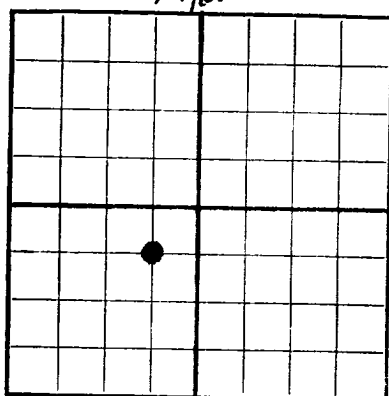


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 031044
LEASE OR ~~Permit to Proceed~~ Lease Max Friess

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

" OLD WELL DRILLED DEEPER "

LOG OF OIL OR GAS WELL

Company Pren Oil Company Address 208 Hills Bldg., El Paso, Texas
Lessor or Tract Max Friess Field Premier State New Mexico
Well No. 3 Sec. 12 T. 17S. R. 31E. Meridian N.M.P.M. County Hddy
Location 1900 ft. N. of south line and 3300 ft. W. of east line of section 12 Elevation 3610 ft.
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Max EngingerDate July 3, 1955Title Partner

The summary on this page is for the condition of the well at above date.

Commenced drilling May 28, 1955 Finished drilling June 20, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2305' to 2310' (G) No. 4, from _____ to _____
No. 2, from 3025' to 3035' (oil) No. 5, from _____ to _____
No. 3, from 3035' to 3100' (oil) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>5 1/2"</u>	<u>15.5#</u>	<u>8 thd.</u>	<u>C.I.P.</u>	<u>3074'</u>	<u>Baker</u>				<u>oil string</u>
If the casing is perforated, give the depth of the perforation, the size of the hole, and the type of the casing.									
If the casing is not perforated, give the depth of the casing and the type of the casing.									
If the casing is not perforated and is not cemented, give the depth of the casing and the type of the casing.									
If the casing is not perforated and is not cemented and is not lined, give the depth of the casing and the type of the casing.									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>5 1/2"</u>	<u>3074'</u>	<u>30</u>	<u>Halliburton</u>		<u>None</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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 2002 feet to 3134 feet, and from _____ feet to _____ feet

DATES

July 3, 1955 Put to producing July 1, 1955
The production for the first 24 hours was 230 barrels of fluid of which 100 % was oil, _____ %
emulsion; no % water; and _____ % sediment. Gravity, °Bé. 39.0

If gas well, cu. ft. per 24 hours _____

Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Shorty Anderson, Driller Be. Black, Driller
John Adams, Driller _____, Driller

