DUPLICATE

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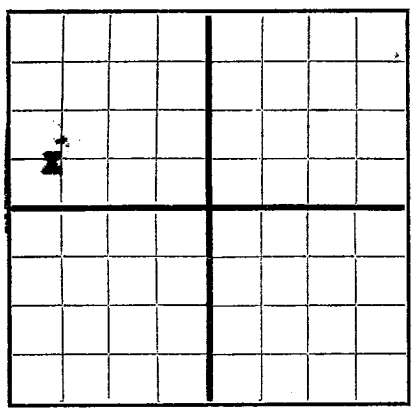
CONSERVATION COMMISSION
HOBBS, OFFICE

FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Continental Oil Company, Box 68, Hobbs, New Mexico
Company or Operator — Address

Warren Unit B-27, Well No. 1, in NW/4 of Sec. 27, T. 20-S
Lease

R. 38-E, N. M. P. M., Undesignated Field, Lea County.

Well is 1980 feet south of the North line and 1650 feet west of the East line of Section 27.

If State land the oil and gas lease is No. ..... Assignment No. .....

If patented land the owner is ....., Address .....

If Government land the permittee is ....., Address .....

The Lessee is ....., Address .....

Drilling commenced March 22, 1951. Drilling was completed May 28, 1951.

Name of drilling contractor Geo. P. Livermore, Address Lubbock, Texas

Elevation above sea level at top of casing 3448 feet.

The information given is to be kept confidential until ..... 19.....

OIL SANDS OR ZONES

No. 1, from 6778 to 6838 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	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
13 3/8"	48	8R	S-40	278	Baker				Shut off water.
9 5/8	36	8R	J-55	3072	T. Collar & G. Shoe				Protect salt zones
5 1/2	15.5	8R	J-55	6854					
5 1/2	17	8R	S-95	971	T. Collar & G. Shoe	(See Reverse)			Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2	13 3/8	289	250	Pump & Plug.		
12	9 5/8	3080	1265	Pump & Plug		
6 1/4	5 1/2	7775	950	Pump & Plug		

PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth Set .....

Adapters — Material ..... Size .....

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		(See Reverse)				

Results of shooting or chemical treatment Well flowed at rate of 127 bbls. oil per day.

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.

(See Reverse)

TOOLS USED

Rotary tools were used from 0 feet to 7778 feet, and from ..... feet to ..... feet

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

PRODUCTION

Put to producing July 2, 19 51

The production of the first 24 hours was 127 barrels of fluid of which 100 % was oil; ..... %

emulsion; ..... % water; and ..... % sediment. Gravity, Be. 44

If gas well, cu. ft. per 24 hours ..... Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. .....

EMPLOYEES

R. C. Dunn, Driller J. C. Rhoads, Driller

M. C. Fields, Driller ....., Driller

FORMATION RECORD ON OTHER SIDE

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.

Subscribed and sworn to before me this 13th day of July, 19 51

J. P. McDermett
Notary Public

My Commission expires 5-17-53

Hobbs, New Mexico (Place) July 11, 1951 (Date)

Name E. L. Shafer

Position Dist. Superintendent

Representing Continental Oil Company (Company or Operator)

Address Box 68, Hobbs, N. M.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1440	1440	Surface sands and red beds.
1440	1630	190	Red beds and anhydrite.
1630	2560	930	Red beds, salt and shale.
2560	2610	50	Anhydrite and salt.
2610	2910	300	Shale and anhydrite.
2910	3265	355	Anhydrite and lime.
3265	3323	58	Lime.
3323	4113	790	Anhydrite and lime.
4113	4238	125	Lime, sand and gyp.
4238	4580	342	Lime.
4580	5158	578	Lime and shale.
5158	7600	2442	Lime.
7600	7611	11	Lime and chert.
7611	7635	24	Lime.
7635	7884	249	Lime and chert.
7884	7886	2	Chert.
7886	8124	238	Lime and chert.
8124	8310	186	Lime.
8310	8523	213	Lime and chert.
8523	8665	142	Lime.
8665	8815	150	Lime and shale.
8815	8845	30	Shale.
8845	9115	270	Shale and sand.
9115	9139	24	Shale, sand and chert.
9139	9205	66	Shale.
9205	9225	20	Shale and lime.
9225	9252	27	Lime and chert.
9252	9276	24	Lime and sand.
9276	9306	30	Sand, shale and chert.
9306	9329	23	Sand and chert.
9329	9355	26	Granite wash.
9355	9392	37	Granite.

Well was acidized with 500 gals. from 7739 to 7761'; 500 gals. from 7702 to 7726'; 7653 to 7664' with 500 gals; with 500 gals. from 6868 to 6882'; with 500 gals from 6850 to 6862'; with 500 gals. from 6824 to 6842'; with 1000 gals. from 6824 to 6842'; and with 500 gals. from 6790 to 6816'.

Casing was perforated from 7739 to 7750' with 28 shots; from 7754 to 7761' with 44 shots; from 7702 to 7726' with 96 shots; from 7673 to 7690 with 66 shots; from 7653 to 7664' with 44 shots; from 6860 to 6882' with 56 shots; from 6850 to 6862' with 48 shots; from 6824 to 6833 with 44 shots; from 6837 to 6842' with 20 shots; and from 6790' to 6816' with 104 shots. Total Plugged Back Depth 6844'. Perforations from 6824 to 6833; 6837 to 6842; and 6790 to 6816' open to production.

Formation Tops: Anhydrite 1440'; Salt 1630'; Base Salt 2610'; Yates 2743'; San Andres 4125'; Glorietta 5435'; Tubb 6350'; Drinkard 6650'; Base Permian and Top Devonian 7660'; Fusselman 7965'; Montoya 8290'; Simpson SS 8592'; McKee 8823'; McKee Pay 8890'; Connell 9143'; Ellenburger Lime 9212'; Ellenburger Dolomite 9233'; Granite Wash 9329'; and Granite 9355'.

DST #1 (San Andres) from 4100 to 4170', tool open 1 hr., light blow air. Recovered 90' heavily oil cut mud.

DST #2 (Paddock) from 5370 to 5490', tool open 1 hr. Strong blow of air throughtout test. Recovered 1080' sulphur water, no oil or gas.

DST #3 (Drinkard) from 6665 to 6777', tool open 1 hr., light blow air throughout test. Recovered 90' slightly oil cut mud.

DST #4 (Drinkard) from 6780 to 6926', tool open 1 hr. 30 mins., medium blow throughout test, gas to surface in 45 mins. Recovered 300' oil, 2940' salt water.

DST #5 (Devonian) from 7690 to 7700', tool open 1 hr. Good blow of air throughout test. Recovered 30' free oil, 720' oil cut drilling mud.

DST #6 (Devonian) from 7699 to 7843', tool open 1 hr., with steady blow air throughout. Recovered 6720' sulphur water, no oil or gas.

DST #7 (McKee) from 8909 to 8965', tool open 1 hr., light blow air. Recovered 50' drilling fluid, 1900' salt water.

DST #8 (Connell) from 9110 to 9143', tool open 1 hr. 30 mins. Fair blow air throughout test. Recovered 70' drilling mud and 300' salt water.

DST #9 (Ellenburger) from 9250 to 9306', tool open 1 hr., light blow air throughout test. Recovered 180' drilling mud, no oil, gas or water.

DST #10 (Basal Sand and Granite Wash) from 9305 to 9392', tool open 1 hr. 10 mins. Light blow of air throughout test. Recovered 30' drilling mud, 240' clean salt water.