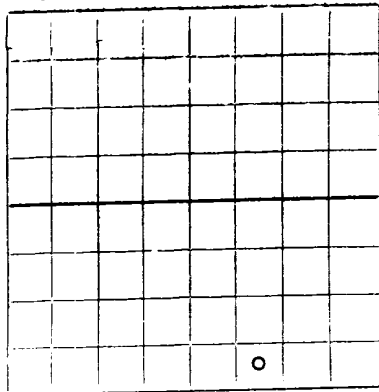


N.



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.

The Pure Oil Company
(Company or Operator)

M. J. Wallace
(Lease)

Well No. **1**, in **SW** $\frac{1}{4}$ of **SE** $\frac{1}{4}$ of Sec. **31**, T. **11-S**, R. **38-E**, NMPM.

Gladiola Devonian North Pool, **Lea** County.

Well is **1650** feet from **East** line and **330** feet from **South** line

of Section **31**. If State Land the Oil and Gas Lease No. is **-**

Drilling Commenced **May 24,** 19**56** Drilling was Completed **August 21,** 19**56**

Name of Drilling Contractor **Big West Drilling Company**

Address **705 West Fifth Street, Fort Worth 2, Texas**

Elevation above sea level at Top of Tubing Head **3878'** Surface Casing Flange. The information given is to be kept confidential until 19**56**.

OIL SANDS OR ZONES

No. 1, from **11,943'** to **12,019'** 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 **Unknown** 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
11-3/4"	42#	New	361'	Halliburton Guide Shoe			
8-5/8"	32#, 24#	New	4604'	Halliburton Guide Shoe			
5-1/2"	20#, 17#	New	12023'	Baker 5-1/2" Dif.		* see below	
				Fill up Guide Shoe			

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"	11-3/4"	363'	450	Pump and Plug		
11"	8-5/8"	4602'	1800	Pump and Plug		
7-7/8"	5-1/2"	12025'	550	Pump and Plug		

RECORD OF PRODUCTION AND STIMULATION

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

* Perf. 5-1/2" OD Casing 11,938'-11,944'; 11,956'-11,964'; 11,980'-11,997' and

12,010'-12,020' with 246 Jet Shots.

Perforations acidized with 500 gals. Cardinal Mud Acid

Result of Production Stimulation

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 12,025 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing August 27, 1956
OIL WELL: The production during the first 24 hours was 751.2 barrels of liquid of which 100 % was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 46.7 @ 60° (Based on 10 Hr. Test of 313 bbls. oil)
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	2230'	T. Devonian	11986'
T. Salt		T. Silurian	
B. Salt		T. Montoya	
T. Yates	3024'	T. Simpson	
T. 7 Rivers		T. McKee	
T. Queen		T. Ellenburger	
T. Grayburg		T. Gr. Wash	
T. San Andres	4396'	T. Granite	
T. Glorieta	5827'	T.	
T. Drinkard	(Clearfork) 6446'	T.	
T. Tubbs	7093'	T.	
T. Abo	7770'	T.	
T. Penn	9743'	T.	
T. Miss	1s. 11280'	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	50	50	Caliche & rock	8185	8261	76	Lime & shale
50	82	32	Water sand	8361	9686	1425	Lime
82	210	128	Water sand & shale	9686	9764	78	Lime & gypsum
210	363	153	Shale & shells	9764	9840	76	Lime & shale
363	366	3	Redbed	9840	9843	3	Lime
366	838	472	Redbed & shells	9843	9979	136	Lime & shale
838	1603	765	Redbed & shale	9979	10277	298	Lime
1603	2040	437	Redbed & shells	10279	10358	81	Lime & shale
2040	2236	196	Redbed, shells & anhy.	10358	10421	63	Lime
2236	2410	174	Anhydrite, shale & salt	10421	10459	38	Lime & shale
2410	2780	370	Anhydrite & salt	10459	10772	313	Lime
2780	2995	215	Salt, anhydrite & shale	10772	10787	15	Lime & shale
2995	3143	148	Anhydrite	10787	10798	11	Lime
3143	3349	206	Anhydrite & shale	10798	10819	21	Lime & chert
3349	3488	139	Anhydrite, salt & shale	10819	10836	17	Lime
3488	3702	214	Anhydrite & salt	10836	10849	13	Lime & chert
3702	3996	294	Anhydrite, salt & shale	10849	10859	10	Lime, chert & shells
3996	4072	76	Anhydrite	10859	10876	17	Lime
4072	4253	181	Anhydrite & gypsum	10876	10888	12	Cherty Lime
4253	4405	152	Anhydrite	10888	10903	15	Lime, chert & shells
4405	5130	725	Lime	10903	10932	29	Cherty lime
5130	5246	116	Lime & shale	10932	10944	12	Lime, chert & shells
5246	7883	2637	Lime	10944	11059	115	Lime
7883	8068	185	Lime & shale	11059	11073	14	Lime & shale
8068	8185	117	Lime				Cont'd on Page 2

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 4, 1956 (Date)
Company or Operator The Pure Oil Company Address P. O. Box 2107, Fort Worth 1, Texas
Name J. L. Suttle Position or Title Chief Clerk

FORMATION RECORD (cont'd)

FROM:	TO:	THICKNESS IN FEET	FORMATION:	FROM:	TO:	THICKNESS IN FEET	FORMATION:
11073	11099	26	Lime	11526	11542	16	Lime, chert & shale
11099	11109	10	Lime & shale	11542	11795	253	Lime
11109	11129	20	Sand, lime & shale	11795	11814	19	Lime, sand & shale
11129	11256	127	Lime & shale	11814	11828	14	Sandy lime
11256	11284	28	Lime, shale & sand	11828	11889	61	Lime & shale
11284	11294	10	Lime	11889	11925	36	Shale
11294	11315	21	Lime & chert	11948	12025	77	Lime
11315	11360	45	Lime				
11360	11369	9	Lime & shale		12025		Total Depth
11369	11469	100	Lime				
11469	11472	3	Lime & sand	12025	12021	4	P.B.T.D. (Top of cement inside 5-1/2" OD Casing)
11472	11491	19	Lime				
11491	11498	7	Lime & chert				
11498	11509	11	Hard sandy lime				
11509	11526	17	Lime				

DEFLECTION TESTS:

FOOTAGE: DEGREES:

140	1/4
350	1/4
880	1/4
1390	1/4
1900	3/4
2400	1/2
2960	1
3490	1-1/2
3950	3/4
4130	3/4
4300	1
4490	1
5018	1/2
5305	1/2
5480	1/2
5750	1/2
5880	1/2
6250	1/2
6470	1/4
6820	1/2
7000	1/4
7115	1/2
7300	1/2
7425	1/2
7580	1/2
7700	1/2
8040	1/2
8230	1
8650	1
8810	1-1/2
8865	1-1/4
8960	1-1/4
9040	1

FOOTAGE: DEGREES:

9125	1-1/2
9140	1-1/4
9215	1-1/4
9270	1-1/2
9295	1-1/4
9395	1-1/4
9520	1-1/4
9620	1-1/4
9700	1
9870	1
9970	1
10035	1
10200	1-1/4
10270	1-1/4
10350	1-1/4
10640	1-1/2
10730	1-1/4
10840	2
10880	2-1/2
10925	2-1/2
10965	2-1/2
11010	2
11105	2-1/2
11146	2-1/4
11215	2-1/4
11265	2-1/4
11365	1-3/4
11400	1-3/4
11500	1-3/4
11630	1-3/4
11740	1-1/2
11850	1-3/4