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NEW MEXICO STATE LAND OFFICE
SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST

NEW MEXICO SCHOOL OF MINES
Socorro, New Mexico

WELL RECORD

Mail to State Geologist, Socorro, New Mexico, not more than ten days
after completion of well. Indicate questionable data by fol-
lowing it with (?). Submit in duplicate.Company **Cranfill-Reynolds** Address **7Th Floor Esperson Bldg., Houston Tex**Send correspondence to **H. A. Reynolds** Address **P. O. BOX 685 Wink, Texas,**

STATE "D"

Well No. **1** in **NW1** of Sec. **3**, T. **21**,R. **33**, N. M. P. M., **Lea** Oil Field **Lea** County.

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is Address

The lessee is Address

If not state or patented land, give status

Drilling commenced **1/13/30** 19 Drilling was completed **4/4/30** 19

Name of drilling contractor Address

Elevation above sea level at top of casing **3828** feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from **NONE** 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 **355** to **360** 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 AND PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
20"	90#	8	YGST	146'11"	T.P	146'11"			
15 1/2"	70#	8	YGST	525'	T.P	525'			
12 1/2"	50#	8	YGST	1030'	T.P	1030'			
10"	40 .50	8	NATL	1844'	T.P	635'			

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	No. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
10"	1834'	100	Haliburton		

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

TOOLS USED

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

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

PRODUCTION

Put to producing 19 **To, Plug and Abandon**The production for the first 24 hours was barrels of fluid of which % was oil; %
emulsion; % water; and % sediment. Gravity, Be.

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

Rock pressure, lbs. per sq. in.

EMPLOYES

F. F. Guthrie, Driller, Driller

M. A. Waters, 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 **14**day of **April**, 19 **30****L. E. Hanna**
Notary PublicMy commission expires **Jan 1-1931**Name **H. A. Reynolds**Position **Supr**Representing **Cranfill & Reynolds**

Company or Operator

FORMATION RECORD

From	to	Thickness in Feet	Formation
0	70	70	Sand
70	100	30	Sand and Red Bed
100	265	165	Red Bed
265	290	25	Brown Shale
290	340	50	Brown and Grey Shale
340	355	15	Grey Shale
355	360	5	Gravel (Water)
360	860	500	Red Bed and Red Rock
860	865	5	Blue Shale
865	1050	185	Red Bed and Red Rock
1050	1055	5	Hard Sand
1055	1075	20	Sand
1075	1100	25	Hard Sand and Red Rock
1100	1145	45	Red Sand
1145	1175	30	Hard Sand
1175	1210	35	Red Rock
1210	1235	25	Sandy Shale
1235	1405	170	Red Rock
1405	1425	20	Hard Red Sand
1425	1440	15	Red Rock and Sand
1440	1460	20	Hard Sand
1460	1475	15	Sandy Shale
1475	1780	305	Red Rock and Red Bed
1780	1815	35	Anhydrite
1815	1820	5	Salt
1820	1834	14	Salt and Anhydrite
1834	1850	16	Salt TOP 1834'
1850	1860	10	Lime
1860	1880	20	Broken Lime and Soft Anhydrite
1880	1895	15	Hard Lime and Anhydrite
1895	1935	40	Anhydrite
1935	1940	5	Salt
1940	2005	65	Salt, Anhydrite and Potash
2005	2050	45	Salt
2050	2085	35	Anhydrite
2085	2095	10	Red Bed
2095	2155	60	Salt
2155	2235	80	Potash and Salt
2235	2305	70	Salt
2305	2365	60	Salt and Potash
2365	2410	45	Anhydrite
2410	2440	30	Salt
2440	2500	60	Salt, Anhydrite and Potash
2500	2565	65	Salt
2565	2635	70	Salt and Potash
2635	2680	45	Salt
2680	2750	70	Salt and Potash
2750	2825	75	Salt
2825	2885	60	Potash, Anhydrite and Salt
2885	2920	35	Salt
2920	2945	25	Anhydrite and Potash
2945	3165	220	Salt
3165	3205	40	Salt and Potash
3205	3230	25	Salt
3230	3248	18	Salt and Potash
3248	3265	17	Hard Anhydrite
3265	3310	45	Salt
3310	3335	25	Anhydrite and Potash
3335	3355	20	Salt and Anhydrite
3355	3375	20	Salt
3375	3390	15	Salt and Anhydrite
3390	3460	70	Anhydrite and Potash
3460	3505	65	Salt
3505	3525	20	Anhydrite
3525	3540	15	Anhydrite and Salt
3540	3675	135	Salt
3675	3690	15	Anhydrite
3690	3720	30	Salt
3720	3765	45	Hard Anhydrite
3765	3777	12	Brown Lime
3777	3792	15	CORRECTED DEPTH -CORRECTED LINE TOP 3780'
3792	3800	8	Brown Lime
3800	3808	8	Sandy Lime
3808	4002	194	Grey Lime
4002	4027	25	Red Lime
4027	4046	19	Rotten Lime- 2500' Water in Hole(20)