



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD 3-20

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. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

Cities Service Oil Company

Fowler "B"

(Company or Operator)

(Lease)

Well No. 1, in NE 1/4 of SW 6, T. 19-S, R. 38-E, NMPM.

Flobbs

Pool, Lea

County.

Well is 2310 feet from South line and 2317.1 feet from West line

of Section 6-19S-38E. If State Land the Oil and Gas Lease No. is

Drilling Commenced Feb. 4, 1959. Drilling was Completed Feb. 15, 1959.

Name of Drilling Contractor Moran Drilling Company

Address Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head 3629' (KB). The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from 4148 to 4249 No. 4, from - to -
 No. 2, from - to - No. 5, from - to -
 No. 3, from - to - No. 6, from - to -

IMPORTANT WATER BANDS

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"	24#	New	1642.28'	Baker	-	-	Surface
5 1/2"	14#	New	4240.95'	Baker	-	4146-4214	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
12 1/4"	8 5/8"	1652'	* 736 #	Plug	-	Cement circulated
7 7/8"	5 1/2"	4250'	150	Plug	-	-

* 536 sx Trinity Inferno w/1/4 cu. ft. strata crate/sx # 6% gel. followed by 200 sx neat. RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Quarts of Gels used, interval treated or shot.)

2-20-59 - Az/2000 gal. reg. 15% acid, max. press. 3300# @ 6/10 E/M. Total load 65 bbl. Swbd 16 B#, swbd dry. Feb. 23, 1959 - Az/6000 gal. max. press. 2500# @ 1.8 E/M. Total load 160 bbl. Back-flwd 12 BNO, 39 bbl. acid wtr., 12 hrs. Feb. 24, 1959 - Sand frac w/10,000 gal. gelled lse. crude w/1/10# adomite, 10,000# sd, max. press. 4600# @ 19.4 E/M. Total load 500 BO, SI 6 hrs. 1750#.

Result of Production Stimulation. Opened after 8 hrs. back-flwd 154 BO cut 4% acid wtr. & sd, 8 hrs. 1" ck, FTP 50#, 316 BLC to rec. Rec. LO March 9, 1959 and started potential. 3-11-59 pumped pot. 12.25 BO, 8.2 B#, 24 hrs. 11 SPM, 56" stroke, GOR 470, Depth Cleaned Out. 4249' P.B. gr. 32.0

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 4250 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing March 11, 1959
 Potential test
 OIL WELL: The production during the first 24 hours was 20.45 barrels of liquid of which 60 % was
 was oil; _____ % was emulsion; 40 % water; and _____ % was sediment. A.P.I.
 Gravity 32.0 (20.45 Liquid - 12.25 FO, 8.2 BW)
 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):

Elev. <u>3629'</u> (KB)		Southeastern New Mexico	Northwestern New Mexico
T. Anhy. <u>1629 (-2002)</u>	T. Devonian <u>92</u>	T. Ojo Alamo _____	
T. Salt _____	T. Silurian _____	T. Kirtland-Fruitland _____	
B. Salt _____	T. Montoya _____	T. Farmington _____	
T. Yates <u>2867 (-762)</u>	T. Simpson _____	T. Pictured Cliffs _____	
T. 7 Rivers <u>3103 (-526)</u>	T. McKee <u>(8X) 1850</u>	T. Menefee _____	
T. Queen <u>3667 (-38)</u>	T. Ellenburger _____	T. Point Lookout _____	
T. Grayburg <u>4030 (-401)</u>	T. Gr. Wash _____	T. Mancos _____	
T. San Andres _____	T. Granite _____	T. Dakota _____	
T. Glorieta _____	T. <u>Penrose 3824' (-195)</u>	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	30	30	Surf. soil, sd, caliche				
30	180	150	Caliche, red rock				
180	1300	1120	Red bed				
1300	1425	125	Anhy., gyp				
1425	1825	400	Anhy.				
1825	2253	428	Anhy., salt				
2253	2952	699	Anhy.				
2952	3520	568	Anhy., gyp				
3520	3675	155	Anhy., gyp, lime				
3675	3777	102	Anhy., gyp				
3777	3837	60	Anhy., gyp, lime				
3837	3938	101	Lime, gyp				
3938	4250	312	Lime, PB 4249'				

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.

March 12, 1959

Company or Operator Cities Service Oil Co. Address Box 97, Hobbs, New Mexico
 Name G. M. Geyer Position or Title Dist. Supt.