



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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Gulf Oil Corporation

Nancy Stephens

(Company or Operator)

(Lease)

Well No. 2, in SW 1/4 of NW 24, T. 21-S, R. 37-E, NMPM.

Blinebry Gas and Drinkard Oil Pool, Lea County.

Well is 1980 feet from North line and 660 feet from West line

of Section 24. If State Land the Oil and Gas Lease No. is

Drilling Commenced April 28, 1954. Drilling was Completed May 30, 1954.

Name of Drilling Contractor McVay and Stafford

Address Philtower Bldg., Tulsa, Oklahoma

Elevation above sea level at Top of Tubing Head 3416'. The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from G 5675' to 5750' No. 4, from to

No. 2, from 6885' to 7115' 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	240'	HDCO			
8-5/8"	32	New	2987'	Larkin			
5-1/2"	17, 15.5, 14	New	7139'	Baker			

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"	255'	325	HOWCO		
11"	8-5/8"	2987'	1638	HOWCO		
7-7/8"	5-1/2"	7149'	1000	HOWCO		

RECORD OF PRODUCTION AND STIMULATION

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

6-3-54 - Acidized perforations in 5-1/2" casing from 6885-6920' with 8000 gals. 15% NE acid. 6-9-54 - Acidized perforations in 5-1/2" casing from 6885-6920', 6945-7000', 7028-7060', and 7070-7115' with 6000 gals. 15% NE acid. 6-19-54 - Acidized perforations from 5675-5750' with 4000 gals. 15% LT NE acid. 7-24-54 - Acidized perforations from 5675-5750 with 6000 gals. 15% LT NE acid.

Result of Production Stimulation Flowed 41 bbls oil, no water thru 2-3/8" tubing 20/64" choke 5 hours (Drinkard Oil Pay). Flowed at rate of 22,100 cu ft gas per 24 hours thru casing at 20# back pressure (Blinebry Gas Pay). 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 7150' feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing June 5, 1954

OIL WELL: The production during the first 24 hours was 197 Est. barrels of liquid of which 100 % was
was oil; _____ % was emulsion; _____ % water; and _____ % was sediment. A.P.I.
Gravity 40.0

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>1370'</u>	T. Devonian _____	T. Ojo Alamo _____
T. Salt _____	T. Silurian _____	T. Kirtland-Fruitland _____
B. Salt <u>2480</u>	T. Montoya _____	T. Farmington _____
T. Yates <u>2630</u>	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 <u>4055</u>	T. Granite _____	T. Dakota _____
T. Glorieta <u>5250</u>	T. _____	T. Morrison _____
T. Drinkard _____	T. _____	T. Penn. _____
T. Tubbs <u>6245</u>	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	11.20'		Distance from Top Kelly Drive Bushing to Ground				
	110		Caliche and Sand				
	1065		Red Bed				
	1100		Anhydrite				
	1225		Shale and Shells				
	1300		Red Bed and Shells				
	1500		Anhydrite				
	2350		Salt and Shells				
	2375		Sand				
	2680		Salt and Anhydrite				
	2980		Anhydrite				
	3323		Brown Lime				
	3656		Anhydrite and Lime				
	7150		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.

September 8, 1954
(Date)

Company or Operator Gulf Oil Corporation Address Box 2167, Hobbs, New Mexico
Name E. J. Taylor Position or Title Area Supt. of Prod.

Attachment - C-105

Gulf Oil Corporation - Nancy Stephens Well No. 2-E, 24-218-37E

DEVIATIONS - TOTCO SURVEYS

1/2 - 245'	1 - 3842	1 - 5867
1/4 - 522	1-1/4 - 4000	1 - 5969
0 - 700	1 - 4263	1 - 6061
1/2 - 1304	1 - 4570	1 - 6195
1 - 1553	1 - 4845	1-1/4 - 6405
1 - 2000	1-1/4 - 5062	1 - 6457
1/4 - 2500	1 - 5187	1 - 6675
1/2 - 2740	1-1/4 - 5375	1 - 6736
3/4 - 3185	1-1/4 - 5493	1 - 6950
3/4 - 3309	1 - 5752	1 - 7120
1-1/4 - 3627		

DRILL STEM TESTS

No. 1, 5-16-54 - 1 hour Johnston drill stem test from 5662-5762' - 3/4" choke at 5610' - Packers at 5652' and 5647' - Bombs at 5761' and 5760' - Jars at 5629' - Tool opened 2:50PM - Light blow thruout test, no fluid or gas to surface - Redovered 100' fluid, 50' drilling mud, 50' slightly oil and gas cut mud, cut 5% oil - Flowing Pressure 0# - Hydrostatic Pressure 2650# - 15 minute BHP 300#.

No. 2, 5-19-54 - 1 hour Johnston drill stem test from 5878-5762' - 5/8" choke at 5731' - Packers at 5762' and 5756' - Bombs at 5876' and 5874' - Jars at 5749' - Tool opened at 4:45PM - No fluid or gas to surface - Recovered 100' oil and gas cut mud, 5% oil, no water - Hydrostatic Pressure 2850# - Flowing Pressure 0# - 15 minute BHP 150#.

No. 3, 5-23-54 - 1 hour Johnston drill stem test from 6300-6181' - 3/4" choke at 6137' - Packers at 6181' and 6177' - Bombs at 6299' and 6298' - Jars at 6149' - Tool opened 10:PM - No gas or fluid to surface - Fair blow air 20 minutes, dead 40 minutes - Recovered 110' drilling mud, 2% oil - Hydrostatic Pressure 3075# - Flowing Pressure 75# - 15 minute BHP 0#.