

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

Neville G. Penrose, Inc.

Hale-State

Well No. 2 Company or Operator in SE/NE of Sec. 31 Lease T. 17-6
 R. 34-E, N. M. P. M., Vacuum Field, Lea County.
 Well is 790 feet south of the North line and 330 feet west of the East line of Sec. 31-17-34
 If State land the oil and gas lease is No. 8-2317 Assignment No. 7
 If patented land the owner is _____, Address _____
 If Government land the permittee is _____, Address _____
 The Lessee is _____, Address _____
 Drilling commenced 11-14 1951 Drilling was completed 1-18 1952
 Name of drilling contractor Cactus Drilling Company, Address San Angelo, Texas
 Elevation above sea level at top of casing 4083 feet.
 The information given is to be kept confidential until _____ 19____

OIL SANDS OR ZONES

No. 1, from 4652 to 4737 No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

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.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
8 5/8	24			1550				Surface & Salt Production
5 1/2	17			4652				
2 3/8	4.70			4765				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11	8 5/8	1550	500	Halliburton	with 3% Gel	
7 3/4	5 1/2	4652	100	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____
 Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Acid	1500	1-19-52	4652-4737	
		Acid	6000	1-21-52	4652-4737	

Results of shooting or chemical treatment.
 Before: 1/2 BOPH Natural
 After: 4 BOPH on the Swb.

RECORD OF DRILL-STEM AND SPECIAL TESTS

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

TOOLS USED

Rotary tools were used from 0 feet to 1550 feet, and from _____ feet to _____ feet.
 Cable tools were used from 1550 feet to 4737 feet, and from _____ feet to _____ feet.

PRODUCTION

Put to producing 2-5 1952
 The production of the first 24 hours was 50 barrels of fluid of which 72 % was oil; _____ % emulsion; 7 % water; and 1 % sediment. Gravity, Be 57°
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. Pump

EMPLOYEES

Cactus Drilling Company, Driller George Baker, Driller
Hobbs, New Mexico, Driller Superintendent, Driller

FORMATION RECORD ON OTHER SIDE

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.

Subscribed and sworn to before me this 11th
 day of March, 1952

 Notary Public

Fort Worth, Texas March 11, 1952
 Place Date
 Name [Signature]
 Position Production Clerk
 Representing Neville G. Penrose, Inc.
 Company or Operator.
 Address 1815 Fair Building, Fort Worth, Texas

My Commission expires _____

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1510	1510	Red Beds
1510	1655	145	Anhydrite
1655	2665	1010	Salt with streaks Anhydrite & Potash
2665	2830	165	Anhydrite
2830	3000	170	Yates Sand Zone sand, shale and Anhydrite
3000	3135	135	Anhydrite - streaks sand & Dolomite
3135	3200	65	Coarse gray sand
3200	3800	600	Broken Anhydrite & Dolomite - slight amount sand & shale
3800	3835	35	Coarse gray sand
3835	4200	365	Broken Anhydrite & Dolomite with streaks of sand
4200	4602	402	Dense Dolomite - streaks dense sand with sandy Dolomite at base.
4602	4737	137	White crystalline Dolomite
			Top San Andres 4602