FORM SG 108

N.

AREA 640 ACRES
LOCATE WELL CORRECTLY

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 following it with (?). Submit in duplicate.

Company The Prairie Oil & Gas Company Address Ranger, Texas

Send correspondence to Same Address Box 368, Ranger, Texas.

J.L. Crump Well No. 1 in NE 1/4 of Sec. 15, T. 19S,

R. 38E, 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 Frank Selman, Address Lubbock, Texas

The lessee is The Prairie Oil & Gas Company, Address Ranger, Texas

If not state or patented land, give status ____

Drilling commenced 4-22-30 19____. Drilling was completed 6-21-30 19____.

Name of drilling contractor H & H Drilling Company, Address Seminole, Okla.

Elevation above sea level at top of casing 3597.4 feet.

The information given is to be kept confidential until No restrictions 19____.

OIL SANDS OR ZONES

No. 1, from gas 2900 to 2906 — No. 4, from oil & water 3970 to 3995

No. 2, from gas 3027 to 3035 — No. 5, from oil 4067 to [illegible] 4125

No. 3, from show oil 3800 to 3805 — No. 6, from oil 4135 to 4145

IMPORTANT WATER SANDS

No. 1, from Water at 3300' to ____ — No. 3, from ____ to ____

No. 2, from Water at 3970' to ____ — No. 4, from ____ to ____

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
12½	50	8	Nat'l	154	TP				Fresh water
8¼	32	8	"	3207	TP				Salt string
6 5/8	24	10	[illegible]	3995	TP				Oil string

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	No. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
12½	154	150	Halliburton		No mud used
8¼	3207	600	"		"
6 5/8	3995	50	"		"
		(12½" casing cemented to surface)			

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 surface feet to 3207 feet, and from ____ feet to ____ feet

Cable tools were used from 3207 feet to 4145 feet, and from ____ feet to ____ feet

PRODUCTION

Put to producing 6-20-30 [illegible] 19____

The production for the first 24 hours was 1970 barrels of fluid of which 100 % was oil; - % 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. ____

EMPLOYES

B.D. Beasley, Driller — Calvin Dicks, Driller

L.C. Craighead, Driller — Roy Hollman, Driller

Guy Powell

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 11th day of July, 1930

[signature]
Notary Public

My commission expires 6-1-31

Name [signature]

Position Asst. General Superintendent

Representing The Prairie Oil & Gas Company
Company or Operator

FORMATION RECORD

From	to	Thickness in Feet	Formation
0	119	119	sand and shells white
119	121	2	lime white
121	164	45	sand and shell
164	22 454	290	rock red
454	614	160	red bed and shells
614	885	271	shale red
885	985	100	shale and shells red
985	1201	216	shale red
1201	1220	19	red bed
1220	1230	10	sand red hard
1230	1320	90	sand rock red
1320	1330	10	red bed
1330	1455	125	shale and mmkm shells red
1455	1485	30	rock anhydrite and shells red
1485	1555	70	shale red
1555	1565	10	rock red
1565	1573	8	gyp
1573	1645	72	anhydrite
1645	1682	37	" , broken shale red
1682	1705	25	salt white
1705	1825	120	salt anhydrite shells white
1825	2050	225	salt anhydrite white
2050	2100	50	anhydrite with salt and potash
2100	2700	600	salt and anhydrite
2700	2835	135	anhydrite white
2835	2855	20	" and shale white
2855	2875	20	anhydrite white
2875	2900	25	anhydrite brown hard
2900	2906	6	lime sandy gas show
2906	2982	86	lime
2982	3035	81	broken lime and shale gas increased from 3027
3035	5101	68	anhydrite and lime
3101	3134	33	lime
3134	3148 SLM	14	anhydrite and lime
3148	3153	5	anhydrite lime salt and shlae
3153	3180	27	anhydrite broken lime
3180	3225	45	anhydrite
3225	3240	15	sand red
3240	3260	20	anhydrite
3260	3264	4	shale gred 500' water at 3230
3264	3450	186	anhydrite
3450	3606	156	anhydrite and broken lime 1 bwph
3606	3680	74	anhydrite
3680	3685	5	slate grey
3685	3792	107	anhydrite
3792	3868	76	anhydrite and broken lime 1/2 bwph
3868	3875	7	anhydrite
3875	3902	27	lime hard
3902	3920	18	lime broken
3920	3925	5	lime grey very hard
3925	3973	48	lime grey show oil and water at 3970
3973	3995	22	lime grey very hard
3995	4035	40	lime grey
4035	4056	21	lime sandy grey
4056	4100	44	lime white oil show at 4087
4100	4135 SLM	35	lime white
4135	4145	10	lime