

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DISTRICT OFFICE CCC

1954 AUG 20 AM 10:14

DUPLICATE

WELL RECORD

N.

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

State AN

(Company or Operator)

(Lease)

Well No. 2, in NW 1/4 of SW 1/4, of Sec. 2, T. 14S, R. 31E, NMPM.

Undesignated

Chaves

Well is 3450 feet from North line and 4620 feet from East line

of Section 2-14S-31E If State Land the Oil and Gas Lease No. is E-6401

Drilling Commenced July 22, 1954 Drilling was Completed August 7, 1954

Name of Drilling Contractor Cactus Drilling Company

Address Box 348, San Angelo, Texas

Elevation above sea level at Top of Tubing Head 4385 (Ground) The information given is to be kept confidential until 1954

OIL SANDS OR ZONES

No. 1, from 3024' to 3031'	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"	22.7	New	280	Arceo	-	-	Surface
	24	New	42				
5 1/2"	14	New	3002.09	Baker	-	-	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
11"	8 5/8"	328'	175	Plug	-	-
7 7/8"	5 1/2"	3004'	300	Plug	-	-

RECORD OF PRODUCTION AND STIMULATION

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

This well was neither shot nor acidized.

Result of Production Stimulation.....

Depth Cleaned Out.....

I ORD 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 here'o

TOOLS USED

Rotary tools were used from 0 feet to 3043 feet, and from - feet to - feet.
 Cable tools were used from - feet to - feet, and from - feet to - feet.

PRODUCTION

* Put to Producing August 17 19 54 (Pumping)
4 hr potential test
 OIL WELL: The production during the ~~test~~ was 61.23 barrels of liquid of which 100 % was
 was oil; -0- % was emulsion; -0- % water; and -0- % was sediment. A.P.I.
 Gravity 28°
 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>1392'</u>	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....		T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....		T. Montoya.....	T. Farmington.....
T. Yates.....	<u>2264'</u>	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....		T. McKee.....	T. Menefee.....
T. Queen.....	<u>3024'</u>	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....		T. Gr. Wash.....	T. Mancos.....
T. San Andres.....		T. Granite.....	T. Dakota.....
T. Glorieta.....		T.	T. Morrison.....
T. Drinkard.....		T.	T. Penn.....
T. Tubbs.....		T.	T.
T. Abo.....		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	250	250	Surface soil, caliche, sand				
250	960	710	Red Bed				
960	1400	440	Red Bed, shale & shells				
1400	1480	80	Anhydrite				
1480	2075	595	Salt & shale				
2075	2410	335	Anhydrite & sandy shale				
2410	2480	70	Anhydrite				
2480	2670	190	Anhydrite & shale				
2670	3024	354	Anhydrite				
3024	3031	7	Queen Sand				
3031	3043	12	Siltstone				

* This well flowed 321.9 bbls oil in 10 hrs 35 min on August 3, 1954.

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 R. W. Ely

August 19, 1954
(Date)
 Address Box 91, Hobbs, New Mexico
 Position or Title Asst. Division Supt.