

U. S. LAND OFFICE New Mexico

SERIAL NUMBER 04035 8 1050

LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

RECEIVED

JUN 11 1964
 U.S. DEPT. OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
 ALBUQUERQUE, NEW MEXICO

NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Texaco, Inc. Address Box 3109, Midland, Texas
 Lessor or Tract Elliott-Federal-Shell Field Little Lucky Lake State New Mexico
 Well No. 1 Sec. 30 T. 15S R. 30E Meridian NMPM County Chaves
 Location 1930 ft. N. of S Line and 660 ft. E. of W Line of Section 30 Elevation 3945
(Drill from surface to base level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed B. A. Hellman

Date June 3, 1959 Title Contractman

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

Commenced drilling February 5, 1959 Finished drilling May 23, 1959

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from ----- to -----

No. 2, from ----- to -----

No. 3, from ----- to -----

No. 4, from ----- to -----

No. 5, from ----- to -----

No. 6, from ----- to -----

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2 from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13"	30'	conductor pipe			
13 3/8"	460'	350	Pump & Plug Cemented to surface		
9 5/8"	2929'	600	Pump & Plug Cemented to surface		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 165 feet to 12,237 feet, and from _____ feet to _____ feet.
Cable tools were used from 0 feet to 465 feet, and from _____ feet to _____ feet.

DATES

----- June 3 -----, 1959 ----- Put to producing ----- May 29 -----, 1959 -----

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

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

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	465	465	Caliche, Surface Sands, Red Beds, & Anhydrite
465	2,350	2355	Anhydrite, Salt, Gypsum & Dolomite
2,350	4,350	1500	Dolomite w/some Chert
4,350	6,400	2050	Dolomite, Sand & Shale
6,400	7,000	600	Shale & Dolomite
7,000	8,000	1000	Dolomite & Limestone
8,000	9,000	1000	Limestone & Shale
9,000	11,200	2200	Limestone, Shale, Sand & Chert
11,200	11,900	700	Dolomite & Chert
11,900	12,000	100	Sand & Shale
12,000	12,237	237	Dolomite w/some granite wash at bottom.
FORMATION LOSS (PER LOSS)			
Meso		4,301'	(-356')
Abo		6,400'	(-2455')
Wolfcamp		7,672'	(-3727')
Pennsylvanian		8,330'	(-4335')
Atoka		9,462'	(-5517')
Mississippian		10,415'	(-6470')
Devonian		10,970'	(-7025')
Montoya		11,570'	(-7625')
Simpson		11,895'	(-7950')
Allenburger		11,970'	(-8025')

FORMATION RECORD-Continued

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 pigs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

HISTORY OF OIL OR GAS WELL

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A cable tool rig spudded at 4:00 PM, NET, 2-5-59 with a 16 3/4" bit & drilled to 465'. Then 13 3/8" casing was cemented at 460' w/350 ex. Regular Neat Cement. A rotary rig moved on location, tested the casing w/1000 psi for 30 minutes, and started drilling at 3:30 PM, NET, 2-22-59 with a 12 1/4" bit. At 2-23-59, 9 5/8" casing was set at 2929' w/600 ex. cement. After waiting on cement, casing was tested w/1000 psi for 30 minutes. Drilling started again on 3-1-59 w/ an 8 3/4" bit and a viscose, bentonite, diesel emulsion mud. A total of eight drill stem tests were run, one in the sea bed, four in the Devonian, and three on the Alleanbarrow. A total of 220' was cored in the Devonian. The well was drilled to 12,237' and encountered no commercial hydrocarbon shows. Accordingly, the well was plugged and abandoned on 5-29-59 in the following manner: spotted 1-0 ex. sio-set cement plug from 12,237' - 11,900', spotted 25 ex. sio-set cement plug from 10,920' - 10,870'. Pulled up to 10,425' and circulated two hours with no cement returns. Spotted 30 ex. cement plug from 2954' - 2904'; pulled up to 2600' and circulated with no cement returns. Disconnected blow-out preventors and 9 5/8" casing and erected marker.