

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

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 CORRECTLYCharles P. Miller State
(Company or Operator) (Lease)

Well No. 1, in NE 1/4 of SE 1/4, of Sec. 29, T. 20 S., R. 36 E., NMPM.

Indesignated Pool, Lea County.

Well is 2310 feet from South line and 330 feet from East line

of Section 29. If State Land the Oil and Gas Lease No. is E-1064.

Drilling Commenced October 25, 1956. Drilling was Completed November 7, 1956.

Name of Drilling Contractor Gypsy Drilling & Exploration Company

Address San Angelo, Texas.

Elevation above sea level at Top of Tubing Head 3621' D. F. The information given is to be kept confidential until

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OIL SANDS OR ZONES

No. 1, from 3840 to 3853 No. 4, from to

No. 2, from 3864 to 3882 No. 5, from to

No. 3, from 3916 to 3926 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"	23 1/2	Used	355'	T. P.			
5-1/2"	14	New	3956'	Float			

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"	365'	250	Plug	9.0	
7-7/8"	5-1/2"	3966'	150	Plug	9.2	

RECORD OF PRODUCTION AND STIMULATION

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

perforated casing with 4 holes per foot from 3916' to 3926'. Acidized with 500 gal mud acid. Formation pressure broke from 2800# to 1300# at injection rate of 2.5 bbl. per minute. Flushed with water. Final pressure on tbg. 1400#. Swabbed well dry and allowed to stand 3 hours then swabbed approximately 1/2 bbl. new oil. Frac treated with 7000 gal. & 7000# sand. Result of Production Stimulation Maximum treating pressure on casing 3050#; on tbg. 2700# at injection rate of 13.0 bbl. per minute. Shut in pressure on casing declined to zero pounds in 24 hrs. Swabbed well down then placed on pump to test. Testing 1/22/57 Depth Cleaned Out

FORM 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 3966 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

testing
Put to ~~Production~~ November 13, 1956
OIL WELL: The production during the first 24 hours was
Due to pump trouble we did not obtain a definite 24 hour test until 1-21 to 1-22-57.
Pumped 18 bbl. oil plus 4.6 bbl. salt water
barrels of liquid of which % was

was oil; % was emulsion; % water; and % was sediment. A.P.I.

Gravity 36 60 degrees

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. 1835'	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt 3355'	T. Montoya	T. Farmington
T. Yates 3590'	T. Simpson	T. Pictured Cliffs
T. 7 Rivers 3857'	T. McKee	T. Menefee
T. Queen	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	149	149	Surface sand & caliche	3786	3789	3	Anhy & dolo. interbed. (core)
149	300	151	Red shale	3789	3793	4	Anhy. & red shaley sand, interbedded. (core)
300	1075	775	Red beds and shale	3793	3796	3	Anhy., red sdy sh & dolo. (core)
1075	1393	318	Shale & shells	3796	3802	6	Anhy & dolo. interbed. (core)
1393	1668	275	Shale, gyp. & anhy.	3802	3805	3	Shaley red sd & anhy. (core)
1668	1805	137	Shale & anhy.	3805	3816	11	Dolo & gray sdy sh. (core)
1805	1970	165	Shale, anhy. & salt	3816	3819	3	Dolo & red sdy sh. (core)
1970	2250	280	Salt	3819	3826	7	Gray shaley sd. ali. anhyd. (core)
2250	2610	360	Shale & salt	3826	3861	35	Anhy. & lime (drilled)
2610	2895	285	Salt	3861	3898	37	Dense gray dolo. & silty sh. Sil. red sh (core) / core
2895	3067	172	Salt & shale	3898	3926	28	Sand & shale (drilled) dolo.
3067	3143	76	Shale & shells	3926	3936	10	Sand and shale (drilled)
3143	3249	106	Gyp. & anhy.	3936	3966	30	S. L. N.
3249	3345	96	Shale & anhy.				
3345	3449	104	Anhy. & lime				
3449	3497	48	Lime				
3497	3548	51	Lime & gyp				
3548	3660	112	Lime				
3660	3717	57	Lime & gyp.				
3717	3775	58	Lime				
3775	3786	11	Anhy, dolo., Red sh. (core)				

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 21, 1957

(Date)

Company or Operator Charles P. Miller

Address Box 385, Hobbs, New Mexico

Name Charles P. Miller

Position or Title Co-owner