

General Information

3-A STATE

Data Source:	PI	IC:	
API:	02001052650000	County:	APACHE
State:	ARIZONA	Operator:	KERR-MCGEE CORP
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-GAS (DG)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	GAS	Hole Direction:	VERTICAL
Permit:	on Apr 07, 1966	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	COCONINO
Projected TD:	1,150 FT	Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		
IP Summary:			
Oil:	Gas: 584 MCFD	Water:	Top Form: COCONINO

Location

Section, Twp., Range:	4 19N 26E	Data Source:	PI
Spot Code:	NE NE		
Footage NS EW Origin:	330 FNL 330 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0815500 -109.5772244	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Apr 17, 1966	TD Date:	
TD:	1,005 FT	PlugBack Depth:	997 FT
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,765 FT GR	LTD:	1,004 FT
Ground Elevation:	5,765 FT GR		
Contractor:	STEWART BROTHERS	Final Drilling:	
Completed:	Apr 23, 1966	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Initial Potential Tests

IP: 001	Data Source: PI		
Top Formation Name:	COCONINO	Top Formation Code:	452CCNN
Base Formation Name:	COCONINO	Base Formation Code:	452CCNN
Oil:		Condensate:	
Gas:	584 MCFD	Water:	
Interval:	965 - 980	Method:	FLOWING
Duration of Test:	Hours	Choke:	
Oil Gravity:		GOR:	
Cond Gravity:		Cond Ratio:	
Remarks on IP Test	Data Source: PI	PERF 965-980 FLOWED 584 MCFGPD, OPEN, NATURAL, CHOKE AND PRESSURES NOT AVAILABLE	
IP: 1	Data Source: DEI		
Top Formation Name:		Top Formation Code:	
Base Formation Name:		Base Formation Code:	
Oil:		Condensate:	
Gas:		Water:	

Interval:	-	Method:	
Duration of Test:	Hours	Choke:	
Oil Gravity:		GOR:	
Cond Gravity:		Cond Ratio:	
Remarks on IP Test	Data Source: PI	584 MCFPD, .901 spec. grav., SICP mi lb	

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	965 - 980		JET		4 FT	PERF	452CCNN	COCONINO

Drill Stem Tests

DST: 1		Data Source:	DEI
Show:		Formation:	
Interval:	-	BHT:	
Choke: Top:		Bottom:	
Dst Test Remark	None		

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	7 5/8 IN	200 FT	125 SACK
CASING	PI	6 3/4 IN	1,004 FT	250 SACK

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
452CCNN	PI	COCONINO	965				LOG		452

Dwights Energydata Narrative

Accumulated through 1997

Data Source	Type	Nbr	Remark
DEI	IP	1	584 MCFPD, .901 spec. grav., SICP mi lb
Data Source	Type	Nbr	Remark
DEI	Perf	1	965-980
DEI	Perf	1	w/4 SPF
Data Source	Type	Nbr	Remark
DEI	DST	1	None
Data Source	Type	Nbr	Remark
DEI	Lithology	1	780 Shale 864 Shale with small sand stringers 965 Sand

02001052830000

General Information

1 STATE			
Data Source:	PI	IC:	
API:	02001052830000	County:	APACHE
State:	ARIZONA	Operator:	SIERRA DRILLING CO
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (D)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	OIL
Status:	D&A-O	Hole Direction:	VERTICAL
Permit:	on Jun 27, 1960	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	COCONINO
Projected TD:		Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	2 19N 25E	Data Source:	PI
Spot Code:	C SW NE		
Footage NS EW Origin:	1980 FNL 1980 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0772360 -109.6529860	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	A
Spud:	Jul 07, 1960	TD Date:	
TD:	1,046 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,609 FT GR	LTD:	1,047 FT
Ground Elevation:	5,609 FT GR		
Contractor:	NOT REPORTED	Final Drilling:	
Completed:	Oct 10, 1960	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Production Tests

PT: 001			
Data Source:	PI	Top Formation Code:	452CCNN
Top Formation Name:	COCONINO	Base Formation Code:	452CCNN
Base Formation Name:	COCONINO	Condensate:	
Oil:	0 BBL	Water:	
Gas:		Method:	SWABBING
Interval:	973 - 976	Choke:	
Duration of Test:	Hours	GOR:	
Oil Gravity:		Cond Ratio:	
Cond Gravity:		Main Fluid Code:	
Prod Method:	PERF		
Remarks on PT Test:	Data Source: PI		SWBD SALTWATER AND MUD GAS TSTM

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	973 - 976				2 FT	PERF	452CCNN	COCONINO

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	8 5/8 IN	42 FT	5 SACK
CASING	PI	4 IN	990 FT	50 SACK

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
503SRMP	PI	SHINARUMP	807				LOG		503
501MNKP	PI	MOENKOPI	830				LOG		501
452CCNN	PI	COCONINO	973				LOG		452

Dwights Energydata Narrative

Accumulated through 1997

02001052860000

General Information

4 STATE			
Data Source:	PI	IC:	
API:	02001052860000	County:	APACHE
State:	ARIZONA	Operator:	SIERRA DRILLING CO
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (D)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	D&A	Hole Direction:	VERTICAL
Permit:	on Aug 21, 1960	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	COCONINO
Projected TD:		Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	12 19N 26E	Data Source:	PI
Spot Code:	C NE SW		
Footage NS EW Origin:	1980 FSL 1980 FWL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0586988 -109.5342123	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Aug 31, 1960	TD Date:	
TD:	1,098 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,756 FT GR	LTD:	1,111 FT
Ground Elevation:	5,756 FT GR		
Contractor:		Final Drilling:	
Completed:	Sep 03, 1960	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Casing, Liner, Tubing

Narrative	Data Source	Type	Remark
	PI	CASING	NO SURFACE CSG SET

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
503CHNL	PI	CHINLE	752				LOG		503
503SRMP	PI	SHINARUMP	878				LOG		503
501MNKP	PI	MOENKOPI	903				LOG		501
452CCNN	PI	COCONINO	984				LOG		452

Dwights Energydata Narrative

Accumulated through 1997

02001052870000

General Information

3 SANTA FE

Data Source:	PI	IC:	
API:	02001052870000	County:	APACHE
State:	ARIZONA	Operator:	SIERRA DRILLING CO
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (D)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	D&A	Hole Direction:	VERTICAL
Permit:	on Aug 20, 1960	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	COCONINO
Projected TD:		Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	16 19N 26E	Data Source:	PI
Spot Code:	C SW NE		
Footage NS EW Origin:	1980 FNL 1980 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0479976 -109.5829322	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Aug 30, 1960	TD Date:	
TD:	1,016 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,730 FT GR	LTD:	
Ground Elevation:	5,730 FT GR		
Contractor:		Final Drilling:	
Completed:	Sep 08, 1960	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Casing, Liner, Tubing

Narrative	Data Source	Type	Remark
	PI	CASING	NO SURFACE CASING SET

Participating Interests Journal

Nbr	Data Source	Remark
1	PI	F/O FROM EASTERN PETROLEUM,

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
503CHNL	PI	CHINLE	708				LOG		503
503SRMP	PI	SHINARUMP	828				LOG		503
501MNKP	PI	MOENKOPI	846				LOG		501
452CCNN	PI	COCONINO	984				LOG		452

Dwights Energydata Narrative
Accumulated through 1997

02001052920000

General Information

1 STATE			
Data Source:	PI	IC:	
API:	02001052920000	County:	APACHE
State:	ARIZONA	Operator:	EASTERN PETROLEUM CO
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (D)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	GAS
Status:	D&A-G	Hole Direction:	VERTICAL
Permit:	on Jun 07, 1959	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	UNKNOWN
Projected TD:		Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		
IP Summary:			
Oil:	Gas:	Water:	Top Form:

Location

Section, Twp., Range:	28 20N 26E	Data Source:	PI
Spot Code:	C SE SE		
Footage NS EW Origin:	660 FSL 660 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0983613 -109.5780599	Lat/Long Source:	IH Datum: NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	A
Spud:	Jun 17, 1959	TD Date:	
TD:	1,091 FT	PlugBack Depth:	1,051 FT
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	5,703 FT
Ref. Elevation:	5,703 FT KB	LTD:	1,076 FT
Ground Elevation:			
Contractor:	NOT REPORTED	Final Drilling:	
Completed:	Jun 24, 1959	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Initial Potential Tests

