

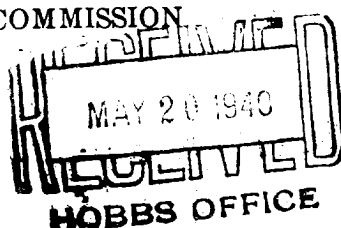
DUPLICATE

FORM NO. 305

N

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.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Continental Oil Company

Box CC, Hobbs, New Mexico

Company or Operator  
State F-1 Well No. 3 in NE/4 of Sec. 1, T. 21-S  
Lease  
R. 36-E N. M. P. M. Eunice Field, Lea County.  
Well is 3300 feet south of the North line and 660 feet west of the East line of Sec. 1  
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 Continental Oil Company Address Hobbs, New Mexico  
Drilling commenced 3-2-40 19 Drilling was completed 4-20-40 19  
Name of drilling contractor Lyons & Miller Address Hobbs, New Mexico  
Elevation above sea level at top of casing 3596 GM feet.  
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3646 to 3742 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		PURPOSE
							FROM	TO	
13"	50#	8	SH LW	180'1"		180'1"			
10-3/4"	40#	10	SH LW	478'7"		478'7"			
8-5/8"	32#	10	SH LW	942'1"		942'1"			
7"	24#	10	SH SS	1329'5"	Cement	guide shoe			
5-1/2"	17#	8	New	3594'9"	Cement	guide shoe & float collar			
2"	4.70#	8	New	3728'4"	Tubing	set 3708'.			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
8 1/2"	7"	1316	10	Halliburton		
6-3/4"	5-1/2"	3566	600	do		

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
3 1/2"	Risonite	S.N.G.	260 qts	4-23-40	3642-3742	bottom

Results of shooting or chemical treatment Before shot well swabbed & flowed 21 bbls oil in 12 hours. After shot cleaning out operations completed well flowed 77 bbls oil with 512 MCF gas in 24 hours thru 25/64" choke on 2" tubing.

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 feet to feet, and from feet to feet  
Cable tools were used from 0 feet to 3742 feet, and from feet to feet

PRODUCTION

Put to producing May 1, 1940 19  
The production of the first 24 hours was 77 barrels of fluid of which 100 % was oil; %  
emulsion; % water; and % sediment. Gravity, Be.  
If gas well, cu. ft. per 24 hours 512,000 Gallons gasoline per 1,000 cu. ft. of gas  
Rock pressure, lbs. per sq. in.

EMPLOYEES

E. E. Minger Driller L. H. Horner Driller  
G. A. Miller 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 17th

day of May 19 40

Notary Public

My Commission expires 4-26-41

Hobbs, N.M. May 17, 1940

Place Date

Name

Position District Superintendent

Representing Continental Oil Company  
Company or Operator

Address Box CC, Hobbs, N.M.

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	30		Caliche
30	150		Red sand
150	155		Sand
155	300		Redrock
300	305		Blue shale
305	415		Redrock
415	430		Blue shale
430	463		Sand
463	468		Blue shale
468	925		Redrock
925	960		Red sand
960	1050		Water sand
1050	1065		Redrock
1065	1100		Sandy redrock
1100	1295		Redrock
1295	1322		Anhydrite
1322	1335		Anhydrite & redrock
1335	1440		Anhydrite
1440	1450		Redrock
1450	1480		Anhydrite & gyp
1480	1495		Anhydrite
1495	1540		Salt
1540	1650		Salt & anhydrite
1650	1670		Anhydrite
1670	1705		Salt
1705	1720		Anhydrite
1720	1755		Salt
1755	1785		Anhydrite & salt
1785	1815		Salt
1815	1830		Anhydrite
1830	1850		Salt
1850	1900		Potash & salt
1900	1945		Salt & anhydrite
1945	2200		Salt
2200	2245		Anhydrite
2245	2265		Salt
2265	2370		Potash & salt
2370	2380		Salt
2380	2390		Anhydrite
2390	2550		Salt
2550	2565		Soft lime
2565	2795		Lime
2795	2830		Anhydrite, broken
2830	2860		Lime
2860	2920		Anhydrite
2920	2950		Lime
2950	2980		Anhydrite
2980	3000		Anhydrite
3000	3035		Lime
3035	3060		Anhydrite
3060	3230		Lime
3230	3240		Lime & redrock
3240	3740		Lime
3740	3745		Sand
3745	3745		Blue shale
3745	3746		Sand

Total depth 3742' GM. Lime & sand pay 3646 to 3742'. Well was shot with 260 quarts on 4-23-40 from 3642-3742; was not acidized.

Initial production 77 bbls oil with 512 MCF gas 24 hour test thru 25/64" choke on 2" tubing.

Shell Pipe Line Co. to run estimated allowable of 41 bbls oil daily effective 5-1-40.

All above measurements, except driller's log, are from ground level. Derrick floor 4' above ground level.

HLJ:FP  
Hobbs - 5-17-40