

AREA 640 ACRES  
LOCATE WELL CORRECTLYNEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico1035 MAR 24 AM 9:55  
WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

Cities Service Oil Company

State "AR"

(Company or Operator)

(Lease)

Well No. 1, in NE  $\frac{1}{4}$  of SW  $\frac{1}{4}$ , of Sec. 2, T. 20-S, R. 37-E, NMPM.

Edmont

Pool, Lea

County.

Well is 1980 feet from South line and 1980 feet from West lineof Section 2-20S-37E. If State Land the Oil and Gas Lease No. is NM 10105-HDrilling Commenced February 19, 1955 Drilling was Completed March 5, 1955Name of Drilling Contractor Howard P. HolmesAddress Box 667, Hobbs, New MexicoElevation above sea level at Top of Tubing Head 3613' DF The information given is to be kept confidential until  
\_\_\_\_\_, 19\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from <u>3535</u> to <u>3677</u>	No. 4, from <u>-</u> to <u>-</u>
No. 2, from <u>-</u> to <u>-</u>	No. 5, from <u>-</u> to <u>-</u>
No. 3, from <u>-</u> to <u>-</u>	No. 6, from <u>-</u> to <u>-</u>

## IMPORTANT WATER SANDS

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

No. 1, from <u>-</u> to <u>-</u> feet.	<u>-</u>
No. 2, from <u>-</u> to <u>-</u> feet.	<u>-</u>
No. 3, from <u>-</u> to <u>-</u> feet.	<u>-</u>
No. 4, from <u>-</u> to <u>-</u> feet.	<u>-</u>

## CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8"	24#	New	1414.54	Baker	-	-	Surface
5 1/2"	14#	New	3508.95	Halliburton	-	-	Production

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/4"	8 5/8	1430.09	730	-	-	-
7 7/8"	5 1/2	3522	400	-	-	-

## RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

This well was sand frac with 8000 gal and 4000 pound of sand. Pumped in 25 bbl; then frac at 12.2 BPM 1800# psi. Total load and treatment 399 bbl. Recovered load and tested.

Result of Production Stimulation Flowed 1730 MCF gas in 24 hrs plus 22.3 bbls oil and 1.2 bbl water, 600# FTP, FCP 640#.

Depth Cleaned Out -

**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 3820 feet, and from - feet to - feet.  
 Cable tools were used from - feet to - feet, and from - feet to - feet.

**PRODUCTION**

Put to Producing March 16, 1955

OIL WELL: The production during the first 24 hours was \_\_\_\_\_ barrels of liquid of which \_\_\_\_\_% was  
 was oil; \_\_\_\_\_% was emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% was sediment. A.P.I.  
 Gravity \_\_\_\_\_

GAS WELL: The production during ~~first~~ 24 hours was 1730 M.C.F. plus 22.3 barrels of  
 liquid Hydrocarbon. Shut in Pressure 1210 lbs.  
 Length of Time Shut in 5 hrs.

**PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):**

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.....	<u>1395'</u>	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....		T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....		T. Montoya.....	T. Farmington.....
T. Yates.....	<u>2743'</u>	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	<u>2965'</u>	T. McKee.....	T. Menefee.....
T. Queen.....	<u>3535'</u>	T. Ellenburger.....	T. Point Lookout.....
T. <del>Queen</del> <b>Penrose</b> (Lower Queen) <u>3657'</u>		T. Gr. Wash.....	T. Mancos.....
T. San Andres.....		T. Granite.....	T. Dakota.....
T. Glorieta.....		T. ....	T. Morrison.....
T. Drinkard.....		T. ....	T. Penn.....
T. Tubbs.....		T. ....	T. ....
T. Abo.....		T. ....	T. ....
T. Penn.....		T. ....	T. ....
T. Miss.....		T. ....	T. ....

**FORMATION RECORD**

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	25	25	Caliche				
25	80	55	Surface sand				
80	1398	1318	Red Bed				
1398	1523	125	Anhydrite				
1523	1985	462	Anhydrite and gyp				
1985	2580	595	Salt and anhydrite				
2580	2777	197	Anhydrite				
2777	3290	513	Lime and anhydrite				
3290	3358	68	Anhydrite, gyp & lime				
3358	3676	318	Lime				
3676	3739	63	Dolomite and gyp				
3739	3820	81	Lime				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

3-21-55  
(Date)

Company or Operator Cities Service Oil Company Address Box 97, Hobbs, New Mexico  
 Name Geo. Geyer Position or Title Dist. Supt.