IP: 1	Data Source: DEI	Top Formation Code:	
Top Formation Name:		Base Formation Code:	
Base Formation Name:		Condensate:	
Oil:		Water:	
Gas:		Method:	
Interval:	-	Choke:	
Duration of Test:	Hours	GOR:	
Oil Gravity:		Cond Ratio:	
Cond Gravity:			
Remarks on IP Test	Data Source: PI	2140 MCFGPD on 3/4 ck	

Drill Stem Tests

DST: 001	Data Source: PI
Show: S	Formation: COCONINO

Interval: 940 - 956
 Choke: Top:
 DST: 1
 Show:
 Interval: -
 Choke: Top:
 Dst Test Remark IHP : 00458 FHP : 00453 BHT : 00000 FmRw: 00000

BHT:
 Bottom:
 Data Source: DEI
 Formation:
 BHT:
 Bottom:

Pipe Recovery

Test	Data Source	Recovery	Type	Rec Method
001	PI	35 FT	GCM	PIPE

Materials to Surface

Test	Data Source	Fluid	To Surface	Amount
001	PI	GAS		118 MCFD

Pressure and Time

Test	Data Source	Init	Hydro Final	Init	Init Flow Final	Init	Final Flow Final	Init	Shutin Final	Init	Open Time Final	Init	Shutin Time Final
001	PI	458	453			14	16	59	89		120	60	60

Cores

CORE ID: 001

Formation: 452CCNN COCONINO Data Source: PI
 Interval: 940-956 Rec: 16 FT
 Core Type: CONV Show Type: GAS
 Description: 16, SD, BUFF, SUBROUNDED, VERT, FRACTS BUBBLING, GAS

CORE ID: 002

Formation: 452CCNN COCONINO Data Source: PI
 Interval: 956-969 Rec: 13 FT
 Core Type: CONV Show Type: GAS
 Description: 13, SD, BUFF, F-MG, SUBROUNDED, VERT FRACTS, BUBBLING GAS

CORE ID: 003

Formation: 452CCNN COCONINO Data Source: PI
 Interval: 969-978 Rec: 9 FT
 Core Type: CONV Show Type: GAS
 Description: 9, SD BUFF, FG, SUBROUNDED BUBBLING, GAS

CORE ID: 002

Formation: Data Source: DEI
 Interval: - Rec:
 Core Type: Show Type:

CORE ID: 003

Formation: Data Source: DEI
 Interval: - Rec:
 Core Type: Show Type:

CORE ID: 004

Formation: Data Source: DEI
 Interval: - Rec:
 Core Type: Show Type:

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	8 5/8 IN	48 FT	50 SACK
CASING	PI	4 1/2 IN	1,051 FT	100 SACK

Drilling Journal

Show

Obs	Data Source	Top Depth	Base Depth	Type	Top Form	Base Form	Sample
1	PI	940	956	GAS	452CCNN	452CCNN	
2	PI	956	969	GAS	452CCNN	452CCNN	
3	PI	969	978	GAS	452CCNN	452CCNN	

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
503CHNL	PI	CHINLE	0				LOG		503
503SRMP	PI	SHINARUMP	761				LOG		503
501MNKP	PI	MOENKOPI	801				LOG		501
452CCNN	PI	COCONINO	935				LOG		452

Dwights Energydata Narrative

Accumulated through 1997

Data Source	Type	Nbr	Remark
DEI	IP	1	2140 MCFGPD on 3/4 ck

Data Source	Type	Nbr	Remark
DEI	Perf	1	937-1000

Data Source	Type	Nbr	Remark
DEI	DST	1	IHP : 00458 FHP : 00453 BHT : 00000 FmRw: 00000

Data Source	Type	Nbr	Remark
DEI	Cores	002	#1 940- 956
DEI	Cores	002	Rec 16
DEI	Cores	003	#2 956- 969
DEI	Cores	003	Rec 13
DEI	Cores	004	#3 969- 978
DEI	Cores	004	Rec 9

02001052920001

General Information

1-28 STATE

Data Source:	PI	IC:	
API:	02001052920001	County:	APACHE
State:	ARIZONA	Operator:	EASTERN PETROLEUM CO
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-GAS (DG)
Initial Class:	DEVELOPMENT RECOMPLETION (D X)	Target Objective:	
Status:	GAS-WO	Hole Direction:	VERTICAL
Permit:	on Aug 22, 1960	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	
Geologic Province:	BLACK MESA BASIN	Formation at TD:	COCONINO
IP Summary:			
Oil:	Gas: 2,140 MCFD	Water:	Top Form: COCONINO

Location

Section, Twp., Range:	28 20N 26E	Data Source:	PI
Spot Code:	C SE SE		
Footage NS EW Origin:	660 FSL 660 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0983613 -109.5780599	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Sep 01, 1960	TD Date:	
TD:	1,091 FT	PlugBack Depth:	1,051 FT
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	5,703 FT
Ref. Elevation:	5,703 FT KB	LTD:	
Ground Elevation:			
Contractor:		Final Drilling:	
Completed:	Sep 16, 1960	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Initial Potential Tests

IP: 001	Data Source: PI		
Top Formation Name:	COCONINO	Top Formation Code:	452CCNN
Base Formation Name:	COCONINO	Base Formation Code:	452CCNN
Oil:		Condensate:	
Gas:	2,140 MCFD	Water:	
Interval:	937 - 1,000	Method:	PUMPING
Duration of Test:	Hours	Choke:	
Oil Gravity:		GOR:	
Cond Gravity:		Cond Ratio:	

Pressures

Test	Data Source	FTP	FCP	SITP	SICP
001	PI	83 PSIG	1,000 PSIG		

CAOF

Scout Ticket

Mon Apr 09, 2012

Test	Data Source	Calc	4 Point	Flow	Shut-in
001	PI	2140			

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	937 - 1000				2 FT	PERF	452CCNN	COCONINO

Treatments

Treatment: 001

Interval: 937 - 1,000

Fluid: 1,600 GAL ACID Type: A

Additive:

Prop Agent: Amount:

Form Break Down Pressure:

Average Injection Rate: Instant Shut-in Pressure:

Stages: 2 Remarks:

Treatment: 001

Interval: 937 - 1,000

Fluid: 7,500 GAL FRAC Type: W

Additive:

Prop Agent: SAND Amount: 7,500 LB

Form Break Down Pressure:

Average Injection Rate: 22 BPM Instant Shut-in Pressure:

Stages: Remarks: T P 600-300

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	8 5/8 IN	98 FT	50 SACK
CASING	PI	4 1/2 IN	1,024 FT	100 SACK

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
503SRMP	PI	SHINARUMP	761				LOG		503
501MNKP	PI	MOENKOPI	801				LOG		501
452CCNN	PI	COCONINO	935				LOG		452

Dwights Energydata Narrative

Accumulated through 1997

Old Information

Prior Well Number: 1	1	Data Source: PI
Prior Lease: 1	STATE	Data Source: PI
Spud Date:	Sep 01, 1960	Data Source: PI
Old TD:	1,091 FT	Data Source: PI
Prior Operator: 1	EASTERN PET	Data Source: PI

02001052930000

General Information**1-30 STATE**

Data Source:	PI	IC:	
API:	02001052930000	County:	APACHE
State:	ARIZONA	Operator:	SIERRA DRILLING CO
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (D)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	D&A	Hole Direction:	VERTICAL
Permit:	on Jul 06, 1960	Abandonment Date:	
First Report Date:	Mar 15, 1988	Projected Formation:	COCONINO
Projected TD:		Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	30 20N 26E	Data Source:	PI
Spot Code:	S2 NW SE		
Footage NS EW Origin:	1880 FSL 1980 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.1022721 -109.6179422	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Jul 16, 1960	TD Date:	
TD:	1,036 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,616 FT GR	LTD:	1,034 FT
Ground Elevation:	5,616 FT GR		
Contractor:		Final Drilling:	
Completed:	Jul 20, 1960	Rig #:	
Rig Release Date:			
Tool:			

