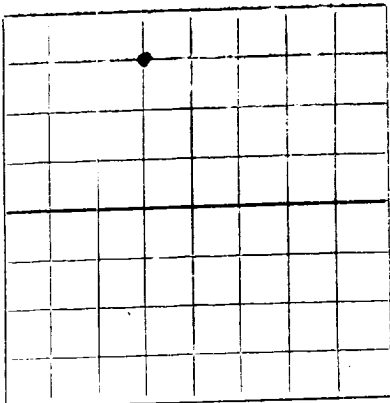


N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

OCT 25 PM 2:31
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 Co.
(Company or Operator)

State BE

Well No. 1, in NE 1/4 of NW 1/4, of Sec. 16, T. 11-S, R. 38-E, NMPM.

Undesignated Pool, Lea County.

Well is 660 feet from North line and 1980 feet from West line

of Section 16-11S-38E If State Land the Oil and Gas Lease No. is E-6983

Drilling Commenced July 11, 1957. Drilling was Completed October 3, 1957

Name of Drilling Contractor Parker Drilling Company

Address 418 Nat'l Bank of Tulsa Bldg., Tulsa, Oklahoma

Elevation above sea level at Top of Tubing Head 3914' (DF) The information given is to be kept confidential until 1957

OIL SANDS OR ZONES

No. 1, from 12,004 to 12,084 (Dev.) No. 4, from - to -
No. 2, from 9,460 to 9,512 (Husco) 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"	48#	New	364.84	Baker	-	-	Surface
8 5/8"	32#	New	4399.20	Baker	-	-	Intermediate
5 1/2"	17 & 20#	New	12,073.07	Baker	-	-	Oil String

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 1/4"	13 3/8"	383.54	375 sx neat	Plug	-	-
11 1/4"	8 5/8"	4414.20	*	Plug	-	-
7 7/8"	5 1/2"	12087.57	**	Plug	-	-

* 1335 sx diamix A (5050 Incor neat & Diamix A/6% gel. overall) plus 200 sx reg. neat (Total 1535 sx)
RECORD OF PRODUCTION AND STIMULATION

** 400 sx 4% gel. plus 200 sx reg. neat

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

10-16-57 Acidize w/20,000 gal. VLST acid in two stages. Ran 500# moth balls, max. press. 5900# @ 3.8 bbls/min.

10-17-57 Back flowed 84 bbls. oil, 130 bbls. water, 9 hrs. Swabbed 305 BO, 6 BW & Result of Production Stimulation B.S., 24 hrs. 10-18 - flowed 143 bbls. oil cut 1% water, 14 hrs. Flowed 116 BO, 16 BW, 24 hrs. 10-19 - 10-20 flowed 17518 BO, 7.75 BW, 24 hrs. 10-21 - Prod. 12,084' PBTD 182.25 bbl. 24 hrs. cut 5% B.S. & W. - Ready to 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 12,089 feet, and from - feet to - feet.
Cable tools were used from - feet to - feet, and from - feet to - feet.

PRODUCTION

Put to Producing October 22, 1957
potential test
OIL WELL: The production during the first 24 hours was 172.16 barrels of liquid of which 95 % was oil; 5 % was BS&W water; and - % was sediment. A.P.I. Gravity 43.8
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>2273' (-1641')</u>	T. Devonian	<u>12,004' (-8090')</u>	T. Ojo Alamo	
T. Salt		T. Silurian		T. Kirtland-Fruitland	
B. Salt		T. Montoya		T. Farmington	
T. Yates	<u>3056' (-1858')</u>	T. Simpson		T. Pictured Cliffs	
T. 7 Rivers		T. McKee		T. Menefee	
T. Queen	<u>3774' (-1140')</u>	T. Ellenburger		T. Point Lookout	
T. Grayburg		T. Gr. Wash		T. Mancos	
T. San Andres	<u>4357' (-443')</u>	T. Granite		T. Dakota	
T. Glorieta	<u>5840' (-1926')</u>	T. <u>Penrose 3930' (-16')</u>		T. Morrison	
T. Drinkard		T. <u>Clearfork 6459' (-2545')</u>		T. Penn.	
T. Tubbs		T. <u>Fullerton 7112' (-3198')</u>			
T. Abo	<u>7795' (-3881')</u>	T. <u>Hueco 9057' (-5143')</u>			
T. Penn	<u>9644' (-5730')</u>	T. <u>Woodford 11921' (-8007')</u>			
T. Miss	<u>11432' (-7518')</u>				

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	150	150	surface soil, sand, caliche	9664	10026	362	Lime & Shale
150	1807	1657	Red Bed	10026	10278	252	Lime & Chert
1807	2070	263	Red Bed & Shells	10278	10327	49	Lime & Shale
2070	2272	202	Red Bed & Anhy.	10327	10405	78	Lime
2272	2351	79	Anhy & Gyp	10405	10709	304	Lime & Shale
2351	2500	149	Anhy, Gyp & Salt	10709	10806	97	Lime & Chert
2500	3061	561	Salt & Anhy.	10806	10936	130	Lime & Shale
3061	3504	443	Anhy & Gyp	10936	11058	122	Lime & Chert
3504	4027	523	Anhy.	11058	11456	398	Lime & Shale
4027	4415	388	Anhy & Lime	11456	11640	184	Lime & Chert
4415	5081	666	Lime	11640	11662	22	Lime & Shale
5081	5294	213	Lime & Sand	11662	11681	19	Lime & Chert
5294	5403	109	Sandy Lime & Dolomite	11681	11693	12	Lime & Shale
5403	5878	475	Lime	11693	11715	22	Lime & Chert
5878	6423	545	Sandy Lime	11715	11795	80	Lime & Shale
6423	6506	83	Lime	11795	11801	6	Lime & Shale
6506	6605	99	Dolomite & Lime	11801	11838	37	Lime & Chert
6605	9027	2422	Lime	11838	11890	52	Lime & Shale
9027	9189	162	Lime & Shale	11890	11998	108	Lime & Chert
9189	9327	138	Lime	11998	12038	40	Lime & Shale
9327	9350	23	Lime & Chert	12038	12089	51	Dolomite
9350	9390	40	Lime				
9390	9405	15	Lime & Chert				
9405	9432	27	Lime, Shale & Chert				
9432	9512	80	Lime				
9512	9627	115	Lime & Shale				
9627	9664	37	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 S. G. Stoltz

Position or Title Division Clerk

10-23-57
(Date)