

[illegible]

U. S. LAND OFFICE ~~SALE~~ ~~FE~~
SERIAL NUMBER ~~SP-678931-8~~
LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company Amoco Corporation Address P. O. Box 1714, Durango, Colorado
Lessor or Tract NE 1/4 Sec. 31 T. 20N. R. 13E Field Fort Stanton State New Mexico
Well No. 1 Sec. 31 T. 20N R. 13E Meridian T13N County San Juan
Location 110 ft. N. of 5 Line and 150 ft. E. of 1 Line of 1 Elevation 5224
The information on this document is derived from the records of the Bureau of Land Management, U.S. Department of the Interior.

Signed L. B. Plumb L. B. Plumb

Date: April 11, 1941 Title: Disorderly Production Sup.

The summary on this page is for the condition of the well at above date.

Commenced drilling February 17, 1951 Finished drilling March 3, 1951

(Denote gas by G)

No. 1, from ~~5503~~ to ~~5504~~ No. 4, from _____ to _____
 No. 2, from ~~5503~~ to ~~5504~~ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

[illegible][illegible]

Heaving plug—Material Length Depth set

Adapters—Material Size

[illegible]

Rotary tools were used from 0 feet to 515 feet, and from 515 feet to 525 feet
Cable tools were used from 525 feet to 535 feet, and from 535 feet to 545 feet

DATE of trial report... 3-12-61.. F/97 DO L 12
 COURSE of 20/4" Croke.
 Put to producing
 April 11, 1961

The production for the first 24 hours was 144 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity. °Bé.

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure the same as in

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

Well spudded 2:00 P.M. 2-17-61 and drilled 12 1/2" hole to 162' and ran 5 joints casing 8 5/8" OD, 24#, J-55 and set at 159'. Cemented with 85 sacks cement and circulated to surface. Plug down 7:10 P.M. 2-17-61. WOC 12 hours. Pressure tested casing to 600 pounds. Pressure held o.k. Drilled 7 7/8" hole. Coring as follows: Core #1... 5489-5539. Recovered 50' shale. Core #2... 5539-64. Recovered 25' sand and shale. 7 7/8" hole drilled to 5715'. Ran ES Resistivity and Gamma Ray Sonic Logs. Ran 179 joints casing 4 1/2" OD 9.5#, J-55 and set at 5715'. Stage collar set at 1771' and cemented in two stages. First stage... cemented with 100 sacks 50-50 Pozmix. Plug down on first stage 3:00 A.M. 3-3-61. Second stage... cemented with 50 sacks 50-50 Pozmix. Plug down on second stage 6:20 A.M. 3-3-61. WOC 24 hours. Pressure tested casing at 3000# for 30 min. Pressure held o.k. Perforated 5655' and traced with 10,000 gal crud... 10,000 pounds 20-40 sand and 2500 pounds 18-60 sand. Perforated 5593-98 and traced with 20,000 gal crude... 15,000 pounds 20-40 sand and 5000 pounds 10-20 sand. Recovered load oil. Potential test 3-12-61... Flowed 97 Bbls oil in 12 hours on 26/64" choke F.P. 225 C.P. 300.