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	8 5/8 IN	100 FT	

Drilling Journal**Narrative**

Narrative	Data Source	Date	Remark
1	PI	Jul 01, 1960	FARMOUT FROM EASTER PET
2	PI	Jul 01, 1960	TEST FOR HELIUM, LOC

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
503CHNL	PI	CHINLE	750				LOG		503
503SRMP	PI	SHINARUMP	820				LOG		503
501MNKP	PI	MOENKOPI	840				LOG		501
452CCNN	PI	COCONINO	980				LOG		452

Dwights Energydata Narrative
Accumulated through 1997

02001052950000

General Information

15 SANTA FE

Data Source:	PI	IC:	
API:	02001052950000	County:	APACHE
State:	ARIZONA	Operator:	EASTERN PET CORP
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (D)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	D&A	Hole Direction:	VERTICAL
Permit:	on Oct 07, 1962	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	COCONINO
Projected TD:	1,350 FT	Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	15 20N 27E	Data Source:	PI
Spot Code:	SE SW NE		
Footage NS EW Origin:	2600 FNL 1650 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.1350540 -109.4589200	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Oct 17, 1962	TD Date:	
TD:	1,244 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,746 FT DF	LTD:	1,243 FT
Ground Elevation:	5,743 FT GR		
Contractor:	SMITH	Final Drilling:	
Completed:	Oct 25, 1962	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	8 5/8 IN	98 FT	30 SACK

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
452CCNN	PI	COCONINO	1,222				LOG		452

Dwights Energydata Narrative

Accumulated through 1997

02001053130000

General Information

1-5 HORSENTINE

Data Source:	PI	IC:	
API:	02001053130000	County:	APACHE
State:	ARIZONA	Operator:	RAM OIL INC
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (D)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	D&A	Hole Direction:	VERTICAL
Permit:	on Aug 11, 1962	Abandonment Date:	
First Report Date:	Mar 02, 1988	Projected Formation:	COCONINO
Projected TD:	1,200 FT	Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	5 19N 26E	Data Source:	PI
Spot Code:	NE SW NE		
Footage NS EW Origin:	1645 FNL 1645 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0779569 -109.5991591	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Aug 21, 1962	TD Date:	
TD:	948 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,677 FT DF	LTD:	968 FT
Ground Elevation:	5,672 FT GR		
Contractor:	MYERS DRILLING COMPANY	Final Drilling:	
Completed:	Dec 31, 1963	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Drill Stem Tests

DST: 001		Data Source:	PI
Show:		Formation:	SHINARUMP
Interval:	838 - 841	BHT:	
Choke: Top:		Bottom:	
DST: 002		Data Source:	PI
Show:		Formation:	SHINARUMP
Interval:	841 - 844	BHT:	
Choke: Top:		Bottom:	
DST: 003		Data Source:	PI
Show:		Formation:	SHINARUMP
Interval:	844 - 849	BHT:	
Choke: Top:		Bottom:	

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	7 IN	180 FT	30 SACK
CASING	PI	4 1/2 IN	864 FT	60 SACK

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
000CGLM	PI	CONGLOMERATE	687				LOG		000
503SRMP	PI	SHINARUMP	828				LOG		503
452CCNN	PI	COCONINO	928				LOG		452

Logs

Log	Data Source	Type	Top Depth	Base Depth	Logging Co.	BHT	since circ.
1	PI	IL					
2	PI	AV					

Dwights Energydata Narrative

Accumulated through 1997

02001053150000

General Information

1-21 SPURLOCK

Data Source:	PI	IC:	
API:	02001053150000	County:	APACHE
State:	ARIZONA	Operator:	FLETCHER R L
Field:	PINTA DOME	Final Well Class:	WILDCAT OUTPOST-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (WO)
Initial Class:	WILDCAT OUTPOST (WO)		
Status:	D&A	Target Objective:	
Permit:	214 on Sep 29, 1962	Hole Direction:	VERTICAL
First Report Date:	Sep 15, 1972	Abandonment Date:	
Projected TD:	1,000 FT	Projected Formation:	COCONINO
Geologic Province:	BLACK MESA BASIN	Formation at TD:	COCONINO

Location

Section, Twp., Range:	21 19N 26E	Data Source:	PI
Spot Code:	NW SE		
Footage NS EW Origin:	1645 FSL 1645 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0290074 -109.5821295	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Oct 09, 1962	TD Date:	
TD:	925 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,651 FT GR	LTD:	940 FT
Ground Elevation:	5,651 FT GR		
Contractor:	APACHE CORPORATION	Final Drilling:	
Completed:	Oct 23, 1962	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Production Tests

PT: 001

Data Source:	PI	Top Formation Code:	503CHNL
Top Formation Name:	CHINLE	Base Formation Code:	503CHNL
Base Formation Name:	CHINLE	Condensate:	
Oil:	0 BBL	Water:	
Gas:		Method:	SWABBING
Interval:	672 - 683	Choke:	
Duration of Test:	Hours	GOR:	
Oil Gravity:		Cond Ratio:	
Cond Gravity:		Main Fluid Code:	
Prod Method:	PERF		

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	672 - 683				4 FT	PERF	503CHNL	CHINLE

Treatments

Treatment: 001

Interval: 672 - 683
Fluid: 6,000 GAL **FRAC** **Type:** W
Additive:
Prop Agent: SAND **Amount:** 6,000 LB
Form. Break Down Pressure:
Average Injection Rate: **Instant Shut-in Pressure:**
Stages: **Remarks:**

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	4 1/2 IN	723 FT	50 SACK

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
503CHNL	PI	CHINLE	5				LOG		503
501MNKP	PI	MOENKOPI	684				LOG		501
452CCNN	PI	COCONINO	918				LOG		452

Logs

Log	Data Source	Type	Top Depth	Base Depth	Logging Co.	BHT	since circ.
1	PI	IL					

Dwights Energydata Narrative

Accumulated through 1997

Data Source	Type	Nbr	Remark
DEI	Perf	1	672-683
DEI	Perf	1	w/4 SPF - frac w/6000 gal W, 6000 lb sd
Data Source	Type	Nbr	Remark
DEI	Lithology	1	5 SHALE, CLAY & SAND 596 SAND 684 SANDY SHALE 800 SAND 822
DEI	Lithology	2	SHALE 918 SAND

02001053200000

General Information

20 SANTA FE-FEE

Data Source:	PI	IC:	
API:	02001053200000	County:	APACHE
State:	ARIZONA	Operator:	EASTERN PET CORP
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (D)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	D&A	Hole Direction:	VERTICAL
Permit:	on Jul 05, 1963	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	COCONINO
Projected TD:	1,100 FT	Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	23 19N 27E	Data Source:	PI
Spot Code:	C E2		
Footage NS EW Origin:	2640 FNL 1320 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0307330 -109.4396600	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Jul 15, 1963	TD Date:	
TD:	1,557 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	6,160 FT GR	LTD:	1,565 FT
Ground Elevation:	6,160 FT GR		
Contractor:	NOT REPORTED	Final Drilling:	
Completed:	Jul 20, 1963	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	7 IN	97 FT	7 SACK

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
452CCNN	PI	COCONINO	1,543				LOG		452

Logs

Log	Data Source	Type	Top Depth	Base Depth	Logging Co.	BHT	since circ.
1	PI	IL					

Dwights Energydata Narrative

Accumulated through 1997

02001053220000

General Information

1 SPURLOCK-WETZLER-FEE

Data Source:	PI	IC:	020017000386
API:	02001053220000	County:	APACHE
State:	ARIZONA	Operator:	APACHE CORP
Field:	PINTA DOME	Final Well Class:	DEEPER POOL WILDCAT-DRY (WD)
Initial Class:	DEEPER POOL WILDCAT (WD)	Target Objective:	
Status:	D&A-G	Hole Direction:	VERTICAL
Permit:	on Jun 21, 1965	Abandonment Date:	
First Report Date:	Sep 16, 1986	Projected Formation:	COCONINO
Projected TD:	1,000 FT	Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	23 19N 26E	Data Source:	PI
Spot Code:	SE SW NE		
Footage NS EW Origin:	2222 FNL 1912 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0327674 -109.5474736	Lat/Long Source:	IH Datum: NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Jul 01, 1965	TD Date:	
TD:	1,098 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,836 FT GR	LTD:	1,096 FT
Ground Elevation:	5,836 FT GR		
Contractor:		Final Drilling:	
Completed:	Jun 10, 1971	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Production Tests

PT: 001

Data Source:	PI	Top Formation Code:	501MNKP
Top Formation Name:	MOENKOPI	Base Formation Code:	501MNKP
Base Formation Name:	MOENKOPI	Condensate:	
Oil:		Water:	
Gas:	UG	Method:	FLOWING
Interval:	878 - 893	Choke:	
Duration of Test:	Hours	GOR:	
Oil Gravity:		Cond Ratio:	
Cond Gravity:		Main Fluid Code:	
Prod Method:	PERF		
Remarks on PT Test:	Data Source: PI FLWD GAS TSTM.		

