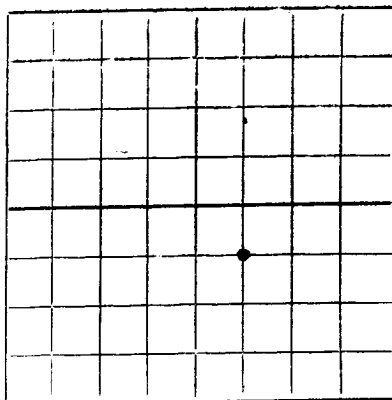




AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
HOBBS OFFICE, OGC
Santa Fe, New Mexico

1957 OCT 15 PM 3:35
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 Production Company

(Company or Operator)

Miller

(Lease)

Well No. 1, in NW $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec. 16, T. 12-S, R. 38-E, NMPM.

Gladiola Pool, Lea County.

Well is 1980 feet from East line and 1990 feet from South line

of Section 16-12S-38E. If State Land the Oil and Gas Lease No. is -

Drilling Commenced July 2, 19 57 Drilling was Completed October 6, 19 57

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 3884' (DF). The information given is to be kept confidential until -, 19 -

OIL SANDS OR ZONES

No. 1, from 11952 to 11982 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"	48#	New	373.52'	Baker	-	-	Surface
8 5/8"	32, 28, 24	New & used	4479.9'	Baker	-	-	Intermediate
5 1/2"	17 & 20	New	11,998.8'	Halliburton	-	-	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 1/2"	13 3/8"	392.02	400 sx neat	Plug	-	-
11 1/4"	8 5/8"	4493.4	*	"	-	-
7 7/8"	5 1/2"	12012.91	**	"	-	-

*1840 sx 6% 50-50 Pozmix Plus 240 sx neat Total 2080 sx.

RECORD OF PRODUCTION AND STIMULATION

**1st stage 225 sx slow set neat cement - 2nd stage 300 slow set w/4% gel.
(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

10-12-57 - 1000 gal. mud acid, max. press. 3000# @ 4.8 bbls/min. Total load 71 bbls.

Potential test 10-13-57 - flowed 582 BO, 31 BW & mud, 11 hrs.

15/64" choke, FTP 300#, gravity 45.0, GOR 131. (24 hrs. rated 1271 bbls. oil cut 5% B.S.&W.

Result of Production Stimulation Swabbed & flowed 7 bbls. water & acid. Water to pits 4 1/2 hrs. Then

flowed 475.75 BO, 19.25 bbls. water 13 hrs. 30/64" choke, FTP 300#, gravity 45.0, GOR 176.

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 12,007 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing. October 13, 1957.

OIL WELL: The production during the first 24 hours was 613 barrels of liquid of which 95% was oil; % was emulsion; 5% B.S. /water; and % was sediment. A.P.I. Gravity. 45.0 (24 hrs. rated 1271 bbls. oil cut 5% B.S. & W.)

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. 2212 (-1673)	T. Devonian 11952 (-8067)	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates 3074 (-811)	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen 3822 (-63)	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres 4450 (-565)	T. Granite	T. Dakota
T. Glorieta 5913 (-2028)	T. Penrose 3983 (-98)	T. Morrison
T. Drinkard	T. Clearfork 6534 (-2649)	T. Penn
T. Tubbs	T. Fullerton 7158 (-3273)	
T. Abo 7849 (-3964)	T. Huaco 9095 (-5210)	
T. Penn 9657 (-5772)	T. Woodford 11855 (-7970)	
T. Miss 11257 (-7372)		

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	185	185	Surface soil, sd, caliche	7889	7972	83	Shale
185	508	323	Red Bed	7972	8171	199	Lime
508	1208	700	Red Bed & shells	8171	8506	335	Shale
1208	2000	792	Red Bed, shale, anhy.	8506	8758	252	Lime
2000	2121	121	Shale & Anhy.	8758	8866	108	Shale
2121	2304	183	Anhy.	8866	8987	121	Lime
2304	2460	156	Anhy, & salt	8987	9027	40	Shale
2460	2712	252	Salt	9027	9129	102	Lime & Shale
2712	3200	488	Anhy. & salt	9129	9195	66	Shale
3200	3352	152	Anhy. & shale	9195	9208	13	Lime & Shale
3352	3755	403	Salt & anhydrite	9208	9712	504	Lime
3755	3910	155	Anhydrite	9712	9764	52	Lime & Shale
3910	4070	160	Anhydrite & Lime	9764	9883	119	Lime
4070	4319	249	Lime	9883	10002	119	Lime & Shale
4319	4417	98	Lime & Shale	10002	10077	75	Lime
4417	4453	36	Dolomite	10077	10110	33	Lime & Shale
4453	4600	147	Lime	10110	10271	161	Lime
4600	4650	50	Dolomite	10271	10295	24	Lime & Shale
4650	5142	492	Lime	10295	10340	45	Lime
5142	5283	141	Shale	10340	10371	31	Lime & Shale
5283	5864	581	Lime	10371	10394	23	Lime
5864	5910	46	Sand	10394	10605	211	Lime & Shale
5910	6128	218	Shale & Lime	10605	10628	23	Lime
6128	7272	1144	Lime	10628	10696	68	Lime & Shale
7272	7337	65	Shale	10696	10705	9	Lime
7337	7889	552	Lime				

(continued on attached sheet)

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.

October 14, 1957 (Date)

Company or Operator. Cities Service Production Co. Address. Box 97, Hobbs, New Mexico

Name. Geo. M. Geyer Position or Title. Dist. Supt.