

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      Address  
State A-20      Well No. 1      in 33/4      of Sec. 20      T. 20-S  
Lease  
R. 37-1      N. M. P. M.      Monument      Field,      Lea      County.  
Well is 2970 feet south of the North line and 330 feet west of the East line of Sec. 20  
If State land the oil and gas lease is No. 13988      Assignment No.  
If patented land the owner is      Address  
If Government land the permittee is      Address  
The Lessee is Continental Oil Company      Address Box CC, Hobbs, New Mexico  
Drilling commenced 7-15-37      19      Drilling was completed 8-9-37      19  
Name of drilling contractor E. F. Moran      Address Tulsa, Oklahoma  
Elevation above sea level at top of casing 3523 feet.  
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3805 to 3840      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 TO	PURPOSE
10-3/4	40.50	8	SH L	290'8"	TP			
7-5/8	26.40	8	Smls	1191'9"	Cement guide shoe			
5-1/2	17	10	Smls	3649'9"	Cement guide shoe & float collar			
2"Upset	4.70		Smls	3830'5"	Tubing set at 3831			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	10-3/4	305'	225	Halliburton		
9-5/8	7-5/8	1198'	425	do		
6-3/4	5-1/2	3633'	425	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

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 3840 feet, and from      feet to      feet  
Cable tools were used from      feet to      feet, and from      feet to      feet

PRODUCTION

Put to producing August 16, 1937, 19  
The production of the first 24 hours was 320 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, Be  
If gas well, cu. ft. per 24 hours 428,000      Gallons gasoline per 1,000 cu. ft. of gas  
Rock pressure, lbs. per sq. in.

EMPLOYEES

C.F. Alexander      Driller      O.L. Marie      Driller  
Tom Traven      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 21st      Hobbs, New Mexico August 21, 1937  
day of August, 1937      Name E. F. Moran  
Notary Public      Position District Supt.  
Representing Continental Oil Company  
My Commission expires 4-21-41      Address Box CC, Hobbs, New Mexico

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	250		Surface sand & caliche
250	310		Redbed
310	350		Hard sand
350	400		Redrock & shells
400	775		Shale, redbed & redrock
775	885		Redrock & shells
885	1005		Redrock, shale & shells
1005	1050		Redrock
1050	1090		Streaks anhydrite, redrock & gyp
1090	1135		Redrock & shells
1135	1145		Anhydrite, broken
1145	1330		Anhydrite
1330	1350		Salt & anhydrite shells
1350	2435		Salt & shells
2435	2500		Anhydrite
2500	2550		Broken anhydrite
2550	2585		Anhydrite
2585	2630		Anhydrite & gyp
2630	2700		Anhydrite & gyp shells
2700	2770		Anhydrite & lime shells
2770	2895		Lime
2895	2945		Brown & gray lime
2945	3450		Lime
3450	3470		Broken lime
3470	3515		Lime
3515	3550		Sandy lime
3550	3603		Lime
3603	3628		Hard lime
3628	3840		Lime.

Total depth 3840'. Lime pay from 3810 to 3840'. 2" upset tubing set at 3831. Well was acidized with 2000 gallons acid on 8-10-37. Reacidized with 3000 gallons on 8-13-37. Initial Production 140 bbls oil in 9 hours with 428 MCF gas flowing thru 3/4" choke on 2" tubing. The Shell Pipe Line Company connected and running top allowable of 79 bbls oil daily effective 8-16-37. This well acidized but not shot.