PT: 002

Data Source:	PI	Top Formation Code:	501MNKP
Top Formation Name:	MOENKOPI	Base Formation Code:	501MNKP
Base Formation Name:	MOENKOPI	Condensate:	
Oil:			

Scout Ticket

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Gas:	115 MCFD	Water:	
Interval:	854 - 859	Method:	FLOWING
Duration of Test:	Hours	Choke:	12/64
Oil Gravity:		GOR:	
Cond Gravity:		Cond Ratio:	
Prod Method:	PERF	Main Fluid Code:	

Pressures

Test	Data Source	FTP	FCP	SITP	SICP
002	PI		80 PSIG		

Gas Analysis

Test	Data Source	Gravity	Temp	Hydrogen Sulfide
001	PI			

Squeezed

Test	Data Source	Type	Top Depth	Unit	Base Depth	Unit	Plugback	Unit
001	PI	BRPG					875	FT

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	878 - 893					PERF	501MNKP	MOENKOPI
002	PI	854 - 859					PERF	501MNKP	MOENKOPI

Treatments

Treatment: 002

Interval:	854 - 859		
Fluid:	20 TON	TRET	Type: UNKNOWN
Additive:	CO2		
Prop Agent:		Amount:	
Form. Break Down Pressure:			
Average Injection Rate:	9 BPM	Instant Shut-in Pressure:	
Stages:	Remarks:	50 SX SD.	

Drill Stem Tests

DST: 001

Show:		Data Source:	PI
Interval:	903 - 935	Formation:	MOENKOPI
Choke: Top:		BHT:	
Dst Test Remark	REC 1 BBL SWTR W/STDY BLOW.	Bottom:	
Dst Test Remark	NO OTHER DETAILS.		

Pipe Recovery

Test	Data Source	Recovery	Type	Rec Method
001	PI	1 BBL	XW	PIPE

Cores

CORE ID: 002

Formation:		Data Source:	DEI
Interval:	-	Rec:	
Core Type:		Show Type:	

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	8 5/8 IN	27 FT	6 SACK
CASING	PI	2 7/8 IN	940 FT	

Drilling Journal Narrative

Narrative	Data Source	Date	Remark
1	PI	Sep 17, 1965	RUMORED-COMPLETING FROM SHINARUMP(HELIUM)
2	PI	Sep 17, 1965	1300 TD(APPROX), SD

Drilling Remark

Drilling Remark	Data Source	Date	Remark
1	PI	Mar 27, 1975	LOG TOP MOENKOPI NOT RPTD.

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
452CCNN	PI	COCONINO	1,093				LOG		452

Dwights Energydata Narrative

Accumulated through 1997

Data Source	Type	Nbr	Remark
DEI	Cores	002	#1 850- 865
Data Source	Dwights Number		
PI	020017000386		

02001053270000

General Information

1 STATE-6

Data Source:	PI	IC:	
API:	02001053270000	County:	APACHE
State:	ARIZONA	Operator:	EASTERN PET CORP
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (D)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	GAS
Status:	D&A-G	Hole Direction:	VERTICAL
Permit:	on May 11, 1959	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	
Projected TD:		Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	6 19N 26E	Data Source:	PI
Spot Code:	C SE NE		
Footage NS EW Origin:	1980 FNL 660 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0770855 -109.6136138	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	A
Spud:	May 21, 1959	TD Date:	
TD:	1,013 FT	PlugBack Depth:	738 FT
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	5,663 FT
Ref. Elevation:	5,663 FT KB	LTD:	986 FT
Ground Elevation:	5,657 FT GR		
Contractor:	NOT REPORTED	Final Drilling:	
Completed:	May 30, 1960	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Drill Stem Tests

DST: 001	Data Source:	PI
Show:	S	Formation:
Interval:	685 - 756	BHT:
Choke: Top:		Bottom:
DST: 1	Data Source:	DEI
Show:		Formation:
Interval:	-	BHT:
Choke: Top:		Bottom:
Dst Test Remark	IHP : 00345 FHP : 00330 BHT : 00000 FmRw: 00	

Pipe Recovery

Test	Data Source	Recovery	Type	Rec Method
001	PI	200 FT	GCM	PIPE

Pressure and Time

Test	Data Source	Init	Hydro Final	Init	Init Flow Final	Init	Final Flow Final	Init	Shutin Final	Init	Open Time Final	Init	Shutin Time Final
001	PI		330			78	110		125		60		30

Cores**CORE ID: 001**

Formation:		Data Source: PI
Interval:	710-731	Rec: 21 FT
Core Type:	CONV	Show Type: GAS
Description:	5 SD 5 SH 4 SD, FINE TO GOOD 1 SH 1 SD 1 SH 4 SD, ENTIRE CORE BUBBLING GAS	

CORE ID: 002

Formation:		Data Source: PI
Interval:	731-756	Rec: 25 FT
Core Type:	CONV	Show Type: GAS
Description:	1 SD, FINE, BUBBLING GAS 24 SH	

CORE ID: 003

Formation:	452CCNN COCONINO	Data Source: PI
Interval:	940-965	Rec: 25 FT
Core Type:	CONV	Show Type: GAS
Form ID:	501MNKP MOENKOPI	
Description:	6 SH 19 SD, GOOD P&P, BUBBLING GAS	

CORE ID: 002

Formation:		Data Source: DEI
Interval:	-	Rec:
Core Type:		Show Type:

CORE ID: 003

Formation:		Data Source: DEI
Interval:	-	Rec:
Core Type:		Show Type:

CORE ID: 004

Formation:		Data Source: DEI
Interval:	-	Rec:
Core Type:		Show Type: WET

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	8 5/8 IN	198 FT	100 SACK
CASING	PI	4 1/2 IN	772 FT	100 SACK

Drilling Journal**Show**

Obs	Data Source	Top Depth	Base Depth	Type	Top Form	Base Form	Sample
1	PI	710	732	GAS			
2	PI	946	965	GAS	452CCNN	452CCNN	

Geology Journal

Porosity Zones ID	Data Source	Top Depth	Base Depth	Type	Quality	Form Code	Thickness
1	PI	946	965		G		

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
503SRMP	PI	SHINARUMP	780				LOG		503
501MNKP	PI	MOENKOPI	802				LOG		501
452CCNN	PI	COCONINO	950				LOG		452

