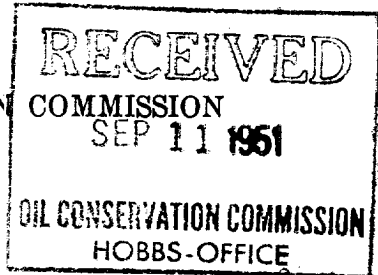


DUPLICATE
FORM C-105
N.
[Grid]

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or proper 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.

AREA 640 ACRES
LOCATE WELL CORRECTLY
NEVILLE G. PENROSE INC.

HALE-STATE

Well No. **1** Company or Operator **NE/4** Lease **31** T. **17-S**
R. **34-E**, N. M. P. M., **Vacuum** Field, **Lea** County.
Well is **2310** feet south of the North line and **330** feet west of the East line of **Section 31**
If State land the oil and gas lease is No. **B-2317** Assignment No. **7**
If patented land the owner is _____, Address _____
If Government land the permittee is _____, Address _____
The Lessee is _____, Address _____
Drilling commenced **June 13** 19 **51** Drilling was completed **August 16** 19 **51**
Name of drilling contractor **Cactus Drilling Company**, Address **San Angelo, Texas**
Elevation above sea level at top of casing **4080** feet.
The information given is not to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from **4630** to **4731** 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 **3825** to **3860** feet. **Approx 3 bailers salt**
No. 2, from _____ to _____ feet. **water each run**
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	28#	8-R	SS	1603	Larkin				
7"	20#	8-R	SS	4630	Larkin				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	8-5/8	1603	500	Halliburton		
	7"	4630	10	"		

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
Western Co	15 % Low Tension	Acid	4000 gals.	8/19/51		

Results of shooting or chemical treatment **1 1/2 bbls per hr natural, after acid, 4-5 bbl per hr on swab**

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 **1603** feet, and from _____ feet to _____ feet.
Cable tools were used from **1603** feet to **4731** feet, and from _____ feet to _____ feet.

PRODUCTION

Put to producing **September 1** 19 **51**
The production of the first 24 hours was **158** barrels of fluid of which **98** % was oil; **-** % emulsion; **2** % 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. **pump**

EMPLOYEES

CACTUS DRILLING CO Driller _____ Driller _____
Geo. Baker, 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 _____

Place _____ Date _____

day of _____, 19 **51**

Name **NEVILLE G. PENROSE INC.**

Position By **P. G. Anderson** Agent

Representing **NEVILLE G. PENROSE INC**
Company or Operator.

Notary Public

My Commission expires _____

Address **1815 Fair Building Fort Worth 2, Texas**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1510	1510	Surface material and red beds
1510	1580	70	Broken Anhydrite & red shale
1580	1670	90	Anhydrite
1670	2700	1030	Salt with scattered streaks of Anhydrite
2700	2815	115	Anhydrite, with streaks on dolomite and sand
2815	2960	145	Yates Sd. zone. Sand, Shale & streaks anhydrite
2960	3185	225	Anhydrite with streaks of shale, sand, & dolomite
3185	3240	55	Coarse gray sd.
3240	3825	485	Broken anhydrite and dolomite with slight amount shale and sand
3825	3860	35	Coarse gray sd.
3860	4210	350	Broken dolomite and anhydrite with streaks of shaley sand.
4210	4616	404	Mostly dense dolomite with streaks of tan tight sand, with sandy dolomite at base.
4616	4731	115	White crystalline dolomite.
			Top San Andres 4616.
			Oil pay zone 4630-4731