

N.

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.

AREA 640 ACRES

LOCATE WELL CORRECTLY

Continental Oil Co.

P.O. Box CC Hobbs N. Mexico.

Company

H.B. Hurley

Address

P.O. Box CC Hobbs N.M.

Send correspondence to

W.D. Grimes

Address

SE 1/4

213

18E

Well No.

Hobbs

in

Lea

T.

R. N. M. P. M.

Oil Field

County.

If State land the oil and gas lease is No.

W.D. Grimes

Assignment No.

Hobbs N. Mexico.

If patented land the owner is

Address

The lessee is

Address

If not state or patented land give status

12-1-34

1-29-35

Drilling commenced

E.F. Moran

19

Drilling was completed

Tulsa Okla.

19

Name of drilling contractor

Address

Elevation above sea level at top of casing

feet.

The information given is to be kept confidential until

19

OIL SANDS OR ZONES

4060

4211

No. 1, from to 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"	40#	8	L.W.	228'7"	T.P.			
7-5/8"	26.40#	8	Sale	1633'2"	Baker	cement guide shoe		
5-1/2"	17#	10	"	4032'3"	Baker	Cement guide shoe & Fleet collar		
3"E.U.	9.3#	10	Sale	4016				
2-1/2"	6.50#	10	"	230'4"		2 1/2" tubing run on bottom & 3" on top, perforation at 4210 to 4216'		

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10-3/4"	243'	150	Halliburton		
7-5/8"	1634'	300	"		
5-1/2"	4015'	300	"	Circulated with mud ahead of cement.	

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
1-26-35, Treated with 2000 gallons of Acid by Chemical Process company 55 bbl oil load used. Production before treatment 70 bbls per hour flowing thru tubing, After treatment 3370 bbls per day Gas 2,890,000 cu.ft. flowing thru 3" tubing. Open flow Potential on curve 4500 bbls.						

TOOLS USED

Rotary tools were used from 0 feet to 4220 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing 1-30 1935 Flowing thru 3" tubing.
The production of the first 24 hours was 3370 barrels of fluid of which 100% was oil; % emulsion; % water; and % sediment. Gravity, Be
If gas well, cu. ft. per 24 hours 2,890,000 Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. 1200#

EMPLOYES

B. Dargay Driller O.W. Sirmon Driller
Sanders 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 2 day of Feb 1935 Name H.B. Hurley Position Continental Oil Co. Representing Company or Operator.
Notary Public.
My commission expires June 1935

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	86		Redrock.
86	220		Gyp & Sand
220	370		RedBed
370	893		RedBed & Shells
893	1118		Shale
1118	1390		RedBed & Shells
1390	1400		Gypsum & Shells
1400	1511		Redbed & Shells
1511	1513		Anhydrite
1513	1525		RedBeds
1525	1528		Grey Anhydrite
1528	1610		Broken Lim & Anhy
1610	1619		Shale
1619	1658		Broken Lim & Anhy
1658	1745		Anhydrite
1745	1790		Anhy & Lime
1790	1819		Salt
1819	1920		Anhy & Salt
1920	2305		Salt
2305	2681		Salt & Anhy
2681	2723		Broken Lime
2723	2760		Anhydrite
2760	2768		Lime
2768	2842		Anhy & Lime
2842	2914		Grey Lime
2914	2920		Sand
2920	2937		Lime
2937	2946		Blue Shale
2946	3000		Grey Lime
3000	3005		Gyp
3005	3043		Lime
3043	3078		Lime & Shale
3078	3178		Grey Lime
3178	3198		Broken Lime
3198	3212		Sandy Lime show of oil at 3200'
3212	3260		Lime
3260	3293		Sandy Lime
3293	4015		Grey Lime set 5-1/2" casing at 4016'
4015	4047		Grey Lime
4047	4072		Lime & Anhydrite
4072	4105		Sandy Lime
4105	4220		Sand & Lime.

Initial production 70 bbls per hour flowing thru tubing, before acid treatment, treated with 2000 gallons of Acid by ~~Summit~~ Chemical Process Co. Jan'y 26th, 1935, used 55 bbls oil load, well allowed to set 60 hours swabbed in and tested thru 3" tubing flowing open 3370 bbls oil Gas, 2,890,000 cu. ft. Potential figured on curve 4500 bbls. per day.

Shell Pipe Line Connected to well, to run allowance effective Feby 1st. 1935.