Dwights Energydata Narrative

Accumulated through 1997

Data Source	Type	Nbr	Remark
DEI	DST	1	IHP : 00345 FHP : 00330 BHT : 00000 FmRw: 00
Data Source	Type	Nbr	Remark
DEI	Cores	002	#1 710-731
DEI	Cores	002	Cut 21 feet, rec 21 ft. 5 Sandstone, white and dark red; white
DEI	Cores	002	sandstone is fine to coarse grained, angular to round and cemented
DEI	Cores	002	with a calcareous clay cement, red sandstone is very shaly with medium
DEI	Cores	002	to coarse grains, in part finely micaceous. 5 Shale, dark red,
DEI	Cores	002	micaceous, with white spots, very sandy -approximately 50% is sand
DEI	Cores	002	grains 4 Sandstone, red micaceous, fine to medium grained, very
DEI	Cores	002	shaly and white, fine to medium, round to angular grained, slightly
DEI	Cores	002	with calcareous clay cement. 1 Shale, red, very sandy. 1
DEI	Cores	002	Sandstone, red and white, fine to medium, round to subround, micaceous;
DEI	Cores	002	the white sandstone occurs as streaks and is cemented with calcareous
DEI	Cores	002	clay cement. 1 Shale, dark red, very sandy. 4 Sandstone, dark red,
DEI	Cores	002	shaly, very micaceous along bedding planes -has white sandstone
DEI	Cores	002	streaks in it.
DEI	Cores	003	#2 731-756
DEI	Cores	003	Cut 25 feet, rec 75 ft. 1 Sandstone, white to red, fine to medium
DEI	Cores	003	grained, cemented with calcareous clay cement, micaceous in part. 6
DEI	Cores	003	Shale, brown to red, silty, very finely micaceous. 8 Shale, green to
DEI	Cores	003	light gray. 6 Shale, light gray, very sandy, fine sand grains
DEI	Cores	003	intercalated throughout. 4 Shale, light green to brown, many slicken
DEI	Cores	003	sides, bottom foot very soft
DEI	Cores	004	#3 940-965
DEI	Cores	004	Cut 25 feet, rec 25 ft 6 Shale, dark red, micaceous along bedding
DEI	Cores	004	planes, cut with streaks of buff colored fine grained sandstone. 2
DEI	Cores	004	Sandstone, light brown, fine to medium grain, angular to round with
DEI	Cores	004	much rust stain. 17 Sandstone, buff color, fine to medium grained,
DEI	Cores	004	subround, good porosity and permeability, entirely water saturated.

02001053270001

General Information

1 STATE-6

Data Source:	PI	IC:	
API:	02001053270001	County:	APACHE
State:	ARIZONA	Operator:	EASTERN PET CORP
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (D)
Initial Class:	DEVELOPMENT RECOMPLETION (D X)	Target Objective:	
Status:	D&A;AW	Hole Direction:	VERTICAL
Permit:	on Aug 24, 1960	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	COCONINO
Projected TD:		Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	6 19N 26E	Data Source:	PI
Spot Code:	C SE NE		
Footage NS EW Origin:	1980 FNL 660 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0770855 -109.6136138	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Sep 03, 1960	TD Date:	
TD:	1,013 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	5,663 FT
Ref. Elevation:	5,663 FT KB	LTD:	
Ground Elevation:	5,657 FT GR		
Contractor:		Final Drilling:	
Completed:	Nov 21, 1960	Rig #:	
Rig Release Date:			
Tool:			

Production Tests

PT: 001			
Data Source:	PI	Top Formation Code:	
Top Formation Name:		Base Formation Code:	
Base Formation Name:		Condensate:	
Oil:	0 BBL	Water:	
Gas:		Method:	SWABBING
Interval:	675 - 719 GROSS	Choke:	
Duration of Test:	Hours	GOR:	
Oil Gravity:		Cond Ratio:	
Cond Gravity:		Main Fluid Code:	
Prod Method:	PERF		
Remarks on PT Test:	Data Source: PI	ATTEMPTED 1ST SWFR, FLUSHED WITH 52 GALS MCA, INJ RATE 12.8 BPM	

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	675 - 681				2 FT	PERF		
001	PI	686 - 690				2 FT	PERF		
001	PI	696 - 698				2 FT	PERF		

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	703 - 719				2 FT	PERF		

Treatments

Treatment: 001

Interval:	675 - 719								
Fluid:	12,000 GAL					FRAC		Type:	W
Additive:									
Prop Agent:	SAND					Amount:	12,000 LB		
Form. Break Down Pressure:									
Average Injection Rate:						Instant Shut-in Pressure:			
Stages:	Remarks:								
Treatment: 001									
Interval:	675 - 719								
Fluid:	12,000 GAL					FRAC		Type:	SWFR
Additive:									
Prop Agent:	SAND					Amount:	12,000 LB		
Form. Break Down Pressure:									
Average Injection Rate:						Instant Shut-in Pressure:			
Stages:	Remarks:					SWFR:ORIG TREATMENT CD			

Casing, Liner, Tubing

Narrative	Data Source	Type	Remark
	PI	CASING	NO NEW CSG REPORTED
	PI	CASING	SPLIT PREVIOUS CSG ABOVE 600 FT

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
452CCNN	PI	COCONINO	905				SPL		452

Dwights Energydata Narrative

Accumulated through 1997

Old Information

Spud Date:	Sep 03, 1960	Data Source:	PI
Old TD:	1,013 FT	Data Source:	PI

02001053350001

General Information

1 FEE-MACIE

Data Source:	PI	IC:	
API:	02001053350001	County:	APACHE
State:	ARIZONA	Operator:	KERR-MCGEE CORP
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-HELIUM (DH)
Initial Class:	DEVELOPMENT RECOMPLETION (D X)	Target Objective:	
Status:	HELWG	Hole Direction:	VERTICAL
Permit:	on Sep 17, 1956	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	COCONINO
Projected TD:		Formation at TD:	
Geologic Province:	BLACK MESA BASIN		
IP Summary:			
Oil:	Gas: 216 MCFD	Water:	Top Form: COCONINO

Location

Section, Twp., Range:	33 20N 26E	Data Source:	PI
Spot Code:	SW SW SE		
Footage NS EW Origin:	330 FSL 2310 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0833634 -109.5838288	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Sep 27, 1956	TD Date:	
TD:	2,517 FT	PlugBack Depth:	1,222 FT
TVD:		Formation Name TD:	
Formation Code TD:		KB. Elevation:	
Ref. Elevation:	5,743 FT GR	LTD:	
Ground Elevation:	5,743 FT GR		
Contractor:		Final Drilling:	
Completed:	Oct 27, 1956	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Initial Potential Tests

IP: 001	Data Source: PI		
Top Formation Name:	COCONINO	Top Formation Code:	452CCNN
Base Formation Name:	COCONINO	Base Formation Code:	452CCNN
Oil:		Condensate:	
Gas:	216 MCFD	Water:	
Interval:	956 - 980	Method:	FLOWING
Duration of Test:	Hours	Choke:	
Oil Gravity:		GOR:	
Cond Gravity:		Cond Ratio:	

Pressures

Test	Data Source	FTP	FCP	SITP	SICP
001	PI				99 PSIG

CAOF

Test	Data Source	Calc	4 Point	Flow	Shut-in
001	PI	480			

Gas Analysis

Test	Data Source	Gravity	Temp	Hydrogen Sulfide
001	PI			

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	956 - 980				96 FT	PERF	452CCNN	COCONINO

Treatments

Treatment: 001

Interval: 956 - 980
Fluid: 1,000 GAL **FRAC** **Type:** O
Additive:
Prop Agent: **Amount:**
Form Break Down Pressure:
Average Injection Rate: **Instant Shut-in Pressure:**
Stages: **Remarks:**

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	10 3/4 IN	118 FT	60 SACK
CASING	PI	7 IN	1,253 FT	275 SACK

Drilling Journal

Show

Obs	Data Source	Top Depth	Base Depth	Type	Top Form	Base Form	Sample
1	PI	1,030	1,050	GAS			
2	PI	1,940	2,000	GAS			

Dwights Energydata Narrative

Accumulated through 1997

Old Information

Spud Date: Sep 27, 1956 **Data Source:** PI
Old TD: 2,517 FT **Data Source:** PI

02001053610000

General Information

1A-14 STATE			
Data Source:	PI	IC:	
API:	02001053610000	County:	APACHE
State:	ARIZONA	Operator:	RAM OIL COMPANY
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (D)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	D&A	Hole Direction:	VERTICAL
Permit:	on Jan 31, 1962	Abandonment Date:	
First Report Date:	May 15, 1986	Projected Formation:	
Projected TD:		Formation at TD:	SHINARUMP
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	14 19N 26E	Data Source:	PI
Spot Code:	SE SW SW		
Footage NS EW Origin:	500 FSL 1290 FWL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0402397 -109.5544568	Lat/Long Source:	IH Datum: NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Feb 10, 1962	TD Date:	
TD:	820 FT	PlugBack Depth:	
TVD:		Formation Name TD:	SHINARUMP
Formation Code TD:	503SRMP	KB. Elevation:	
Ref. Elevation:	5,776 FT GR	LTD:	
Ground Elevation:	5,776 FT GR		
Contractor:		Final Drilling:	
Completed:	Mar 01, 1962	Rig #:	
Rig Release Date:			
Tool:			

