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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.

Company The Texas Company Address Box 1160, Fort Worth, Texas.
Send correspondence to The Texas Company Address Box 1160, Fort Worth, Texas.
State of New Mex. Well No. A-4 in Lot 7 of Sec. 2, T. 21-South,
R. 33-East, N. M. P. M., Lynch Oil Field Lea County.
If State land the oil and gas lease is No. B-163 Assignment No. ----
If patented land the owner is ----- Address -----
The lessee is The Texas Company Address Fort Worth, Texas
If not state or patented land, give status -----
Drilling commenced December 13, 19 33 Drilling was completed February 13, 19 34.
Name of drilling contractor Carl B. King Drilling Co. Address Houston, Texas.
Elevation above sea level at top of casing 3794 feet.
The information given is to be kept confidential until ----- 19 -----

OIL SANDS OR ZONES

No. 1, from 3732 to 3737 011 No. 4, from ----- to -----
No. 2, from 3783 to 3785 011 No. 5, from ----- to -----
No. 3, from ----- to ----- No. 6, from ----- to -----

IMPORTANT WATER SANDS

No. 1, from 1010 to 1040 No. 3, from ----- to -----
No. 2, from 1060 to 1150 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	
<u>12 1/2"</u>	<u>50#</u>	<u>8THD.</u>	<u>L'weld</u>	<u>141</u>	<u>Tex. Pat.</u>				
<u>8 1/2"</u>	<u>32#</u>	<u>8 "</u>	<u>"</u>	<u>1706'4"</u>	<u>"</u>				
<u>5-3/16"</u>	<u>17#</u>	<u>11 1/2 "</u>	<u>"</u>	<u>3649'</u>	<u>Baker-Burch-cement</u>	<u>guide shoe.</u>			

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>12 1/2"</u>	<u>141</u>	<u>55 Sacks</u>	<u>Halliburton</u>		
<u>8 1/2"</u>	<u>1706'4"</u>	<u>400 "</u>	<u>"</u>		
<u>5-3/16"</u>	<u>3649</u>	<u>50 "</u>	<u>"</u>		

PLUGS AND ADAPTERS

Heaving plug—Material none Length ----- Depth Set -----
Adapters—Material ----- Size -----

SHOOTING RECORD

SIZE	SHELL USED	EXPLOSIVE USED	QUANTITY	DATE	DEPTH SHOT	DEPTH CLEANED OUT
<u>Well not shot with nitro.</u>						
<u>Well treated with mixture of 500 gals. acid and 500 gallons water, loaded with 200 barrels oil on February 25, 1934. A detail report of the acid treatment will follow.</u>						

TOOLS USED

Rotary tools were used from 0 feet to 1720 feet, and from ----- feet to ----- feet
Cable tools were used from 1720 feet to 3785 feet, and from ----- feet to ----- feet

PRODUCTION

Put to producing February 19, 19 34.
The production of the first 24 hours was 62 barrels of fluid of which ----- % was oil; ----- % emulsion; 3 1/2 % water; and ----- % sediment. Gravity, Be. 29.7
If gas well, cu. ft. per 24 hours Very little gas Gallons gasoline per 1,000 cu. ft. of gas --
Rock pressure, lbs. per sq. in. --

EMPLOYES

Carl Allsup, Driller H. T. Russell, Driller
G. D. Flickinger, Driller W. W. Enoch, 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 in work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 26th day of March, 19 34
Name Asst. Division Manager,
Position The Texas Company
Representing Company or Operator
My commission expires May 31, 1935

APR 16 1934

APPROVED AS O. K.
BY [Signature]

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	18	18	Surface rock
18	45	27	Sand and Shell
45	80	35	Rock red
80	82	2	Shell
82	155	73	Red rock
155	190	35	Shale and Shells
190	280	90	Red bed and Shells
280	430	150	Rock red
430	870	440	Shale and shells, red.
870	1010	140	Rock red
1010	1100	90	SAND - LIGHT - HARD
1100	1180	80	SAND - GRAY - SOFT
1180	1210	30	Rock red
1210	1300	90	Shale and shells, medium
1300	1410	110	Rock red hard
1410	1415	5	Shale
1415	1470	55	Rock red hard
1470	1500	30	Rock and shale, red, hard
1500	1575	75	Rock, red, hard
1575	1615	40	Rock and shale, red
1615	1705	90	Rock red hard
1705	1755	50	Anhydrite, hard ←
1755	1760	5	Rock red hard
1760	1815	55	Anhydrite gray hard
1815	1950	135	Salt light soft ←
1950	1955	5	Anhydrite gray hard
1955	1990	35	Salt white soft
1990	2040	50	Anhydrite gray hard
2040	2070	30	Salt red soft
2070	2110	40	Anhydrite gray hard
2110	2170	60	Salt white soft
2170	2560	390	Salt red medium, hard
2560	2580	20	Anhydrite gray hard
2580	2635	55	Salt red hard
2635	3005	470	Salt red medium, hard
3005	3060	55	Salt pink hard
3060	3075	15	Anhydrite gray hard
3075	3085	10	Potash red soft
3085	3105	20	Salt red soft
3105	3120	15	Anhydrite white hard
3120	3135	15	Salt red soft
3135	3150	15	Anhydrite white hard
3150	3180	30	Salt red hard
3180	3230	50	Anhydrite and salt
3230	3300	70	Salt red medium
3300	3325	25	Anhydrite white hard
3325	3355	30	Broken shale, gray hard
3355	3375	20	Shale blue soft
3375	3395	20	Salt white medium.
			Note: 3395' equals 3302'.
			Measured well - depth corrected
			back from 3420 to 3327'
3302	3352	50	Salt white medium
3352	3358	6	Anhydrite gray hard
3358	3395	37	Salt red soft
3395	3410	15	Anhydrite brown hard
3410	3422	12	Anhydrite white hard
3422	3442	20	Lime brown hard - Top Brown Lime 3422'
3442	3457	15	Lime white hard
3457	3560	103	Lime brown hard
3560	3600	40	Broken lime, gray hard
3600	3610	10	Lime brown hard
3610	3613	3	SAND RED SOFT
3613	3627	14	SAND GRAY SOFT
3627	3633	6	Shale, broken red soft
3633	3643	10	Lime white hard - Top White Lime 3633'
3643	3648	5	Lime gray hard
3648	3672	24	Lime white hard
3672	3684	12	Lime, sandy white
3684	3692	8	Sand and lime, gray hard
3692	3729	37	Sandy lime, gray hard
3729	3733	4	Broken lime, gray medium.
			Oil and water, filled up 1000' in 4 hrs.,
			from 3732 to 3737'
3733	3737	4	Broken lime, gray soft
3737	3774	37	Lime, gray soft
3774	3783	9	Sandy lime, gray medium
3783	3785	2	Lime gray medium - Inc. in oil 3783-85'
3785	- - -		Total depth