

N.

ILLEGIBLE

AREA 640 ACRES
LOCATE WELL CORRECTLY

DEPARTMENT OF THE STATE GEOLOGIST

NEW MEXICO SCHOOL OF MINES
Socorro, New Mexico

WELL RECORD

(100 ft.) State land, Socorro, New Mexico, not more than ten
bore holes in the well. Inquire questionable by fol-
"lowing" it with (?) Submit in duplicate

Company **Cranfill and Reynolds** Address **Box 607 Cisco, Texas.**
Send correspondence to **Cranfill and Reynolds, Box 605 Wink, Texas.**
State "A" Well No. **one 1990 ft. fr. S. L.**
R. **36**, N. M. P. M., **36** Sec. **26**
If State land the oil and gas lease is No. **2627** Assignment No. **VI**
If patented land the owner is **State land**, Address **State land**
The lessee is **State land**, Address **State land**

If not state or patented land, give status

Drilling commenced **Aug. 5th** 19**28** Drilling was completed **Dec. 11th** 19**28**Name of drilling contractor **Cranfill, and Reynolds.** Address **Cisco, Texas.**Elevation above sea level at top of casing **2918** feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

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 **270** to **275** No. 3, from **440** to **445**
No. 2, from **295** to **300** No. 4, from **800** to **825**

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATED FROM TO	PURPOSE
202	90	8	Nat.	310	Texas Pat.	153 ft.		
15"	70	8	Nat.	575'3"	"	575'3"		
12 1/2	50	8	"	886	" "	602'		
10	40	8	"	1635'	" "	1177'9"		
8	32	8	"	3117	" "	2316'6"		

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	No SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
10	1735	100 bags	Halliburton		
8	3117	60 "	"		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set
Adapters—Material **Bridged and Grove 600 lbs lead wool and 8" lead plug 18"**
then filled hole with mud.

SHOOTING RECORD

SIZE	SHELL USED	EXPLOSIVE USED	QUANTITY	DATE	DEPTH SHOT	DEPTH CLEANED OUT
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None used

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from **Surface** feet to **3500 ft.** feet, and from feet to feet

PRODUCTION

Put to producing , 19
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

H.A. Waters, Driller
Paul Critton, 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 **28**
day of **Dec.**, 19**28**
L. E. Hanna
Notary Public
My commission expires **Jan 1 - 1929**
Name **H. A. Reynolds**
Position **Supt.**
Representing **Cranfill, and Reynolds, Inc.**
Company or Operator

FORMATION RECORD

From	to	Thickness in Feet	Formation
Surface	18	18	Sand
18	40	22	Calachie
40	175	135	Red rock and sand
175	200	25	Water sand
200	270	70	Red sand
270	275	5	Gravel and
275	295	20	Red sand
295	300	5	Gravel (water)
300	345	45	Red rock and sand
345	355	10	" " "
355	390	35	Red mud
390	410	20	Red rock
410	425	15	Red sand
425	440	15	Red rock
440	445	5	Gravel
445	475	30	Red sand
475	490	15	Red rock and hard sand
490	537	47	Red clay
537	565	28	Running water sand
565	582	17	Red shale
582	587	5	Gravel
587	615	28	Gray shale
615	630	15	water sand
630	635	5	Red bed
635	645	10	" sand
645	675	30	" rock
675	683	8	Blue shale
683	720	37	Red rock
720	725	5	Red shale
725	745	20	" rock
745	770	25	Blue shale
770	800	30	Red rock
800	825	25	Water sand (hole full of water)
825	845	20	Hard sand
845	850	5	Gravel and sand
850	860	10	Gray shale
860	865	5	Slate
865	900	35	Sandy lime
900	925	25	Sand and clay
925	945	20	Water sand
945	990	45	Gyp.
990	1000	10	Lime
1000	1005	5	Slate
1005	1040	35	hard sand
1040	1080	40	Gyp
1080	1110	30	Red rock
1110	1120	10	Shells
1120	1270	150	Red rock
1270	1280	10	Hard sand
1280	1630	350	Red rock
1630	1645	15	Anhydrite
1645	1690	45	Red mud
1690	1835	145	Anhydrite
1835	1845	10	Salt
1845	1900	55	Anhydrite
1900	1920	20	Salt and Anhydrite
1920	1960	40	Anhydrite
1960	1980	20	Salt and red rock
1980	2000	20	Red rock
2000	2005	5	Blue shale
2015	2040	25	Red rock and Anhydrite
2040	2140	100	Red rock
2140	2145	5	Anhydrite
2145	2180	35	Salt and anhydrite
2180	2710	530	Anhydrite
2710	2740	30	Salt and anhydrite
2740	2785	45	Salt
2785	2840	55	Anhydrite
2840	2875	35	Salt
2875	3095	220	Anhydrite
3095	3473	378	Lime
3473	3490	17	Lime and sand hole full of water
3490	3500	10	Sand water running out top of hole