Logs

Log	Data Source	Type	Top Depth	Base Depth	Logging Co.	BHT	since circ.
1	PI	IL					

Dwights Energydata Narrative

Accumulated through 1997

Scout Ticket

Mon Apr 09, 2012

02001200030000

General Information

4A STATE			
Data Source:	PI	IC:	
API:	02001200030000	County:	APACHE
State:	ARIZONA	Operator:	KERR-MCGEE CORP
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-GAS (DG)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	GAS	Hole Direction:	VERTICAL
Permit:	on Feb 05, 1967	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	COCONINO
Projected TD:	1,000 FT	Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		
IP Summary:			
Oil:	Gas: 42 MCFD	Water:	Top Form: COCONINO

Location

Section, Twp., Range:	32 20N 26E	Data Source:	PI
Spot Code:	NE SE		
Footage NS EW Origin:	1400 FSL 330 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0863070 -109.5947737	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Feb 15, 1967	TD Date:	
TD:	834 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,555 FT GR	LTD:	828 FT
Ground Elevation:	5,555 FT GR		
Contractor:	CARMACK DRILLING COMPANY	Final Drilling:	
Completed:	Feb 24, 1967	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Initial Potential Tests

IP: 001	Data Source: PI	Top Formation Code:	452CCNN
Top Formation Name:	COCONINO	Base Formation Code:	452CCNN
Base Formation Name:	COCONINO	Condensate:	
Oil:		Water:	
Gas:	42 MCFD	Method:	FLOWING
Interval:	793 - 796	Choke:	
Duration of Test:	Hours	GOR:	
Oil Gravity:		Cond Ratio:	
Cond Gravity:			
Remarks on IP Test	Data Source: PI /OPEN FLOW-NATURAL/		

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	793 - 796		JET		4 FT	PERF	452CCNN	COCONINO

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth		Cement	
CASING	PI	7 5/8 IN	207	FT	125	SACK
CASING	PI	4 1/2 IN	834	FT	150	SACK

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
452CCNN	PI	COCONINO	793				LOG		452

Dwights Energydata Narrative
Accumulated through 1997

02001200290000

General Information

10 SANTA FE

Data Source:	PI	IC:	
API:	02001200290000	County:	APACHE
State:	ARIZONA	Operator:	KERR-MCGEE CORP
Field:	PINTA DOME	Final Well Class:	STRATIGRAPHIC TEST (S)
Initial Class:	STRATIGRAPHIC TEST (S)	Target Objective:	
Status:	J&A	Hole Direction:	VERTICAL
Permit:	405 on Apr 22, 1967	Abandonment Date:	
First Report Date:	May 19, 1992	Projected Formation:	COCONINO
Projected TD:	1,500 FT	Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	23 20N 27E	Data Source:	PI
Spot Code:	NW SW		
Footage NS EW Origin:	1980 FSL 660 FWL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.1166840 -109.4501150	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	May 02, 1967	TD Date:	
TD:	1,330 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,754 FT GR	LTD:	
Ground Elevation:	5,754 FT GR	Final Drilling:	
Contractor:	KERR-MCGEE CORPORATION	Rig #:	
Completed:	May 04, 1967		
Rig Release Date:			
Tool:	ROTARY		

Casing, Liner, Tubing

Narrative	Data Source	Type	Remark
	PI	CASING	NO CSG RAN.

Drilling Journal**Drilling Remark**

Drilling Remark	Data Source	Date	Remark
1	PI	May 08, 1967	LOST HOLE, LEFT 320 FT DRILL PIPE IN HOLE.

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
503CHNL	PI	CHINLE	250				SPL		503
503SRMP	PI	SHINARUMP	1,085				SPL		503
452CCNN	PI	COCONINO	1,305				SPL		452

Dwights Energydata Narrative

Accumulated through 1997

02001200320000

General Information

6 SANTA FE

Data Source:	PI	IC:	
API:	02001200320000	County:	APACHE
State:	ARIZONA	Operator:	KERR-MCGEE CORP
Field:	PINTA DOME	Final Well Class:	STRATIGRAPHIC TEST (S)
Initial Class:	STRATIGRAPHIC TEST (S)	Target Objective:	
Status:	D&A	Hole Direction:	VERTICAL
Permit:	on May 05, 1967	Abandonment Date:	
First Report Date:	Sep 15, 1972	Projected Formation:	COCONINO
Projected TD:	1,400 FT	Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	9 19N 29E	Data Source:	PI
Spot Code:	NW NW		
Footage NS EW Origin:	560 FNL 660 FWL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0651640 -109.2744530	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	May 15, 1967	TD Date:	
TD:	1,388 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	6,244 FT GR	LTD:	1,178 FT
Ground Elevation:	6,244 FT GR		
Contractor:	OWN DRILLING	Final Drilling:	
Completed:	May 25, 1967	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	7 IN	653 FT	

Logs

Log	Data Source	Type	Top Depth	Base Depth	Logging Co.	BHT	since circ.
1	PI	IL					

Dwights Energydata Narrative

Accumulated through 1997

02001203230000

General Information

35-1 HORTENSTINE

Data Source:	PI	IC:	
API:	02001203230000	County:	APACHE
State:	ARIZONA	Operator:	HOLBROOK ENERGY LLC
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (D)
Initial Class:	UNCLASSIFIED (U)	Target Objective:	UNRPTD
Status:	TA-G	Hole Direction:	VERTICAL
Permit:	919 on Aug 30, 2004	Abandonment Date:	
First Report Date:	Aug 31, 2004	Projected Formation:	
Projected TD:	1,050 FT	Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	35 20N 26E	Data Source:	PI
Spot Code:	W2 NE SW		
Footage NS EW Origin:	1980 FSL 1660 FWL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0877113 -109.5528108	Lat/Long Source:	IH
		Datum:	NAD27

Location Narrative

Data Source	Type	Remark
PI	SCALED_FOOT	REGULATORY
PI	IRREG_SECT	N
PI	LOCATION	HELIUM TEST

Dates and Depths

Data Source:	PI	Spud Date Code:	E
Spud:	Oct 30, 2004	TD Date:	Nov 15, 2004
TD:	1,000 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:		LTD:	1,021 FT
Ground Elevation:	5,672 FT GR		
Contractor:	NOT REPORTED		
Completed:	Jun 01, 2007	Final Drilling:	Nov 15, 2004
Rig Release Date:		Rig #:	
Tool:			

Production Tests

PT: 001			
Data Source:	PI	Top Formation Code:	452CCNN
Top Formation Name:	COCONINO	Base Formation Code:	452CCNN
Base Formation Name:	COCONINO	Condensate:	
Oil:		Water:	
Gas:		Method:	
Interval:	-	Choke:	
Duration of Test:	Hours	GOR:	
Oil Gravity:		Cond Ratio:	
Cond Gravity:			

Prod Method: PERF

Main Fluid Code:

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	-					PERF	452CCNN	COCONINO

Casing, Liner, Tubing

Narrative	Data Source	Type	Remark
	PI	CASING	CSG SET

Drilling Journal

Show

Obs	Data Source	Top Depth	Base Depth	Type	Top Form	Base Form	Sample
1	PI			GAS	452CCNN	452CCNN	

Lease Acres

Lease Acres: 640 ACRE

Logs

Log	Data Source	Type	Top Depth	Base Depth	Logging Co.	BHT	since circ.
1	PI	AIL			153789		
2	PI	CNDL			153789		
3	PI	GR			153789		
4	PI	CBND					

Dwights Energydata Narrative

Accumulated through 1997

Operator Address

Data Source: PI

Street or PO Box: 6900 EAST CAMELBACK ROAD

City: SCOTTSDALE

State, Zip: AZ, 85251

Country: USA

Phone: 4804254290

Fax:

