



AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Cities Production Corporation

(Company or Operator)

State "AS"

(Lease)

Well No. 2, in NW 1/4 of SW 1/4, of Sec. 36, T. 16 S, R. 36 E, NMPM.

Lovington Abo

Pool, Lea

County.

Well is 3630' feet from North line and 4290' feet from East line

of Section 36-16S-36E. If State Land the Oil and Gas Lease No. is E-7766

Drilling Commenced November 9, 1952. Drilling was Completed January 9, 1953

Name of Drilling Contractor Warren-Bradshaw Exploration Company

Address National Bank of Tulsa, Tulsa, Oklahoma

Elevation above sea level at Top of Tubing Head 3845' DF. The information given is to be kept confidential until

1953

OIL SANDS OR ZONES

No. 1, from 8344' to 8359'	No. 4, from 8416' to 8423'
No. 2, from 8345' to 8374'	No. 5, from - to -
No. 3, from 8391' to 8400'	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/Used	302.46'	Baker	-	-	-
8 5/8"	24# & 32#	New	3305.08'	Baker	-	-	-
5 1/2"	15.5# & 17#	New	8422.6'	Baker	-	160 Jet Shots-	Oil Production
8344' to 8359', 8365' to 8374', 8391' to 8400', 8416' to 8423'							

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 3/4"	316'	325	Plug	-	-
11"	8 5/8"	3319.28'	2164	Plug	-	-
7 7/8"	5 1/2"	8435'	650	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 3000 gallons of Dowell acid on 1-17-53.

Result of Production Stimulation Swabbed 6 hrs and recovered 73 bbls oil and 4 bbls BS before acidizing. After acidizing swabbed 23 bbls oil flush and 15 bbls acid let hr, well started to flowing. Lowed 107 bbls oil & 44.5 bbls acid water & BS 1st 10 hrs. Depth Cleaned Out -

ORD OF DRILL-STEM AND SPECIAL T.

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 8435 feet, and from - feet to - feet.
Cable tools were used from - feet to - feet, and from - feet to - feet.

PRODUCTION

Put to Producing 1-17, 19 53.
OIL WELL: The production during the first 13 hours was 177.90 barrels of liquid of which 98.8 % was oil; - % was emulsion; 1.2 % water; and - % was sediment. A.P.I. Gravity 40.2 deg.
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.	2042'	T. Devonian	T. Ojo Alamo
T. Salt.		T. Silurian	T. Kirtland-Fruitland
B. Salt.		T. Montoya	T. Farmington
T. Yates.		T. Simpson	T. Pictured Cliffs
T. 7 Rivers		T. McKee	T. Menefee
T. Queen		T. Ellenburger	T. Point Lookout
T. Grayburg		T. Gr. Wash.	T. Mancos
T. San Andres	4633'	T. Granite	T. Dakota
T. Glorieta	5997'	T.	T. Morrison
T. Drinkard		T.	T. Penn.
T. xxxx Fullerton	7525'	T.	T.
T. Abo	8125'	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	42	42	Surface Rock				
42	190	148	Sand and red bed				
190	220	30	Sand, shells & red bed				
220	316	96	Red Bed				
316	570	254	Sand and red bed				
570	1080	510	Red bed and shells				
1080	1373	293	Red bed				
1373	1943	570	Red bed and shells				
1943	2066	123	Anhydrite				
2066	2134	68	Sand and anhydrite				
2134	2597	463	Salt and anhydrite				
2597	2710	113	Salt				
2710	3027	317	Salt and anhydrite				
3027	3300	273	Anhydrite				
3300	3318	18	Anhydrite and lime				
3318	3947	629	Lime				
3947	4022	75	Lime and anhydrite				
4022	4195	173	Lime				
4195	4273	78	Anhydrite and lime				
4273	4423	150	Lime				
4423	4461	38	Lime and anhydrite				
4461	5879	1418	Lime				
5879	5955	76	Lime and sand				
5955	8435	2480	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.

January 19, 1953 (Date)
Company or Operator Cities Service Oil Company Address Box 97, Hobbs, New Mexico
Name *Charles M. Hartsell* Position or Title District Superintendent

DST No. 1

Ran DST #1. Tested Glorieta 6070' to 6154 (84') 1" TC, 5/8" BC. Tool open 3 hours closed 30 min for BU. Gas to surface 30 min, fair blow throughout test. Recovered 1700' of heavy oil and gas cut drilling fluid (12.6 bbls) IFP 780#, FFP 1100#, 30 min SI 2200#, MCP 3200#, oil gravity 35 degrees.

DST No. 2

Ran Dst #2. Tested Glorieta 6154' to 6231' (76') 1" TC, 5/8" BC tool open 3 hours and closed 30 min for BU, gas to surface 46 min, fair blow throughout test. Recovered 390' heavy oil and gas cut drilling fluid. IFP 0#, FFP 140#, 30 min BU 1140#, MCP 3140#.

DST No. 3

Ran DST #3 8279' to 8349' (70'). Tool open 5 hrs 21 min, SI 30 min for BU. Good blow immediately, gas 9 min, mud 3 hrs 2 min, oil 3 hrs 6 min. Flowed 34.38 bbls oil cut 1.2% BS in 2 hrs. Circulated out 28.8 bbls oil and 1 bbl BS and drilling fluid. No water. 1" TC, 5/8" BC, GOR 775, Gravity 40.2 deg., IFP 280#, FFP 1660#, 30 min SIP 3020#, MCP 4300#.