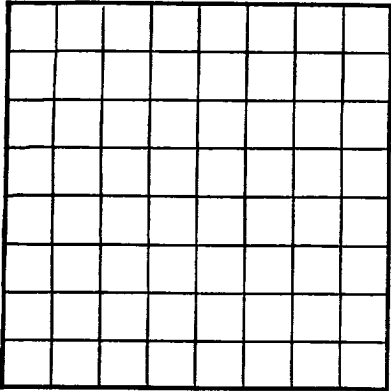


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 028992 A
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Roland Rich Woolley Address Box 456, Artesia, New Mexico
Lessor or Tract Roland Rich Woolley Field Premier State New Mexico
Well No. 15A Sec. 22 T. 17S R. 30E Meridian 10PM County Eddy
Location 990 ft. {N.} of 222 Line and 990 ft. {E.} of E Line of Sec. 22 Elevation _____
(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 _____
Date January 22, 1951 Title Superintendent

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

Commenced drilling Nov. 1, 1950 Finished drilling Jan. 18, 1951

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 1910 to 1915 No. 4, from _____ to _____
No. 2, from 1935 to 1948 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 400 to 460 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>8-5/8</u>	<u>24</u>		<u>New</u>	<u>185</u>					
<u>7</u>	<u>20</u>		<u>sm's</u>	<u>2923</u>	<u>pulled 2/13</u>				
			<u>new</u>	<u>1897</u>					
			<u>reset</u>						

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>485</u>	<u>50</u>	<u>Denton</u>	<u>Heavy</u>	<u>Top to bottom</u>
<u>7</u>	<u>2923</u>	<u>100</u>	<u>"</u>	<u>"</u>	<u>"</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
<u>2-5"-30</u>		<u>Notro-Glycerin</u>	<u>100 qts</u>	<u>1-14-51</u>	<u>1925-51</u>	<u>1951</u>
<u>2-5"-20</u>			<u>w/4 sacks</u>	<u>Calseal</u>		

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3168 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____
The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

W. E. Fleming, Driller E. A. Sample, Driller
W. H. Settlementire, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>100</u>		<u>Sand</u>
<u>100</u>	<u>145</u>		<u>red bed</u>
<u>145</u>	<u>210</u>		<u>red bed & sand</u>
<u>210</u>	<u>240</u>		<u>anhy</u>
<u>240</u>	<u>250</u>		<u>red bed</u>
<u>250</u>	<u>375</u>		<u>anhy</u>
<u>375</u>	<u>385</u>		<u>broken anhy</u>
<u>385</u>	<u>460</u>		<u>red bed</u>
<u>460</u>	<u>1177</u>		<u>salt</u>
<u>1177</u>	<u>1225</u>		<u>anhy</u>
<u>1225</u>	<u>1230</u>		<u>anhy & red shale</u>
<u>1230</u>	<u>1390</u>		<u>anhy</u>
<u>1390</u>	<u>1400</u>		<u>red bed</u>
<u>1400</u>	<u>1430</u>		<u>anhy</u>
<u>1430</u>	<u>1470</u>		<u>broken anhy</u>
<u>1470</u>	<u>1480</u>		<u>red sandy shale</u>
<u>1480</u>	<u>1500</u>		<u>anhy</u>
<u>1500</u>	<u>1535</u>		<u>broken anhy</u>
<u>1535</u>	<u>1560</u>		<u>anhy & lime shells</u>
<u>1560</u>	<u>1595</u>		<u>anhy</u>
<u>1595</u>	<u>1630</u>		<u>broken anhy</u>
<u>1630</u>	<u>1665</u>		<u>anhy & blue shale</u>
<u>1665</u>	<u>1915</u>		<u>anhy (show oil & gas 1910-1915)</u>
<u>1915</u>	<u>1935</u>		<u>anhy & brown lime</u>
<u>1935</u>	<u>1948</u>		<u>brown lime (show gas 1935-1948)</u>
<u>1948</u>	<u>2125</u>		<u>anhy (7 bailers free oil 1955-1980)</u>

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Well No. _____ Township _____ Range _____
County _____ State _____
Location _____
Depth _____
Date _____
By _____

Oil or Gas Sands or Cones

Important Water Sands

Casing Log

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			
DATE	TIME	DEPTH	DESCRIPTION
2125	2155	2180	any & red breaks
2125	2225	2180	any
2125	2255	2180	broken any
2125	2345	2180	any
2125	2385	2180	red sand
2125	2420	2180	any
2125	2450	2180	Hard sandy any
2125	2500	2180	any
2125	2570	2180	broken any
2125	2600	2180	any
2125	2605	2180	red sandy any
2125	2616	2180	any (1 barrel free oil 2635-60)
2125	2700	2180	any lime
2125	2707	2180	gray lime
2125	2730	2180	broken lime
2125	2751	2180	any
2125	2798	2180	broken lime
2125	2897	2180	gray lime
2125	2897	2180	sandy lime (s/o 2903)
2125	2919	2180	light gray lime
2125	2923	2180	hard gray lime
2125	2939	2180	lime
2125	2963	2180	gray lime (light s/o 2939-45)
2125	2977	2180	white lime
2125	3001	2180	gray lime (s/o 2977-88)
2125	3008	2180	dark lime (s/o)
2125	3038	2180	FORMATION
2125	3052	2180	gray lime (slightly pink)
2125	3064	2180	gray lime
2125	3080	2180	white lime
2125	3106	2180	any
2125	3152	2180	gray lime
2125	3168	2180	pink lime (SIM 3162) I. D.
2125	3168	2180	Plugged back 1951
2125	3168	2180	General No.
2125	3168	2180	bottom of hole 4' above (s/o 3168)
2125	3168	2180	For production
2125	3168	2180	DATE
2125	3168	2180	TIME
2125	3168	2180	DEPTH
2125	3168	2180	DESCRIPTION