E-Mail:

Agent Name:

Agent Code:

Agent Remark: LABLANC GORDON SR;;;;;480;425;4290

02001600120000

General Information

4 STATE			
Data Source:	PI	IC:	
API:	02001600120000	County:	APACHE
State:	ARIZONA	Operator:	SIERRA DRILLING CO
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (D)
Initial Class:	DEVELOPMENT WELL (D)	Target Objective:	
Status:	D&A	Hole Direction:	VERTICAL
Permit:	on Jul 06, 1960	Abandonment Date:	
First Report Date:	Apr 15, 1975	Projected Formation:	
Projected TD:		Formation at TD:	COCONINO
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	16 19N 26E	Data Source:	PI
Spot Code:	C SW NE		
Footage NS EW Origin:	1980 FNL 1980 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0479976 -109.5829322	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Jul 16, 1960	TD Date:	
TD:	1,016 FT	PlugBack Depth:	
TVD:		Formation Name TD:	COCONINO
Formation Code TD:	452CCNN	KB. Elevation:	
Ref. Elevation:	5,609 FT GR	LTD:	
Ground Elevation:	5,609 FT GR		
Contractor:		Final Drilling:	
Completed:	Sep 08, 1960	Rig #:	
Rig Release Date:			
Tool:			

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	8 5/8 IN	100 FT	

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
503CHNL	PI	CHINLE	750				LOG		503
503SRMP	PI	SHINARUMP	820				LOG		503
501MNKP	PI	MOENKOPI	840				LOG		501
452CCNN	PI	COCONINO	980				LOG		452

Dwights Energydata Narrative

Accumulated through 1997

02001600160000

General Information

1 STATE			
Data Source:	PI	IC:	
API:	02001600160000	County:	APACHE
State:	ARIZONA	Operator:	TEIL DEVELOPMENT
Field:	PINTA DOME	Final Well Class:	NEW POOL WILDCAT-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (WP)
Initial Class:	NEW POOL WILDCAT (WP)		
Status:	J&A-G	Target Objective:	
Permit:	on Mar 21, 1961	Hole Direction:	VERTICAL
First Report Date:	Apr 15, 1975	Abandonment Date:	
Projected TD:	1,200 FT	Projected Formation:	COCONINO
Geologic Province:	BLACK MESA BASIN	Formation at TD:	MOENKOPI
IP Summary:			
Oil:	Gas:	Water:	Top Form:

Location

Section, Twp., Range:	22 19N 26E	Data Source:	PI
Spot Code:	SW NE SE		
Footage NS EW Origin:	1720 FSL 1010 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0291238 -109.5622387	Lat/Long Source:	IH
		Datum:	NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	A
Spud:	Mar 31, 1961	TD Date:	
TD:	762 FT	PlugBack Depth:	
TVD:		Formation Name TD:	MOENKOPI
Formation Code TD:	501MNKP	KB. Elevation:	
Ref. Elevation:	5,802 FT GR	LTD:	757 FT
Ground Elevation:	5,802 FT GR		
Contractor:	C 7	Final Drilling:	
Completed:	Sep 27, 1961	Rig #:	
Rig Release Date:			
Tool:	ROTARY		

Initial Potential Tests

IP: 1	Data Source: DEI	Top Formation Code:	
Top Formation Name:		Base Formation Code:	
Base Formation Name:		Condensate:	
Oil:		Water:	
Gas:		Method:	
Interval:	-	Choke:	
Duration of Test:	Hours	GOR:	
Oil Gravity:		Cond Ratio:	
Cond Gravity:			
Remarks on IP Test	Data Source: PI	F 310 MCFGPD on 2 in ck	

Production Tests

PT: 001

Data Source:	PI		
Top Formation Name:		Top Formation Code:	
Base Formation Name:		Base Formation Code:	
Oil:		Condensate:	
Gas:		Water:	
Interval:	744 - 748 GROSS	Method:	UNDESIGNATED
Duration of Test:	Hours	Choke:	
Oil Gravity:		GOR:	
Cond Gravity:		Cond Ratio:	
Prod Method:	PERF	Main Fluid Code:	X

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	744 - 744					PERF		
001	PI	746 - 746					PERF		
001	PI	748 - 748					PERF		

Treatments

Treatment: 001									
Interval:	744 - 748								
Fluid:	12,600 GAL					FRAC		Type:	W
Additive:									
Prop Agent:	SAND					Amount:	16,000 LB		
Form. Break Down Pressure:	700 PSIG								
Average Injection Rate:	21 BPM					Instant Shut-in Pressure:			
Stages:	Remarks:								

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	10 3/4 IN	140 FT	30 SACK
CASING	PI	4 1/2 IN	760 FT	100 SACK

Drilling Journal
Show

Obs	Data Source	Top Depth	Base Depth	Type	Top Form	Base Form	Sample
1	PI	750	750	GAS			

Formations

Form Code	Data Source	Form Name	Top Depth	Top TVD	Base Depth	Base TVD	Source	Lithology	Age Code
501MNKP	PI	MOENKOPI	752				SPL		501

Dwights Energydata Narrative
Accumulated through 1997

Data Source	Type	Nbr	Remark
DEI	IP	1	F 310 MCFGPD on 2 in ck
Data Source	Type	Nbr	Remark
DEI	Perf	1	744-748
DEI	Perf	1	744, 746, 748 w/3 SPF - treat w/20000 lb 20-40 mesh sd
Data Source	Type	Nbr	Remark
DEI	Lithology	1	50-60 Fine grained sand, comprising a moderately cemented sandstone,

