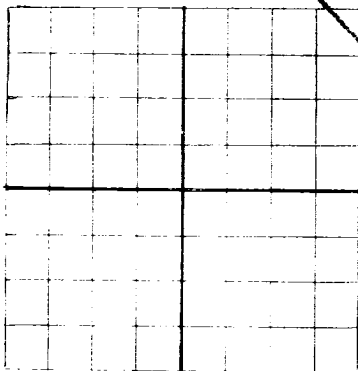


N

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

O. T. Hegner Box 808, Artesia, New Mexico.
Company or Operator Address
Louis J. Root Well No. One in Block of Sec. 12, T. 17 S
Lease
R. 29 E N. M. P. M. Grayburg Field, Eddy County.
Well is 680 feet south of the North line and 1080 feet west of the East line of Section 12.
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is _____ Address _____
If Government land the permittee is Louis J. Root Address _____
The Lessee is O. T. Hegner Address Artesia, N.M.
Drilling commenced May 7 19 41 Drilling was completed September 5 19 41
Name of drilling contractor O. L. Root Address Artesia, New Mexico.
Elevation above sea level at top of casing 5662 feet.
The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from 2875 to 2896 No. 4, from _____ to _____
No. 2, from 2610 to 2617 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 365 to 370 feet.
No. 2, from 1000 to 2010 feet.
No. 3, from _____ to _____ feet.
No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	TO	PURPOSE
<u>6 1/2"</u>		<u>Used casing</u>		<u>555</u>					<u>Top of Salt</u>
<u>7"</u>		<u>Used casing</u>		<u>2450</u>					<u>Production</u>

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>6 1/2"</u>		<u>6 1/2"</u>	<u>50</u>	<u>Halliburton plug</u>		
<u>7"</u>		<u>2450</u>	<u>100</u>	<u>"</u>	<u>"</u>	<u>50 Sack thick clay</u>

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____
Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
<u>3 1/2"</u>		<u>Nitrocellulose</u>	<u>110 lbs.</u>	<u>3/16</u>	<u>2574-2651</u>	<u>2650</u>

Results of shooting or chemical treatment Well cleaned itself. Flowing by heads about 10 bbls an hour. Well cleaning out to bottom.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from Surface feet to 400 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing September 5 19 41
The production of the first 24 hours was 550 barrels of fluid of which 100 % 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. _____

EMPLOYEES

C. T. Hegner Driller Corrin Keith Driller
Walter Gray Driller A. L. Root 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 25 Artesia, New Mexico.
day of September 19 41 Name C. T. Hegner
Jeanne Horner nee Jeanne White Position Owner
Notary Public Representing _____
My Commission expires September 11, 1943 Company or Operator _____
Address Box 808, Artesia, New Mexico.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	6	6	Surface
6	16	10	Ca leshi.
16	250	234	Red Rock
230	365	115	Gyp
355	370	5	Red Sand - water
370	380	10	Gyp
380	435	55	Red Bed
435	470	35	Pota sh
470	520	50	Red Rock
520	550	30	Anhydrite
550	770	220	Salt.
770	785	15	Anhydrite
785	940	155	Salt
940	980	40	Anhydrite- red bed breaks
980	1135	155	Anhydrite
1135	1165	30	Red Beds
1165	1215	50	Anhydrite
1215	1315	100	Anhydrite- red rock breaks
1315	1325	10	Anhydrite and brown shale
1325	1365	40	Anhydrite
1365	1425	60	Anhydrite-Pink
1425	1450	25	Anhydrite
1450	1470	20	Anhydrite and grey shale
1470	1495	25	Anhydrite and lime
1495	1600	105	Anhydrite
1600	1615	15	Lime
1615	1770	155	Anhydrite
1770	1790	20	Brown shale
1790	1990	200	Anhydrite
1990	2030	40	Red Sand- Water 2000 to 2010
2030	2085	5	Lime
2085	2157	122	Anhydrite
2157	2167	10	Lime
2167	2173	6	Anhydrite
2173	2179	6	Red Bed
2179	2208	29	Anhydrite and red bed
2208	2228	20	Red bed-sandy
2228	2242	14	Anhydrite
2242	2328	86	Lime
2328	2343	15	Red Shale
2343	2353	10	Lime
2353	2373	20	Red Shale
2373	2404	29	Lime
2404	2422	18	Grey Lime
2422	2451	9	Sandy Lime
2451	2447	16	Grey Lime - Steel line measurement
2447	2576	129	Lime- cemented 7" O.D. Casing 2450.
2576	2600	24	Sandy Lime- Free Oil. Top of pay 2575.
2600	2610	10	Lime
2610	2617	7	Sandy Lime- More Oil. Gas at 2611.
2617	2627	10	Well flowing every two hours by hole ds.
2627	2636	9	Red Lime
			Grey Lime
			Soft 2573-2590
			Hard 2590-2596
			Soft 2596-2633
			2636 Total Depth.