

NEW MEXICO STATE LAND OFFICE
SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST
NEW MEXICO SCHOOL OF MINES
SOCORRO, NEW MEXICO

REQUEST FOR PERMISSION TO CONNECT WITH PIPE LINE

This request should be made in triplicate. Permission of the Commissioner of Public Lands should be obtained before connecting.

Ranger, Texas ~~N. Mex.~~ 7-11-30 19

Mr. C.G. Staley

State Geologist,
Socorro, N. Mex

Dear Sir:

Permission is requested to connect J.L. Crump

Wells No. 1 in NE 1/4 of Sec. 15

T. 19S, R. 38E, N. M. P. M., Hobbs

Field, Lea County, with the pipe line of the

Atlantic Pipe Line Company

Name of Pipe Line Company

Logs of the above wells were filed with the State Geologist attached 19

All other requirements have been complied with.

Yours truly,

THE PRAIRIE OIL AND GAS COMPANY

Owner or Operator

By E.B. Miller

Position Asst. General Superintendent

Address Box 368, Ranger, Texas.

Permission is hereby
granted to make pipe line
connections requested
above.

Austin D. Crile
Commissioner of Public Lands.

Approved July 21, 1930

Date July 21, 1930

State Geologist

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Approved

19 30

Date

July 21, 19 30

State Geologist

NEW MEXICO STATE LAND OFFICE

Santa Fe, New Mexico

DEPARTMENT OF THE STATE GEOLOGIST
NOTICE OF INTENTION TO DRILL NEW WELL

Notice must be given to the State Geologist or to the proper Oil and Gas Inspector and approval obtained before drilling begins. If changes in the proposed plan are considered advisable a copy of this notice showing such changes will be returned to the sender. Submit this notice in triplicate. One copy will be returned following approval.

Mr. **C. G. Staley**, State Geologist, **Roswell** N. Mex., **April 9** 19**20**

Dear Sir: You are hereby notified that it is our intention to commence the drilling of a well to be known as **J. L. Crump** Well No. **1** in **Sec 15** of Sec. **15** T. **19S**, R. **30E**, N. M. P. M., **Hobbs** Oil Field **Lea** County

AREA 640 ACRES

LOCATE WELL CORRECTLY

The well is **330** feet (N.) of **north** line and **2510** feet (S.) of **east** line of **Sec. 15**

(Give location from section or other legal subdivision lines. Cross out wrong directions.)

If state land the oil and gas lease is No. **no**
Assignment No. _____

If patented land the owner is **Frank Selman, Surface rights**
Address **Lubbock, Texas**

The lessee is _____ Address _____

The elevation of the derrick floor above sea level is **3587.4** feet. We propose to drill well with No. **Rotary & Standard**

Make of Drill

We propose to use the following strings of casing and to land or cement them as indicated.

Size of Casing	Weight Per Foot	New or Second Hand	Depth	Landed or Cemented
12 1/2	50	new	About 200'	Cement
8 1/2	32	"	" 3200'	Cem. back to 12 1/2"
6 5/8	24	"	" 4050	Landed

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil or gas sand should occur at a depth of about **4150** feet.
Additional information: **It is our intention to run 8 1/2" pipe to about 3200' and cement back to bottom of 12 1/2". This will protect salt section.**

Approved *[Signature]*, 19**20**
Except as follows:

State Geologist or Oil and Gas Inspector.

Sincerely yours,

The Prairie Oil & Gas Company

Company or Operator.

By **District Agent** *[Signature]*Position **District Agent**

Send communication regarding well to

Name **Keith E. Creuse**Address **Box 904, Roswell, N.M.**

**NEW MEXICO STATE LAND OFFICE
SANTA FE, NEW MEXICO**

DEPARTMENT OF THE STATE GEOLOGIST

NOTICE OF TEST OF WATER SHUT-OFF

Notice must be given to the State Geologist or to the proper Oil and Gas Inspector at least five days before the test. It is desirable that a representative of the Department of the State Geologist witness the water shut-off before drilling into the productive sand whenever possible.

If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to sender. Submit this notice in duplicate.

..... Hobbs N. Mex., May 26 19 30

Mr. Robert Halley

Asst. State Geologist,
Santa Fe, New Mexico.

Dear Sir:

You are hereby notified that we intend to test the shut-off of water in J. L. Grump
Well No. 1 in of Sec. 15, T. 19-S, R. 38-E,
N. M. P. M., Hobbs Oil Field Lea County,
on May 26 19 30 32# Seamless lb. casing was { landed } in Hard Anhydrite
formation at a depth of 3207 feet on May 18th 19 30
600 sacks of Atlas Portland cement were used.

The method used in placing the cement was as follows:

Halliburton Oil Well Cementing Company - Plug:

Fluid level will be bailed to a depth of 100 feet and left undisturbed for at least 12 hours before your inspection.

Adjacent property owners have been notified as follows:

Additional information:

Approved May 26th 19 30 Sincerely yours.

Except as follows:

..... THE PRAIRIE OIL & GAS COMPANY

Company or Operator.

