



**DUPLICATE**

**NEW MEXICO OIL CONSERVATION COMMISSION**

Santa Fe, New Mexico

**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**. If State Land submit 6 Copies

Cities Service Oil Co.  
(Company or Operator)

State RF  
(Lease)

Well No. 1, in SW 1/4 of NE 1/4, of Sec. 16, T. 20, R. 33, NMPM.

Well is 1980 feet from North line and 1980 feet from East line of Section 16-20-33. If State Land the Oil and Gas Lease No. is E 3441

Drilling Commenced May 3, 1960 Drilling was Completed May 16, 1960

Name of Drilling Contractor Cactus Drilling Co.

Address 905 South Cecil, Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head 3543. The information given is to be kept confidential until \_\_\_\_\_, 19\_\_\_\_.

**OIL SANDS OR ZONES**

No. 1, from 3096 to 3202 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
9 5/8"	32.3-36	New	1223.45	Baker	-	-	Surface
7"	20	New-used	2961.50	Baker	-	-	Surface
5"	13-15	New	347.55	Brown	-	(6) 3166'-3208.5 (40) 3096'-3106' (32) 8194'-3202'	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"	9 5/8	1236.45	600	Plug	-	-
8 3/4"	7"	2969.50	800	Plug	-	-
6 1/8"	5"	3274.82	50	Plug	-	-

**RECORD OF PRODUCTION AND STIMULATION**

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

(1) Acidized w/500 gallon-fraced w/5000 gal. & 5000 pound sand

(2) Acidized w/500 gallon-fraced w/5000 gal. & 5000 pounds sand

(3) Acidized w/500 gallon 25% acid; 1000 gallon retarded acid; 10,000 gallon & 10,000 pound sand

Result of Production Stimulation (1) recovered load; (2) recovered load; (3) recovered load - Pumped potential 51.04 barrels oil, 28.71 barrels water, 24 hrs.

36" stroke, 148 P.M., GORTSM Gr. 33° Depth Cleaned Out 3202'

**RECORD OF DRILL-STEM AND SPECIAL TESTS**

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

**TOOLS USED**

Rotary tools were used from 0 feet to 3278 feet, and from - feet to - feet.  
 Cable tools were used from - feet to - feet, and from - feet to - feet.

**PRODUCTION**

Put to Producing July 24, 1960.  
 OIL WELL: The production during the first 24 hours was 79.75 barrels of liquid of which 64 % was oil; - % was emulsion; 36 % water; and - % was sediment. A.P.I. Gravity 33° @ 60.  
 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..... <u>1257 + 2292</u>            | T. Devonian.....    | T. Ojo Alamo.....          |  |
| T. Salt.....                               | T. Silurian.....    | T. Kirtland-Fruitland..... |  |
| B. Salt..... <u>Base 2805 + 744</u>        | T. Montoya.....     | T. Farmington.....         |  |
| T. Yates..... <u>2982 + 567</u>            | T. Simpson.....     | T. Pictured Cliffs.....    |  |
| T. 7 Rivers..... <u>(Dolo.) 3266 + 283</u> | T. McKee.....       | T. Menefee.....            |  |
| T. Queen.....                              | 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	41	41	Sand, Surface Rock				
41	843	802	Red Bed				
843	967	124	Anhydrite				
967	1020	53	Shale				
1020	1244	224	Anhydrite-Shale				
1244	1399	155	Anhydrite				
1399	2845	1446	Salt, Anhydrite				
2845	2951	106	Anhydrite, Gyp				
2951	3040	89	Anhydrite				
3040	3278	238	Dolomite, Sand				
			3278' = TD				
			3203' = PSTD				

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 as can be determined from available records.

Company or Operator Cities Service Oil Co.  
 Name George M. Geyer

George M. Geyer 7-25-60 (Date)  
 Address Box 97, Hobbs, New Mexico  
 Position or Title District Superintendent