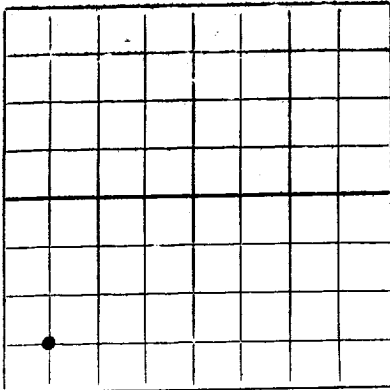


N.



AREA 640 ACRES  
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

LOCALS OFFICE OCC

1954 JUL 21 AM 7:17

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 "NM"

(Company or Operator)

(Lease)

Well No. 1, in SW 1/4 of SW 1/4, of Sec. 2, T. 14S, R. 31E, NMPM.

Undesignated

Pool, Lea

County.

Well is 4620 feet from East line and 4620 feet from North line

of Section 2-14S-31E. If State Land the Oil and Gas Lease No. is E-6401

Drilling Commenced June 25, 1954 Drilling was Completed July 17, 1954

Name of Drilling Contractor Cactus Drilling Company

Address Box 348, San Angelo, Texas

Elevation above sea level at Top of Tubing Head 4407 DP. The information given is to be kept confidential until 1954.

OIL SANDS OR ZONES

No. 1, from 3042' to 3059' 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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13 3/8"	36# & 48#	New	302'	Armco	-	-	Surface
8 5/8"	24#	Used	1400.33'	Baker	211.67*	-	Intermediate
5 1/2"	14#	New	3036.5'	Baker	-	-	Oil

\* An attempt was made to reclaim 8 5/8" OD csg. However, only 211.67' was pulled. Casing parted and remainder was left in hole.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2"	13 3/8"	306'	250	Plug	-	-
11"	8 5/8"	1400.33'	None	Plug	9#	20 sacks mud w/22 bbl oil
7 7/8"	5 1/2"	3039'	150	Plug	-	Mud ahead of cement

RECORD OF PRODUCTION AND STIMULATION

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

This well was neither shot or acidized.

Result of Production Stimulation

Depth Cleaned Out

**F    ORD 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 1407 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Cable tools were used from 1407 feet to 3062 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

**PRODUCTION**

Put to Producing July 18, 19 54  
4  
 OIL WELL: The production during the first ~~24~~ hours was 82 barrels of liquid of which 100 % was  
 was oil; -0- % was emulsion; -0- % water; and -0- % was sediment. A.P.I.  
 Gravity 36.5  
 GAS WELL: The production during the first 24 hours was \_\_\_\_\_ M.C.F. plus \_\_\_\_\_ barrels of  
 liquid Hydrocarbon. Shut in Pressure \_\_\_\_\_ lbs.  
 Length of Time Shut in \_\_\_\_\_

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

**Southeastern New Mexico**

**Northwestern New Mexico**

T. Anhy.....	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	T. Montoya.....	T. Farmington.....
T. Yates..... <u>2275</u>	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	T. McKee.....	T. Menefee.....
T. Queen..... <u>3042</u>	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	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	140	140	Caliche, gravel, sand				
140	1120	980	Red Bed				
1120	1235	115	Red shale-sandy				
1235	1400	165	Red Bed and shells				
1400	1490	90	Anhydrite				
1490	1500	10	Anhydrite & red shale				
1500	1915	415	Salt				
1915	2130	215	Salt, anhydrite, red rock				
2130	2210	80	Red rock				
2210	2360	150	Red rock, shale, anhydrite				
2360	3037	677	Red rock, shells, shale & anhydrite				
3037	3042	5	Anhydrite				
3042	3059	17	Sand (Queen)				
3059	3062	3	Anhydrite				

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.

Company or Operator Cities Service Oil Company  
 Name R. W. Ely

July 19, 1954  
 (Date)  
 Address Box 97, Hobbs, New Mexico  
 Position or Title Asst. Division Supt.