

## NORTH ARIZONA GAINS DEVONIAN CRUDE STRIKE

### Two-Pay Discovery Completes In Lea

Sinclair Oil and Gas Company #4-403 State-Lea has been dually completed as a Bone Spring and Devonian discovery in Lea County.

The Bone Spring rated a 24 hour flow of 226 barrels of 42.2-gravity oil through a 24/64" choke and perforations at 8807-8841' which had been washed with 500 gallons of mud acid.

The calculated 24-hour potential of the Devonian was 754 barrels of 49.6-gravity oil, flowing through a 10/64" choke and perforations at 11652-11720' after a 500-gallon mud-acid wash.

The strike also flowed Wolfcamp oil during a drillstem test at 10040-10185'. Operator does not plan to attempt completion in this zone at this time.

Location is 2 3/4 miles northwest of the South Vacuum (Devonian) field, 2 1/4 miles northeast of Bone Spring production and 510' from north and west lines of section 17-18s-34e.

Elsewhere in the vacuum area, Texaco Inc. will drill #18-0 State to 12100', 1/2 miles east of Devonian production.

Site is 1880' from north and 560' from north and 560' from east lines of section 36-17s-34e.

Still in Lea, Sinclair is testing the Atoka in its wildcat, #1-5 Richardson.

It flowed gas at the rate of 452,000 cfd and 11 barrels of 49-gravity distillate in 24 hours of testing perforations at 12137-23', which had been treated with 1000 gallons of acid. Flow was through a 1/2" choke.

### LUBBOCK PAPER DRAWS STRIKE

The Lubbock Avalanche-Journal has completed another Chaves County San Andres discovery, #1-21 LE Ranch.

The pay opener pumped 48 barrels of oil and 10 barrels of water per day from perforations at 2303-48', which had been fractured with 6000 gallons.

It spots 3 1/2 miles northwest of operator's other San Andres strike, #1-7 LE Ranch, and 330' from south and west lines of section 21-10s-28e.

The same operator completed a southwest offset to the new discovery, #1-29 LE Ranch, for a daily pumping potential of 80 barrels of oil and 30 barrels of water from perforations at 2189-2342', after 6000-gallon fracture treatment.

Site is 330' from north and east lines of section 29-10s-28e.

H. E. Barnes of Roswell will drill a southeast offset, #1 England, to his indicated San Andres discovery, #1 Federal, in Chaves County.

#1 England, set to drill to 1200', spots 330' from north and 2310' from east lines of section 4-7s-26e.

Operator's #1 Federal is testing perforations at 1023-53', which had been acidized with 2000 gallons. It is 990' from south and 2310' from west lines of section 33-6s-26e. No gauges have been reported.

Operator has reacidized this zone with 1500 gallons and now is swabbing back load. The venture is making 425,000 cfd during the swabbing operations.

Tests of the Mississippian through perforations at 13349-83' failed to produce oil or gas.

Location is two miles north of the Austin (Mississippian) field and in C SW SW of section 5-14s-36e.

### Reports Tight On San Juan Gas Project

Pan American Petroleum Corporation still is tight on reports on its indicated San Juan County, New Mexico, discovery, #1-N Navajo Tribe.

Earlier, operator had gauged a gas flow rated at 5190,000 cfd from perforations at 6392-6410' and 2,500,000 cfd from perforations at 6388-55'.

The only log top released in the prospect is that of the Mississippian at 6544' on an unreported elevation.

The Tocito Bone test sports 790' from south and east lines of section 17-26n-18w.

Elsewhere in San Juan, James R. Pickett is pumping back load after fracturing the Sanastee in his #1 Fruitland-Amarillo.

The treatment was through perforations at 4586-90', 4609-12' and 4623-29'. The venture flowed back 494 barrels of load before operator installed pump.

A re-entry of a 4678' duster, the project picked these tops: Pictured Cliffs 410', Cliff House 1340', Point Lookout 3025', Mancos 3315', Gallup 4625', lower Gallup 4562', and Sanastee 4672'. The 4 1/2" casing is set at 4669'.

### Humble Reports Eddy Area Morrow Dry Gas Discovery

An Eddy County rank wildcat, Humble Oil & Refining Company #10 Huapache Oil Unit, has been potentialized as a Morrow dry gas discovery.

The strike rated a calculated flow of 2,500,000 cfd from perforations at 9932-42' after 500-gallon mud acid wash, with 10,000 gallons and will re-potential the pay opener.

It also hit good shows of gas at 6697-6970' in the Wolfcamp, but Humble does not plan to attempt dual completion at this time.

Location is eight miles northwest of the Bandana Point field, 28 miles southwest

### Standard Finds Oil, Gas In Eddy Area Dry Hole Re-Entry

An Eddy County wildcat failure re-entry, Standard Oil Company of Texas #1 Federal-Cass Ranch, has swabbed and flowed Pennsylvanian Oil.

