

RECEIVED  
COMMISSION 1951  
OIL COMMISSION 1951

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or <sup>proper</sup> agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). **SUBMIT IN TRIPLICATE.**

Phillips Lea      Company or Operator      Lease  
 Well No. 2      in SW4/NL4      of Sec. 31      T. 17-S  
 R. 34-E      N. M. P. M.,      Vacuum      Field,      County.  
 Well is 2310 feet south of the North line and 1650 feet west of the East line of Sec. 31, T-17S, R-34E  
 If State land the oil and gas lease is No. R-4118      Assignment No. \_\_\_\_\_  
 If patented land the owner is \_\_\_\_\_, Address \_\_\_\_\_  
 If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_  
 The Lessee is \_\_\_\_\_, Address \_\_\_\_\_  
 Drilling commenced Aug. 28 1951      Drilling was completed Oct. 27 1951  
 Name of drilling contractor Cactus Drilling Company      Address San Angelo, Texas  
 Elevation above sea level at top of casing 4087 feet.  
 The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_.

No. 1, from 4655 to 4710 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet. \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet. \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet. \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet. \_\_\_\_\_

[illegible]

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	8-5/8	1590	500	Halliburton		
	7	4620	75	Halliburton		

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth Set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		<del>2 Stage 15 # J</del>	<del>8000</del>	<del>10-29-51</del>	<del>4720</del>	

Results of shooting or chemical treatment\_\_\_\_\_ **144 Bbls. after treatment**

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

Rotary tools were used from 1590 feet to 4720 feet, and from - feet to - feet.

Cable tools were used from -0- feet to 1590 feet, and from - feet to - feet.

Put to producing Oct. 31, 1951  
The production of the first 24 hours was 144 barrels of fluid of which 100 % was oil; - %  
emulsion; - % water; and - % sediment. Gravity, Be 37°  
If gas well, cu. ft. per 24 hours. - Gallons gasoline per 1,000 cu. ft. of gas -  
Rock pressure, lbs. per sq. in. 1 unit

**Cactus Drilling Company** Driller \_\_\_\_\_, Driller \_\_\_\_\_  
**Geo. Baker, Hobbs, N. M., Super-** Driller **intendent** Driller \_\_\_\_\_

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Port Worth, Texas Nov., 5, 1951

Place Date

Name C. D. Fleet, Jr.

Position Asst. Secretary

Representing Neville G. Penrose, Inc.  
Company or Operator.

Address 1815 Fair Building

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1515	1515	Surface materials and red beds.
1515	1590	75	Broken Anhydrite & red shale
1590	1665	75	Anhydrite.
1665	2695	1030	Salt with streaks of Anhydrite
2695	2860	165	Anhydrite with streaks dolomite & sand.
2860	2950	90	Yates sand zone - sands, shales & streaks Anhydrite.
2950	3170	220	Anhydrite with streaks sand, shale & dolomite.
3170	3220	50	Gray sand.
3220	3820	600	Broken Anhydrite and dolomite with slight amount shale & sand.
3820	3865	45	Coarse Gray sand.
3865	4205	340	Broken Anhydrite and dolomite with slight amounts shale and sand.
4205	4599	394	Mostly dense dolomite with streaks of tight sand with sandy dolomite bottom 50 feet.
4599	4720	121	White lime dolomite
			Top San Andres 4599 Oil Zone 4655 - 4710