

FORM C-105

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

AREA 640 ACRES
LOCATE WELL CORRECTLY

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 CC, Hobbs, New Mexico
Company or Operator Address
Mary E. Wants Well No. 2-E in SW/4 of Sec. 21, T. 21-S
Lease
R. 37-E, N. M. P. M., Brunson Field, Lea County.
Well is 4620 feet south of the North line and 2970 feet west of the East line of Sec. 21-21S-37E
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is Mary E. Wants, Address.
If Government land the permittee is, Address.
The Lessee is Continental Oil Company, Address Ponca City, Oklahoma
Drilling commenced September 8, 1949 Drilling was completed November 19, 1949
Name of drilling contractor, Address.
Elevation above sea level at top of casing 3538 feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3730	to 3875	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

[illegible]

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4	13-3/8	252'	250			
12-1/4	9-5/8	2729'	650			
8-3/4	7	8229'	1100			

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

Results of shooting or chemical treatment.....	
.....	

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 8230 feet, and from _____ feet to _____ feet.

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

PRODUCTION

Put to producing..... November 26, 19 49

The production of the first 24 hours was..... 221barrels of fluid of which..... 100% was oil;%

emulsion;% water; and.....% sediment. Gravity, Be..... 35 degrees

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

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

EMPLOYEES

Claude Payton	Driller	R. R. LaSalle	Driller
J. G. Whitley	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 23rd
day of January, 19 50

Hobbs, New Mexico 1-23-50
Place Date
Name *E. L. Shaper*
Position **District Superintendent**
Representing **Continental Oil Company**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	51	51	Surface sand
51	821	770	Redbed
821	1102	281	Redbed and anhydrite streaks
1102	1271	169	Redbed and shells
1271	1350	79	Anhydrite
1350	2390	1040	Anhydrite and salt
2390	2730	340	Anhydrite and gyp
2730	3235	505	Anhydrite
3235	3310	75	Lime, gyp and anhydrite
3310	3367	57	Lime and gyp
3367	3443	76	Lime and anhydrite
3443	3535	92	Lime, gyp and shale
3535	3712	177	Lime
3712	3756	44	Lime and anhydrite
3756	4304	548	Lime
4304	4375	71	Lime and shale
4375	7653	3278	Lime
7653	7685	32	Lime and shale
7685	7856	171	Lime
7856	7888	32	Lime
7888	7902	14	Lime, sand and shale
7902	7920	18	Lime and shale
7920	7940	20	Lime
7940	8063	123	Lime and shale
8063	8127	64	Lime and sand
8127	8230	103	Lime

Well was drilled to total depth of 8230', plugged back to 8226' in Lime.

Well was not shot.

Well was acidized with 500 gallons.

Casing was perforated 8150-8180' with 120 shots, 8134-8140' with 24 shots and 8063-8110' with 188 shots.

Completed for initial potential of 1450 barrels oil, no water, in 24 hours, based on 5-hour test of 302 barrels oil, no water, flowing through 1" choke on 2-1/2" tubing, gas-oil ratio 676, casing pressure 675#, tubing pressure 50#.

Pay: Ellenburger from 8040' to 8197'.

Gravity of oil: 43 degrees

Pipe Line Connections: Texas-New Mexico P.L. Co.

Derrick floor: 10' above ground

Date total depth reached: 11-13-49

Date completion test: 12-16-49

DF

Hobbs, N.M.

1-23-50

Copies to: Orig & 2 - N.M.O.C.C. - Hobbs
HLJ-2 HM District Foreman
File