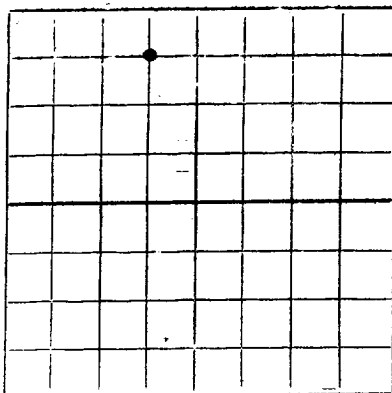


N.

(Revised 7/1/53)  
(Form C-105)AREA 640 ACRES  
LOCATE WELL CORRECTLY

Cities Service Oil Company

(Company or Operator)

State D

(Lease)

Well No. 5, in NE  $\frac{1}{4}$  of NW  $\frac{1}{4}$ , of Sec. 32, T. 21-S, R. 36-E, NMPM.Eumont

Pool,

Lea

County.

Well is 1980 feet from West line and 660 feet from North lineof Section 32-21S-36E. If State Land the Oil and Gas Lease No. is B-1481Drilling Commenced June 9, 1956 Drilling was Completed June 28, 1956Name of Drilling Contractor Makin Drilling CompanyAddress Hobbs, New MexicoElevation above sea level at Top of Tubing Head 3604' (DP) The information given is to be kept confidential until  
- , 19- -

## OIL SANDS OR ZONES

No. 1, from 3826' to 3830' 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
8 5/8"	24#	New	1479.83'	Baker	-	-	Surface
5 1/2"	14#	NEW	3776.48'	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 1/2"	8 5/8"	1486.2'	*	Plug	-	-
7 7/8"	5 1/2"	3784'	300	Plug	-	-

\*687 sacks incor & poxmix (mixture 50-50 w/2% calcium chloride added) plus 300 sacks neat bottom.  
RECORD OF PRODUCTION AND STIMULATION

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

7-2-56 this well was sand fraced. Used 15,000 gal. lease crude & 15,000# sand. Max. press.  
2700# @ rate/24.4 bbls./min. SIP 1400#, 6 hr. SI 100#.Result of Production Stimulation. After frac, started swabbing, flowed 532.74 bbls. oil cut 2% BS &W.  
choke 30/64, FTP 250#, FGP 550#, Gas rate 320 MCF/day. GOR 518. 7-4-56 flowed load,  
started potential.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 3830 feet, and from - feet to - feet.  
 Cable tools were used from - feet to - feet, and from - feet to - feet.

## PRODUCTION

Put to Producing 7-4, 19 56  
 OIL WELL: The production during the first 24 hours was 85 barrels of liquid of which 99.8 % was oil; 2/10 % was BS&W emulsion; - % water; and - % was sediment. A.P.I. Gravity 35.8  
 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>1480' (-2124')</u>	T. Devonian	
T. Salt		T. Silurian	
B. Salt		T. Montoya	
T. Yates	<u>3160' (-444)</u>	T. Simpson	
T. 7 Rivers	<u>3425' (-179)</u>	T. McKee	
T. Queen	<u>3826' (-222)</u>	T. Ellenburger	
T. Grayburg		T. Gr. Wash.	
T. San Andres		T. Granite	
T. Glorieta		T.	
T. Drinkard		T.	
T. Tubbs		T.	
T. Abo		T.	
T. Penn.		T.	
T. Miss.		T.	
T. Ojo Alamo			
T. Kirtland-Fruitland			
T. Farmington			
T. Pictured Cliffs			
T. Menefee			
T. Point Lookout			
T. Mancos			
T. Dakota			
T. Morrison			
T. Penn.			
T.			
T.			
T.			
T.			

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	275	275	Surface soil, sand & caliche				
275	880	605	Red bed				
880	943	63	Red rock				
943	1055	112	Red bed				
1055	1268	213	red rock				
1268	1415	147	Red bed				
1415	1475	60	Red bed & red rock				
1475	1575	100	Anhydrite				
1575	1890	315	Salt & anhydrite				
1890	2450	560	Salt				
2450	3062	612	Salt & anhydrite				
3062	3268	206	Anhydrite & gyp				
3268	3318	50	Anhydrite & lime				
3318	3367	49	Anhydrite, gyp, lime				
3367	3450	83	Anhydrite, lime.				
3450	3830	380	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.

Company or Operator Cities Service Oil Company Address Box 97, Hobbs, New Mexico  
 Name Geo. M. Geyer Position or Title District Superintendent  
 Date 7-6-56