

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

## WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its 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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**Western Natural Gas Company, 509 W. Texas Ave., Midland, Texas**  
Company or Operator Address  
**Hale** Well No. **1** NE SW of Sec. **34**, T. **22S**  
Lease  
R. **36E**, N. M. P. **South Eunice** Field, **Lea** County.  
Well is **1650** feet North of the North line and **1650** feet East of the East line of Section **34-22-36**  
If State land the oil and gas lease is No. Assignment No.  
If patented land the owner is **Curran Jones**, Address **San Angelo, Texas**  
If Government land the permittee is, Address  
The Lessee is **Western Natural Gas Company**, Address **Midland, Texas**  
Drilling commenced **August 20, 1947** Drilling was completed **September 11, 1947**  
Name of drilling contractor **George P. Livermore**, Address **Lubbock, Texas**  
Elevation above sea level at top of casing **3490** feet.  
The information given is to be kept confidential until **Not confidential** 19

## OIL SANDS OR ZONES

No. 1, from to 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	OUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
13-3/8	32#	8	Naylor	30	--	--	--	--	Conductor
8-5/8	32#	8	Nat'l	1417	Larkin	--	--	--	Salt
6	17#	8	Nat'l	3132	Baker	--	--	--	Production
2	4.7#	8	Nat'l	3581	--	--	--	--	Tubing

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2	13-3/8	30	20	Hand-Mix	--	--
11	8-5/8	1430	750	Halliburton	--	--
7-7/8	6	3144	300	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

Results of shooting or chemical treatment

## 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 3594 feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

## PRODUCTION

Put to producing, 19  
The production of the first 24 hours was barrels of fluid of which % was oil; % emulsion; % water; and % sediment. Gravity, Be.  
If gas well, cu. ft. per 24 hours 2,500,000 Gallons gasoline per 1,000 cu. ft. of gas 0.239  
Rock pressure, lbs. per sq. in. 1235#

## EMPLOYEES

**P. E. Lewis**, Driller **C. E. Allen**, Driller  
**George Parsons**, 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 29 day of Sept, 1947

MRS. CECIL R. JOHNSON, Notary Public  
In and for Midland County, Texas

Notary Public

My Commission expires June 1949

Midland, Texas, September 25, 1947

Name **Paul Knight**  
Position **Petroleum Engineer**  
Representing **Western Natural Gas Co.**  
Company or Operator  
Address **509 W. Texas, Midland, Texas**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	20	20	Galiche
20	1360	1340	Red Shale and sand
1360	1450	90	Anhydrite and brown dolomite
1450	2980	1530	Salt, with anhydrite stringers
2980	3020	40	Anhydrite
3020	3140	120	Anhydrite, brown dolomite, red shale
3140	3230	90	Sand, shale, & anhydrite
3230	3595	365	Dolomite, sand, & tr. shale
			T.D. 3595