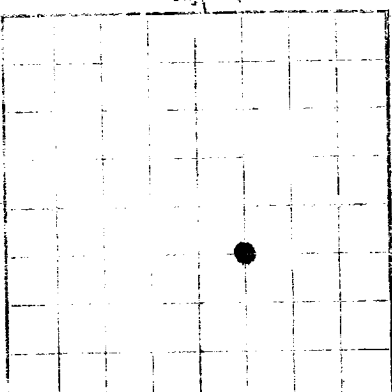
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			<u>OLD WELL DRILLED DEEPER</u>
<u>2602</u>	<u>2605</u>	<u>93</u>	<u>Anhydrite</u>
<u>2605</u>	<u>2104</u>	<u>9</u>	<u>Anhydrite & shale</u>
<u>2104</u>	<u>2115</u>	<u>11</u>	<u>Red shale</u>
<u>2115</u>	<u>2155</u>	<u>40</u>	<u>Anhydrite & pink lime</u>
<u>2155</u>	<u>2220</u>	<u>65</u>	<u>Anhydrite</u>
<u>2220</u>	<u>2279</u>	<u>50</u>	<u>Anhydrite</u>
<u>2270</u>	<u>2290</u>	<u>20</u>	<u>Anhydrite</u>
<u>2298</u>	<u>2310</u>	<u>20</u>	<u>Anhydrite & gray sand - gas at 2305' -</u>
<u>2310</u>	<u>2330</u>	<u>20</u>	<u>Sand & sandy lime</u>
<u>2330</u>	<u>2370</u>	<u>40</u>	<u>Anhydrite & lime</u>
<u>2370</u>	<u>2390</u>	<u>20</u>	<u>Sand gray</u>
<u>2390</u>	<u>2397</u>	<u>7</u>	<u>Sand gray</u>
<u>2397</u>	<u>2430</u>	<u>33</u>	<u>Anhydrite</u>
<u>2430</u>	<u>2450</u>	<u>20</u>	<u>Anhydrite & lime shells</u>
<u>2450</u>	<u>2500</u>	<u>50</u>	<u>Anhydrite & lime</u>
<u>2500</u>	<u>2510</u>	<u>10</u>	<u>Sand - gray</u>
<u>2510</u>	<u>2530</u>	<u>20</u>	<u>Anhydrite</u>
<u>2530</u>	<u>2550</u>	<u>20</u>	<u>Anhydrite, pink lime - sandy-</u>
<u>2550</u>	<u>2560</u>	<u>10</u>	<u>lime-pink-sandy</u>
<u>2560</u>	<u>2570</u>	<u>10</u>	<u>Sand</u>
<u>2570</u>	<u>2581</u>	<u>11</u>	<u>Sand - gray</u>
<u>2581</u>	<u>2590</u>	<u>9</u>	<u>Anhydrite & red sand</u>
<u>2590</u>	<u>2630</u>	<u>40</u>	<u>Anhydrite & lime</u>

(OVER)

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



Company _____
Location _____
The information given herewith is a complete and correct record of the well and all work done thereon
as far as can be determined from all available records.
Signed _____
This _____

OIL OR GAS SANDS OR ZONES

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

CASING RECORD

Casing	Size	Weight	Length	Remarks

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD

Material	Quantity	Method used	Remarks

PLUGS AND ADAPTERS

Plug or Adapter	Size	Depth set	Remarks

SHOOTING RECORD

Shot	Depth used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Robinson tools were used from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet.

It was shut in due to lack of storage.
After recovery at the rate of 35 bbls. per
hour for 6 hours, after which time
it was allowed to flow at the rate of 10 bbls. per
minute.

Injection rate: 16.66 bbls. per minute.
After recovering lost oil (some 600 bbls.)
it was allowed to flow at the rate of 35 bbls. per
hour for 6 hours, after which time
it was shut in due to lack of storage.

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hour for 6 hours, after which time
it was shut in due to lack of storage.

FORMATION RECORD—Continued

FORMATION	TOTAL FEET	TO	FROM
Argillite & shale, red, sandy	20	2650	2630
Argillite, sandy	20	2670	2650
Lime - sandy	20	2690	2670
Lime - broken	3	2693	2690
Lime	30	2723	2693
Lime	27	2750	2723
Lime	15	2825	2750
Lime	15	2840	2825
Lime - corrected depth - hole 30 ft. deeper -	30	2870	2840
Lime	15	2900	2870
Lime	15	2936	2900
Lime	15	2980	2936
Lime	15	3025	2980
Lime - broken - show of oil - 4 bbls. per hr. -	10	3035	3025
Lime - white	4	3039	3035
Lime - gray - broken	11	3050	3039
Lime - white	20	3070	3050
Lime - white	17	3087	3070
Lime - desirable pay between 3085' to 3100' -	16	3100	3087
Lime - white	10	3110	3100
Lime - white & pink - 900 ft. of fluid in hole -	4	3114	3110
Lime - top of oil 1150 ft. from bottom - casing -	4	3118	3114
Lime	10	3128	3118
Lime - white	7	3135	3128
Lime - white - steel line measuring	2	3137	3135
FORMATION - hole 3 ft. short -			