

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 056968
LEASE OR PERMIT TO PROSPECT Langlie "A"

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company ANDERSON-PRICHARD OIL CORPORATION Address Liberty Bank Bldg., Oklahoma City
Lessor or Tract Langlie "A" Field Langlie-Mattix State New Mexico
Well No. 4 Sec. 17 T. 25S R. 37E Meridian N.M.P.M. County Lea
Location 1980 ft. N. of X Line and 660 ft. E. of E Line of Sec. 17 Elevation 3080
(Derrick floor relative to sea 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 M. L. Mattix Title District Engineer
Date November 25, 1952

The summary on this page is for the condition of the well at above date.
Commenced drilling November 1, 1952 Finished drilling November 18, 1952

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

No. 1, from 2850 to 3169 No. 4, from _____ to _____
No. 2, from 3210 to 3387 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

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

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4"	32.75	8V	H&O	307	Open End				Surface Oil String
7"	20	8R	J-55	320 1/2	Larkin				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	307	250	Pump & Plug	Water	Hole full
7"	320 1/2	200	Pump & Plug	10.2	Hole Full

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material None Size _____

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from 0 feet to 3387 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

November 26, 1952 Put to producing November 23, 1952
The production for the first 24 hours was 200.89 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, lbs. per sq. in. _____

EMPLOYEES

Walter E. Lowe, Driller S. T. Coulter, Driller
E. J. Hill, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	42	42	Surface caliche, rock, red bed
42	315	273	Red Bed, Shells Set 10-3/4" csg. at 307' with 250 sx. Cement circulated to surface.
315	1075	760	Red rock and shale
1075	1105	30	Red bed, anhydrite shells
1105	1220	115	Anhydrite
1220	268 1/2	146 1/2	Salt, Anhydrite
268 1/2	2838	15 1/2	Anhydrite, gypsum
2838	2932	9 1/2	Anhydrite, gypsum, lime
2932	2980	48	Lime, gypsum, sand
2980	3169	189	Lime, gypsum, sand
3169	3387	218	Sandy lime, lime
			T. Anhydrite 1070'
			T. Salt 1182'
			T. Yates 2850'
			T. Queen 3210'

FORMATION RECORD—Continued

[illegible]

HISTORY OF OIL OR GAS WELL

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.

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