By J. H. Tebo

Position District Superintendent

Send communication regarding well to

Name J. H. Tebo

Address Drawer "F"

Wink, Texas

R. L. Halley
.....
State Geologist or Oil and Gas Inspector.

NEW MEXICO STATE LAND OFFICE
SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST

NOTICE OF TEST OF WATER SHUT-OFF

Notice must be given to the State Geologist or to the proper Oil and Gas Inspector at least five days before the test. It is desirable that a representative of the Department of the State Geologist witness the water shut-off before drilling into the productive sand whenever possible.

If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to sender. Submit this notice in duplicate.

..... Hobbs N. Mex., June 11th 1930

Mr. Robert Halley

Asst. State Geologist,
Santa Fe, New Mexico.

Dear Sir:

You are hereby notified that we intend to test the shut-off of water in J. L. Crump #1
Well No. 1 in of Sec. 15, T. 19-S, R. 38-E,
N. M. P. M., Hobbs Oil Field Lee County,
on June 15th 1930 34 1/2 Seamless lb. casing was landed { cemented } in 1 1/2 lime
formation at a depth of 3935 feet on June 11th 1930
50 sacks of Oil Well cement were used.

The method used in placing the cement was as follows:

Halliburton Oil Well Cementing Process & Plug:

Fluid level will be bailed to a depth of dry feet and left undisturbed for at least 12 hours before your inspection.

Adjacent property owners have been notified as follows: Midwest Refining Company

Additional information:

Approved June 12th 19 30 Sincerely yours.

Except as follows:

THE PRAIRIE OIL & GAS COMPANY

Company or Operator.

By J. H. Yoho

Position District Superintendent

Send communication regarding well to

Name J. H. Yoho

Address Drawer "P"

Wink, Texas

R. L. Halley
State Geologist or Oil and Gas Inspector.

N.

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Company The Prairie Oil & Gas Company Address Ranger, Texas.
Send correspondence to Same Address Ranger, Texas
J.L. Crump Well No. 1 in NE 1/4 of Sec. 15, T. 19S,
R. SSE, 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 show gas 2900 to 2906 Oil & water 3970 to 3995
No. 2, from " " 3027 to 3033 No. 5, from OIL 4087 to 4145
No. 3, from show oil 3500 to 3505 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from Water at 3330 to _____ No. 3, from _____ to _____
Show oil and water at 3970
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>Katl</u>	<u>164</u>	<u>T.P.</u>				<u>Fresh water</u>
<u>8 1/2</u>	<u>32</u>	<u>8</u>	<u>"</u>	<u>3207</u>	<u>T.P.</u>				<u>Salt string</u>
<u>6 5/8</u>	<u>24</u>	<u>10</u>	<u>Std.</u>	<u>3995</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>164</u>	<u>100</u>	<u>Halliburton</u>	<u>No mud used</u>	
<u>8 1/2</u>	<u>3207</u>	<u>600</u>	<u>"</u>	<u>"</u>	
<u>6 5/8</u>	<u>3995</u>	<u>50</u>	<u>"</u>	<u>"</u>	
		<u>12 1/2 inch 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 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 19____
Flowed 1970 bbls 1st 9 hours 100 % was oil; _____ %
The production of the first 24 hours was _____ barrels of fluid of which _____ % 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

L.C. Craighead, Driller Calvin Dicks, Driller
D.D. Beasley, Driller Roy Holman, Driller
Guy Powell, 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 5 Name DE Randolph
day of Sept., 19 30 Position General Superintendent
Wm S. Brennan Representing The Prairie Oil & Gas Company
Notary Public. Company or Operator
June 1, 1931

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	119	119	sand and shells white
119	121	2	lime white
121	164	43	sand and shell
164	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 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	anhydrite and broken shale red
1682	1705	23	salt white
1705	1825	120	salt anhydrite and shells white
1825	2050	225	salt and anhydrite white
2050	2100	50	anhydrite with salt and potash
2100	2700	600	salt and anhydrite
2700	2855	155	anhydrite white
2855	2855	20	anhydrite and shale white
2855	2875	20	anhydrite white
2875	2900	25	anhydrite brown hard
2900	2906	6	lime sandy gas show
2906	2952	46	lime
2952	3033	81	lime broken and shale gas increased from 3027
3033	3101	68	anhydrite and lime
3101	3134	33	lime
3134	3148 SIM	14	anhydrite and lime
3148	3153	5	anhydrite lime salt and shale
3153	3180	27	anhydrite broken lime
3180	3225	45	anhydrite
3225	3240	15	sand red
3240	3260	20	anhydrite
3260	3264	22 4	shale grey 500' water 3530
3264	3450	186	anhydrite
3450	3606	156	anhydrite and broken lime 1 BPH
3606	3680	74	anhydrite
3680	3685	5	slate grey
3685	3792	107	anhydrite
3792	3868	76	anhydrite and broken lime 1/2 BPH
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	4055	40	lime grey
4055	4056	21	lime sandy grey
4056	4100	44	lime white
Oil show at 4087			
4100	4135 SIM	35	lime white
4135	4145	10	lime
<u>Sand record</u>			
lime show gas		2900	2906
lime show gas		3027	3033
show oil		3300	3305
oil and water		3970	3995
lime oil		4087	4145

Note- This is a copy as near as possible of log of this well which we mailed to you with our letter of July 11th, 1930. Mr. Halley states in his letter of August 25th to us that he can not find record of this log, however, other reports which were enclosed with above mentioned log were evidently received as our copy was returned.