

NEW MEXICO OIL CONSERVATION COMMISSION

AREA 640 ACRES
LOCATE WELL CORRECTLY

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 TRIPPLICATE.

Continental Oil Company

Box CC, Hobbs, New Mexico

Company or Operator

Address

Mary E. Wertz Well No. 1 in SW/4 of Sec. 21, T. 21-S

Lease

R. 36-E, N. M. P. M., Hunee Area Field, Lea County.

Well is 4620 feet south of the North line and 4620 feet west of the East line of Sec. 21

If State land the oil and gas lease is No. 6728 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 12-23-36 19 Drilling was completed 1-28-37 19

Name of drilling contractor E.C. Norwood Address Wichita Falls, Texas

Elevation above sea level at top of casing 3499 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3707 to 3815 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	35.75#	8	SH LN	187'5"	TP			
7-5/8	26.40#	8	Nat'l	1229'1"	Cement guide shoe			
5-1/2	17	10	Nat'l	3658'8"	Cement guide shoe & float collar.			
2-1/2	6.50		Nat'l	3811'3"				

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	202	225	Halliburton		
9-5/8	7-5/8	1307	425	do		
8-6/8	5-1/2	3642	425	do		
	2-1/2	3809				

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
		Nitro	240 qts		3715-3815	

Results of shooting or chemical treatment Well was acid treated with 3000 gallons by Chemical Process, using 38 bbl oil load.

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 3815 feet, and from feet to feet

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

PRODUCTION

Put to producing February 1, 1937

The production of the first 24 hours was 324 barrels of fluid of which 100% was oil; emulsion; % water; and % sediment. Gravity, Be

If gas well, cu. ft. per 24 hours 500,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

Burns, Driller Cross, Driller

Colbert, 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 2nd Third

day of February, 1937

Hobbs, N. M., February 3, 1937

Name

FORMATION RECORD

201-0-1012

FROM	TO	THICKNESS IN FEET	FORMATION
0	20		Cellar
20	163		Caliche & sand
163	207		Redbed
207	369		Redbed & shells
369	390		Hard sand
390	455		Sand
455	710		Redbed
710	845		Redrock
845	1167		Redrock & redbed
1167	1244		Redrock
1244	1345		Anhydrite
1345	1460		alt. potash & anhydrite
1460	1498		Anhydrite & redbed
1498	1540		Redbed & salt
1540	1570		Anhydrite & redbed
1570	1648		Salt & anhy shells
1648	1669		Redrock & anhydrite
1669	1740		Salt & anhydrite shells
1740	1753		Anhydrite
1753	1810		Salt & anhydrite shells
1810	1938		Salt, redrock & anhydrite
1938	1950		Anhydrite
1950	2078		Salt & anhydrite shells
2078	2401		Salt, potash & anhydrite.
2401	2443		Salt
2443	2477		Anhydrite & potash
2477	2488		Broken anhydrite & salt
2488	2766		Anhydrite
2766	2772		Brown lime
2772	2790		Broken anhydrite & lime
2790	2886		Anhydrite
2886	3403		Anhydrite & lime
3403	3815		Lime.

Total depth 3815'. Pay 3707' to 3815 Lime. Well was shot on January 22, 1937 with 240 quarts Nitro Glycerine using 12, 4" x 8" Resonite shells and AO bomb. Well was maintained with 3000 gallons by Chemical Process using 36 bbl oil load on February 2, 1937. 2 1/2" tubing set at 3009'. Initial production 13 1/2 bbl oil per hr & 600 MCF gas flowing thru 3/4" choke on 2 1/2" tubing. Test taken 1-22-37. Shell Pipe Line connected & running present top allowable of 91 bbl oil daily effective February 1, 1937.

CASING RECORD

MUDLOG AND CEMENTING RECORD

CUTS AND CHAPTERS

RECORD OF SHOOTING OF CHEMICAL TREATMENT

RECORD OF GUNTEST AND SPECIAL TESTS

TOOLS USED

PRODUCTION

EMPLOYEES

FORMATION RECORD AND LOG SHEET