

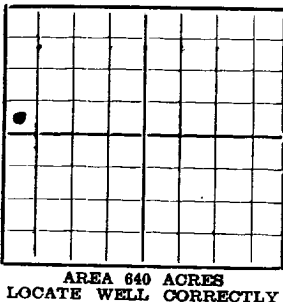
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NEW MEXICO STATE LAND OFFICE
SANTA FE, NEW MEXICO

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 fol-
lowing it with (?). Submit in duplicate.



Company The Prairie Oil & Gas Company Address Ranger, Texas.
Send correspondence to Company Address Ranger, Texas.
W.D. Grimes Well No. 1 in NW 1/4 of Sec. 28, T. 18S,
R. 39E, N. M. P. M., Hobbs Oil Field Lea County.
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is W.D. Grimes Address Hobbs, New Mexico
The lessee is The Prairie Oil & Gas Company Address Ranger, Texas
If not state or patented land, give status _____
Drilling commenced 8-5-30 19____ Drilling was completed 9-23-30 19____
Name of drilling contractor F.T. Brahansy Address Wink, Texas
Elevation above sea level at top of casing Ground 5643.2 feet.
The information given is to be kept confidential until No restrictions 19____

OIL SANDS OR ZONES

No. 1, from Showing gas at 2822' to _____ No. 4, from Oil 3220 to 3240
No. 2, from Gas increased at 2900' to _____ No. 5, from Oil 4080 to 4086
No. 3, from Oil 3200 to 3210 No. 6, from Oil 4112 to 4185

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
Log does not show any water sands
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	
<u>12 1/2</u>	<u>50</u>	<u>8</u>	<u>Natl</u>	<u>228</u>	<u>T.P.</u>				<u>Fresh Water</u>
<u>9 5/8</u>	<u>36</u>	<u>8</u>	<u>"</u>	<u>2750</u>	<u>T.P.</u>				<u>Salt String</u>
<u>7</u>	<u>24</u>	<u>10</u>	<u>Std</u>	<u>3942</u>	<u>T.P.</u>				<u>Oil String</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>228</u>	<u>245</u>	<u>Halliburton</u>	<u>No mud used</u>	
<u>9 5/8</u>	<u>2750</u>	<u>700</u>	<u>"</u>	<u>"</u>	
<u>7</u>	<u>3942</u>	<u>500</u>	<u>"</u>	<u>"</u>	
		<u>12 1/2" casing cemented to surface.</u>			

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 0 feet to 4191 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing Sept. 21st, 19 30
Flowed 360 bbls in one hour thru 3" tubing and casing; 190 bbls in one hour thru tubing
The production of the first 24 hours was _____ barrels of fluid of which 100 % was oil; _____ % only
emulsion; _____ % water; and _____ % sediment. Gravity, Be 35
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Oscar Giles, Driller E.C. Adams, 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 2nd Name W.E. Randolph
day of October, 19 30 Position General Superintendent
W.D. Grimes Representing The Prairie Oil & Gas Company
Notary Public. Company or Operator
My commission expires June 1st, 1931.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	14	14	cellar
14	35	21	caletcha hard
35	119	84	sand
119	127	8	hard rock
127	220	93	sand hard
220	228	8	red rock
228	310	82	brown shale medium
310	330	20	sand and shale medium
330	960	630	shale and red bed
960	1200	240	shale and shells
1200	1260	60	shale and red beds
1260	1310	50	shale and shells
1310	1322	12	red sand
1322	1330	8	red rock and sand
1330	1440	110	shale and lime shells
1440	1450	10	GYP
1450	1470	20	shale and shells
1470	1495	25	shale and red beds
1495	1540	45	shale and shells
1540	1590	50	streaks of sand
1590	1595	5	shale
1595	1705	110	anhydrite and shale
1705	1720	15	anhydrite and potash
1720	1750	30	shale and potash
1750	1765	15	anhydrite and shale
1765	1850	85	shale and potash
1850	1875	25	anhydrite and streaks of salt
1875	1976	101	potash and anhydrite
1976	2050	74	shale and potash
2050	2110	60	shale and anhydrite
2110	2132	22	anhydrite
2132	2250	118	shale and anhydrite
2250	2390	140	shale, anhydrite and salt
2390	2550	160	potash and salt
2550	2595	45	potash, salt and shale
2595	2650	55	anhydrite and shale
2650	2690	40	anhydrite and shale
2690	2720	30	anhydrite and shale
2720	2750	30	anhydrite
2750	2815	65	anhydrite
2815	2822	7	brown lime Gas at 2822
2822	2900	78	broken lime and anhydrite
2900	3070	170	broken lime
3070	3180	110	lime and anhydrite
3180	3200	20	lime hard
3200	3210	10	brown sandy lime Oil at 3200
3210	3220	10	lime and anhydrite
3220	3240	20	brown sand Oil
3240	3310	70	lime and anhydrite
3310	3320	10	anhydrite
3320	3390	70	lime and anhydrite
3390	3460	70	lime and anhydrite
3460	3480	20	lime
3480	3540	60	lime and anhydrite
3540	3550	10	anhydrite
3550	3560	10	sand
3560	3750	190	lime and anhydrite
3750	3756	6	sand Rough
3756	3898	142	lime and anhydrite
3898	3905	7	anhydrite and dolomite core
3905	3912	7	Dolomite and lime core
3912	3942	30	Dolomite and lime
3942	3990	48	anhydrite and lime
3990	4005	15	brown sandy lime hard
4005	4026	21	brown lime soft
4026	4030	4	brown lime soft and porous
4030	4036	6	lime hard
4036	4041	5	lime soft and porous
4041	4044	3	lime hard
4044	4052	8	lime soft
4052	4080	28	lime hard
4080	4086	6	lime Oil
4086	4090	4	lime soft
4090	4093	3	lime soft
4093	4095	2	lime hard
4095	4097	2	lime brown soft
4097	4100	3	lime brown hard
4100	4112	12	lime brown soft
4112	4135	23	lime brown soft Oil
4135	4185	50	lime brown soft
4185	4191	6	lime gray