

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico1985 APR 15 PM 2:24
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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Cities Service Oil Company

(Company or Operator)

State "AP"

(Lease)

Well No. 1, in NW $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec. 16, T. 15-S, R. 36-E, NMPM.
Caudill-Devonian Pool, Lea County.

Well is 1980 feet from East line and 1980 feet from South line
of Section 16. If State Land the Oil and Gas Lease No. is E-605

Drilling Commenced 12-1, 19 54. Drilling was Completed 4-4, 19 55

Name of Drilling Contractor Parker Drilling Company

Address Lovington, New Mexico

Elevation above sea level at Top of Tubing Head 3914'. The information given is to be kept confidential until
_____, 19____.

OIL SANDS OR ZONES

No. 1, from 13,542 to 13,657 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	314.72	Larkin	-	-	Surface
8 5/8"	32#	New	4658.6	Larkin	-	-	Intermediate
5 1/2"	17# & 20#	New	13536	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 1/4"	13 3/8"	332.32	300	Plug	-	-
11 1/4"	8 5/8"	4672	3250	Plug	-	-
7 7/8"	5 1/2"	13550	425	Plug	-	-

RECORD OF PRODUCTION AND STIMULATION

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

This well was acidized with 1000 gal of mud acid at 3500#. Re-treated with 6000 gal of regular acid at 3500# at 2.7 bbls per min rate.

Result of Production Stimulation After treatment with mud acid, swabbed 58 bbls of acid and water to pit in 6 hrs. Swabbed 136 bbls of oil to tank in 11 hours. After retreatment, swabbed 25 bbl of water to pit & well started flowing. Flowed 87 bbls of fluid in tank in 3 hrs. Last hour flowed 26.67 bbl of oil and 3.78 bbls of acid water.

Depth Cleaned Out -

RECORD OF DRILL-STEM AND SPECIAL TEST

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 13,657 feet, and from - feet to - feet.
Cable tools were used from - feet to - feet, and from - feet to - feet.

PRODUCTION

Put to Producing 4-10, 19 55
8
OIL WELL: The production during the first 24 hours was 375.17 barrels of liquid of which 99.8 % was
was oil; .2 % was emulsion; - % water; and - % was sediment. A.P.I.
Gravity 37.0 61.2
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.....	2030	T. Devonian.....	13,542	T. Ojo Alamo.....
T. Salt.....		T. Silurian.....		T. Kirtland-Fruitland.....
B. Salt.....		T. Montoya.....		T. Farmington.....
T. Yates.....	3083	T. Simpson.....		T. Pictured Cliffs.....
T. 7 Rivers.....		T. McKee.....		T. Menefee.....
T. Queen.....	3930	T. Ellenburger.....		T. Point Lookout.....
T. Grayburg.....		T. Gr. Wash.....		T. Mancos.....
T. San Andres.....	4674	T. Granite.....		T. Dakota.....
T. Glorieta.....	6265	T.		T. Morrison.....
T. Drinkard.....		T.		T. Penn.....
T. Tubbs.....		T.		T.
T. Abo.....	8150	T.		T.
T. Penn.....	10,823	T.		T.
T. Miss.....	12,680	T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	213	213	Surface soil, caliche, sand				
213	337	124	Red Bed & shells				
337	1660	1323	Red Bed				
1660	1828	168	Red Bed & shale				
1828	2011	183	Red Bed & salt				
2011	2237	226	Red Bed & anhydrite				
2237	2600	363	Anhydrite & salt				
2600	4672	2072	Anhydrite & gyp				
4672	4706	34	Dolomite & anhydrite				
4706	8828	4122	Lime				
8828	9609	781	Lime & shale				
9609	10432	823	Lime				
10432	10680	248	Lime & shale				
10680	10968	288	Lime				
10968	12356	1388	Lime & shale				
12356	12722	366	Lime				
12722	13225	503	Lime & chert				
13225	13372	147	Lime & shale				
13372	13542	170	Lime				
13542	13657	115	Lime (Devonian)				

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 George M. Geyer

Address Box 97, Hobbs, New Mexico
Position or Title Dist. Supt.

4-13-55
(Date)