Operator perforated at 9712-21' and washed the interval with 50 gallons of mud-acid. The prospect then swabbed 38 barrels of oil and one barrel of load water in six hours.

Standard then had the venture shut in for eight hours. A 10-hour test then produced gas at the rate of 163,000 cfd, along with a considerable but unreported amount of oil, through a one-inch choke.

The Pennsylvanian then was fractured with 14200 gallons and testing was resumed.

The 9000' duster is in C SE NW of section 3-20s-24e.

Elsewhere in Eddy, Marathon Oil Company has cored gas shows in an unidentified Pennsylvanian section in #1 Marathon Basin-Federal, 1 3/4 miles northwest of an undesignated Pennsylvanian gas field.

Recovery was 28' of rock after coring from 7339' to 7368'. It was composed of 6' of limestone, with no shows, 21' of dolomite with pinpoint to crystalline porosity and a few small vugs, with slight bleeding of gas and one foot of dolomite, with fair to good porosity and strong gas odor.

The wildcat, which spots in C SW SW of section 10-21s-23e, now is drilling ahead.

### Sandoval Wildcat Continues Deepening

Brinkerhoff Drilling Company #1 Gabazon-Federal, Sandoval County, New Mexico, prospector, was drilling below 5458' on last report.

Contracted to drill to 8100' for tests of the Mississippian, it picked these sample tops on a ground elevation of 6238': Todilto 3890', and Entrada 3995'.

Location is in C SW SW of section 7-17n-3w.

### Significant Well In North Apache

A highly significant discovery has been completed by Texaco Inc. in northern Arizona.

#1-AG Navajo, which spots 1460' from south and 1850' from east lines of section 16-41n-25e in Apache County, pumped 182 barrels of oil and five barrels of water daily from McCracken (Devonian) perforations at 6370-84', which had been washed with 200 gallons of mud-acid.

Located on the southwestern edge of the Paradox Basin, the strike is six miles south of production in Utah's Chinle Wash field, 16 miles west of production in Arizona and approximately 100 miles southwest of Devonian production in Utah's Lisbon field.

Operations were begun by Texaco on the venture on March 8, drilling the discovery to an eventual total depth of 6615', where the 4 1/2" casing was set.

A straddle packer test at 6338-98' gave up 90' of mud, 90' of oil-cut mud, 2160' of free oil, 180' of oil-cut mud. An Aneth straddle packer test at 6397-6444' gave up 900' of heavily oil and slightly gas-cut mud, 180' of slightly oil and gas-cut slat water.

An earlier drillstem test at 6392-6490' recovered 22' of oil, 360' of slightly mud-cut oil, 360' of heavily oil and gas-cut mud, 720' of heavily oil and gas and salt water-cut mud, 1350' of oil and gas-cut muddy salt water and 270' of slightly oil and gas-cut salt water.

Texaco picked these log tops on a derrick floor elevation of 4864': Honaker Trail 3950', Ismay 4668', Desert Creek 4776', Akah 4883, Barker Creek 5050', Molas 5458', Mississippian 5604', Ouray 5966', Elbert 6055, McCracken 6294', Aneth 6387', and pre-Cambrian 6525'.

### Mancos Strike

Sinclair Oil & Gas Company has completed, #21 San Arroyo Unit, (Morrison) gas a Mancos discovery in the San Arroyo field of Grand County, Utah.

It pumped 57 barrels of 35.2-gravity oil daily from perforations at 2650-56', which had been acid-fractured with an unreported amount. Gas flow, if any, was unreported.

Earlier, operator had reported a gas flow of 750,000 cfd, which later decreased to 300,000 cfd.

The 7" casing is set at 2679' on a total depth of 3990'.

Location is in ne se of section 25-16s-25e.

Elsewhere in Grand, Shell Oil Company has completed another good well in the Salt Wash field, #42-16 CF-I.

It flowed 557 barrels of oil daily through a 1/2" choke and open hole section at 8931-41', without stimulation.

The 4 1/2" casing is set at 8931'. Site is 2125' from north and 794' from east lines of section 16-23s-17e.

of Carlsbad and in C SE NW of section 10-23e-22e.

Elsewhere in Eddy, Odessa Natural Gasoline Company has staked a 13200' Devonian wildcat, #1 Dolley, in the shallow Getty field.

The prospector is 560' from south and west lines of section 24-20s-29e.

H. N. Sweeney of Roswell has revealed plans to drill an 11500' Strawn test, #1-A Malone-Federal, 1 1/2 miles northwest of the Lusk (Strawn and Bone Spring) field of extreme east Eddy County.

Site is in C SE NW of section 13-19s-31e.