

NEW MEXICO STATE LAND OFFICE

SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST

WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days after completion of well. Indicate questionable data by following it with (?). Submit in duplicate.

N.

AREA 640 ACRES

LOCATE WELL CORRECTLY

Continental Oil Co.

P.O. Box CC Hobbs N.M.

Company H.B. Hurley Address P.O. Box CC Hobbs N.M.

Send correspondence to W.D. Grimes Address

Well No. 3 in SE 1/4 of Sec. 28 T. 18S R. 38E Hobbs Lea County.

If State land the oil and gas lease is No. W.D. Grimes Assignment No. Hobbs N.M.

If patented land the owner is Continental Oil Co. Address Hobbs N.M.

The lessee is Continental Oil Co. Address Hobbs N.M.

If not state or patented land, give status 5-25-35 5-7-35

Drilling commenced 19 Drilling was completed 19

Name of drilling contractor E.F. Moran Address Tulsa Okla.

Elevation above sea level at top of casing 3640.83 Ground feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 4114 to 4225 No. 4, from to No. 2, from to No. 5, from to No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to No. 3, from to No. 2, from to No. 4, from to

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & PULLED FROM	PERFORATED FROM TO	PURPOSE
10-3/4"	45#	8	Smiles	230' 10"	T.P.			
7-5/8"	26.40#	8	"	1661' 7"	Baker Cement Guide Shoe			
5-1/2"	17#	10	"	4027' 5"	Baker Cement Guide shoe & Float Collar			
2-1/2"	6.50#	E.U.S.S. Tubing	224' 11"					
3"	9.300#	"	"	4002'	2-1/2" tubing run on bottom, Perf from 4218 to 4222'.			

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10-3/4"	245'	150	Halliburton		
7-5/8"	1635'	300	"		
5-1/2"	4015'	300	"		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set
Adapters—Material Size

SHOOTING RECORD

SIZE	SHELL USED	EXPLOSIVE USED	QUANTITY	DATE	DEPTH SHOT	DEPTH CLEANED OUT

See Reverse for acid treatment.

TOOLS USED

Rotary tools were used from 0 feet to 4225 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing 5-13-35, 19
The production of the first 24 hours was 11,100 barrels of fluid of which 100% was oil; %
emulsion; Proportion Official Potential Figured on tubing Curve.
If gas well, cu. ft. per 24 hours 3,668,000 Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. 1300#

EMPLOYEES

E.F. Moran Contractor.

William Darsey Driller W.D. Moss Driller
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 16 Name J.B. Hurley

day of July, 1935 Position District Supt.

Representing Continental Oil Co. Company or Operator.

Notary Public.

My commission expires June 1935

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	55		Caliche & Sand
55	170		Sand & Shells
170	236		Shale & Sand
236	1380		Red Beds & Shells
1380	1620		Red Rock & Anhy
1620	1679		Anhydrite
1679	1885		Anhy Salt & Potash
1885	2280		Salt
2280	2640		Salt & Shells
2640	2703		Anhy & Broken Lime
2703	3040		Lime
3040	3106		Sandy Lime
3106	3216		Lime
3216	3220		Sand
3220	3897		Lime
3897	3996		Sandy Lime
3996	4001		Lime
4001	4225 T.D.		Lime & Sandy Lime. Top of Pay 114'.

Well drilled from 4015' to 4225' with oil under pressured, when completed well tested 110 bbls oil per hour gas 1,608,000 cu. ft, flowing thru casing. Treated well with 3000 gallons of hot Acid using 45 bbls oil load, after treatment well test 216 bbls oil per hour, gas 3 Millions cu ft, flowing thru tubing. Retreated well with 4000 gallons of cold acid using 100 bbls oil load, & well tested 239.8 bbls oil per hour gas 3,668,000 cu. ft gas. Official Potential given on tubing curve 11,100 bbls oil .

Shell Pipe Line connected and will run allowance as of May 16th, 1935.

Last Acid Bottle run at 3925', Hole 1/2 Degree off Vertical.