Data Source	Type	Nbr	Remark
DEI	Lithology	2	limestone and silt. Very little quartz. Color: light reddish brown
DEI	Lithology	3	with gray limestone. 70 Red silt and extremely fine grained sand. A
DEI	Lithology	4	few limestone pebbles. 80 Fine grained sand and silt. Color - light
DEI	Lithology	5	reddish brown. Under the glass mostly white stained brown. 90 Fine
DEI	Lithology	6	grained sand and silt. Thin layers of sandstone. Some limestone.
DEI	Lithology	7	Color, light reddish brown. Under the glass mostly white stained brown.
DEI	Lithology	8	100 Fine grained sand and silt. Color - light reddish brown. Under
DEI	Lithology	9	the glass mostly white with brown stain and red silt. 110 Same, Sand
DEI	Lithology	10	contains a large percentage of limestone. 120 Same 130 Same 140
DEI	Lithology	11	Mostly silt with some limestone. Color, medium reddish brown. 150
DEI	Lithology	12	Fine grained sand and silt. Limestone. Color, reddish brown with
DEI	Lithology	13	light gray limestone. 160 Same. Color, light blue & larger
DEI	Lithology	14	percentage of limestone. 170 Fine grained sand and silt. Limestone.
DEI	Lithology	15	Color, gray-brown. Pebbles of limestone. 180 Same. Color slightly
DEI	Lithology	16	more red. 190 Same. 200 Same. Color reddish brown with a little
DEI	Lithology	17	gray limestone. 210 Fine grained sand and silt, mostly limestone.
DEI	Lithology	18	Color, gray-brown. 220 Mostly mudstone, silt and a little limestone.
DEI	Lithology	19	Color, violet-brown. 230 Same, more gray limestone. 240 Same.
DEI	Lithology	20	Color, reddish-brown. 250 Same. 260 Fine grained sandstone and
DEI	Lithology	21	silt. A few limestone pebbles. Color, reddish-brown. Under the glass
DEI	Lithology	22	reddish and white particles. 270 Same. 280 Fine grained sand and
DEI	Lithology	23	silt. Limestone layers. Color, violet-brown with gray particles of
DEI	Lithology	24	limestone. 290 Same. More gray limestone making the color lighter.
DEI	Lithology	25	300 Same. Color, light violet-brown. 310 Mostly red silt with some
DEI	Lithology	26	gray limestone. Color, reddish-brown with gray particles. 320 Mostly
DEI	Lithology	27	violet mudstone with silt and some dark gray limestone. Color, violet
DEI	Lithology	28	brown. 330 Fine grained sand and silt. Some dark and light gray
DEI	Lithology	29	limestone. Color, reddish-brown. 340 Coarse sand composed of quartz,
DEI	Lithology	30	limestone and mudstone. Color, speckled violet and gray. 350 Same.
DEI	Lithology	31	Much larger percent of quartz. Color speckled white to red. 360
DEI	Lithology	32	Missing. 370 Same. Color, gray. 370 Water came in at 340 ft. 370
DEI	Lithology	33	Red shale with some white limestone in layers or as concretions. 380
DEI	Lithology	34	Same as above with more limestone. 390 Red shale with some white
DEI	Lithology	35	limestone and some red lime-cemented siltstone. 400 Much more clear
DEI	Lithology	36	quartz sand, some chert grains in red silt. 410 Silty sand with 75%
DEI	Lithology	37	quartz and 25% chert grains. 420 Red silt with lime-cemented sand
DEI	Lithology	38	and white lime. 430 Variegated, white and red, siltstone, limey and
DEI	Lithology	39	a little white lime and sand. 440 Red siltstone, limey, with gray
DEI	Lithology	40	shale, no lime, and gray sand. 450 Same as 440. 460 Same but less
DEI	Lithology	41	gray and more red. 470 White to gray sand, fine grained with lime
DEI	Lithology	42	layers or concretions. 480 Purplish and red siltstone with a little
DEI	Lithology	43	white. 490 Same as above. 500 Gray-maroon siltstone. 510 Same
DEI	Lithology	44	with some white. 520 Same as 510 ft but harder. 530 Same as 510
DEI	Lithology	45	with hard lime concretions. 540 Gray and maroon-brown siltstone. 550
DEI	Lithology	46	Variegated, gray, Brown, red, white and yellow siltstone. Some gray
DEI	Lithology	47	is limey. 560 Gray siltstone with trace of yellow. 570 Gray
DEI	Lithology	48	siltstone. 580 Gray siltstone with 15% black grains (oxidized
DEI	Lithology	49	pyrite) and some bright pyrite. Sand grains are clean quartz. 590
DEI	Lithology	50	Cemented sandstone with gray siltstone as 580 and 15-20% black. 600
DEI	Lithology	51	Same as 580 but more pyrite. 610 Gray siltstone with just a trace of
DEI	Lithology	52	pyrite and no black. 620 40% fine-grained quartz sand, 30% gray
DEI	Lithology	53	shale and 30% black shale (pyritic). 626 Same as 620 but more sand.
DEI	Lithology	54	630 Same as 620 but more pyrite and black mineral. 635 Same as 630

Data Source	Type	Nbr	Remark
DEI	Lithology	55	but little pyrite and some chert. 640 Gray sandy siltstone with a
DEI	Lithology	56	little pyrite and some chert grains. 645 Same. 650 Gray silty sand
DEI	Lithology	57	with many chert grains, no pyrite. 660 Gray shale with no black and
DEI	Lithology	58	no pyrite but sand has much chert. 670 Same but with dark red to
DEI	Lithology	59	black at 15%. 675 Sandy silt with 15% black organic material. 685
DEI	Lithology	60	Black silty sand with 40% black organic material. 690 Same. 695
DEI	Lithology	61	White sand with 20-30% black organic material. 700 Same. 705 Same
DEI	Lithology	62	710 Same 715 Fine-grained white sand with 15% black organic
DEI	Lithology	63	material. 720 Same with some gray shale. 725 Same. 730 Same with
DEI	Lithology	64	more hard gray sand. 735 Same but many angular fragments of chert.
DEI	Lithology	65	Top of Shinarump conglomerate. 740 Angular fragments quartz, chert,
DEI	Lithology	66	quartzitic a little pyrite and some black organic material. 745 Same
DEI	Lithology	67	as 740. Few pieces of limestone in conglomerate. Gas show came in at
DEI	Lithology	68	this level, plus or minus, 2 feet. 750 Same as 740. 755 Went into
DEI	Lithology	69	reddish-brown shale about 752. Top of Moenkopi. 760 Fragments of
DEI	Lithology	70	reddish-brown shale 40%, gray sandy shale 30%, cemented brown
DEI	Lithology	71	sandstone 30%.

02001600160001

General Information

1 STATE			
Data Source:	PI	IC:	
API:	02001600160001	County:	APACHE
State:	ARIZONA	Operator:	TEIL DEVELOPMENT
Field:	PINTA DOME	Final Well Class:	DEVELOPMENT WELL-DRY (INCLUDING TEMPORARILY ABANDONED WELL) (D)
Initial Class:	DEVELOPMENT RECOMPLETION (D X)	Target Objective:	
Status:	D&AWG	Hole Direction:	VERTICAL
Permit:	on Nov 08, 1961	Abandonment Date:	
First Report Date:	Mar 15, 1986	Projected Formation:	COCONINO
Projected TD:	1,200 FT	Formation at TD:	MOENKOPI
Geologic Province:	BLACK MESA BASIN		

Location

Section, Twp., Range:	22 19N 26E	Data Source:	PI
Spot Code:	SW NE SE		
Footage NS EW Origin:	1720 FSL 1010 FEL CONGRESS SECTION		
Principal Meridian:	GILA AND SALT RIV		
Lat/Long:	+35.0291238 -109.5622387	Lat/Long Source:	IH Datum: NAD27

Dates and Depths

Data Source:	PI	Spud Date Code:	
Spud:	Nov 18, 1961	TD Date:	
TD:	762 FT	PlugBack Depth:	
TVD:		Formation Name TD:	MOENKOPI
Formation Code TD:	501MNKP	KB. Elevation:	
Ref. Elevation:	5,802 FT GR	LTD:	
Ground Elevation:	5,802 FT GR		
Contractor:		Final Drilling:	
Completed:	Apr 25, 1962	Rig #:	
Rig Release Date:			
Tool:			

Production Tests

PT: 001			
Data Source:	PI		
Top Formation Name:	COCONINO	Top Formation Code:	452CCNN
Base Formation Name:	COCONINO	Base Formation Code:	452CCNN
Oil:		Condensate:	
Gas:	22 MCFD	Water:	
Interval:	744 - 748 GROSS	Method:	FLOWING
Duration of Test:	Hours	Choke:	
Oil Gravity:		GOR:	
Cond Gravity:		Cond Ratio:	
Prod Method:	PERF	Main Fluid Code:	
Remarks on PT Test:	Data Source: PI	WASHED OVER 4 1/2 IN CSG RECOVERED SWAB FROM JKD HOLE ESTIMATED 5 1/2 % HELIUM	
PT: 002			
Data Source:	PI		
Top Formation Name:	MOENKOPI	Top Formation Code:	501MNKP
Base Formation Name:	MOENKOPI	Base Formation Code:	501MNKP

Oil:		Condensate:	
Gas:		Water:	400 FT
Interval:	744 - 748 GROSS	Method:	ENTRY (FILL-UP)
Duration of Test:	Hours	Choke:	
Oil Gravity:		GOR:	
Cond Gravity:		Cond Ratio:	
Prod Method:	PERF	Main Fluid Code:	

Water Analysis

Test	Data Source	Fluid Type	Salinity	Salinity Type	Company Code
002	PI	WTR			034633

Perforations

Test	Data Source	Interval	Count	Type	Status	Shots/ Ft	Prod Method	Top Form Code	Top Form Name
001	PI	744 - 744		AJET		1 FT	PERF	452CCNN	COCONINO
001	PI	746 - 746		AJET		1 FT	PERF	452CCNN	COCONINO
001	PI	748 - 748		AJET		1 FT	PERF	452CCNN	COCONINO
002	PI	744 - 748					PERF	501MNKP	MOENKOPI

Casing, Liner, Tubing

Casing	Data Source	Size	Base Depth	Cement
CASING	PI	10 3/4 IN	140 FT	30 SACK
CASING	PI	4 1/2 IN	760 FT	100 SACK

Dwights Energydata Narrative

Accumulated through 1997

Old Information

Spud Date: Nov 18, 1961
Old TD: 762 FT

Data Source: PI
Data Source: PI