

Form 9-390

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 070962
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Nelson & Edward Morris, Ltd. Address W & Tower Bldg., Dallas, Texas.
and A. V. Lloyd
Lessor or Tract Payne Field Wildcat State Texas
Well No. 1 Sec. 26 T. 30N R. 11W Meridian _____ County San Juan
Location 1650 (N.) of S Line and 990 (E.) of W Line of Section Elevation 5910.00
(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.

Date February 16, 1951 Signed A. V. Lloyd Title Manager

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

Commenced drilling October 25, 1950 Finished drilling December 18, 1951

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

No. 1, from 2300 0 to 2400 0 No. 4, from _____ to _____
No. 2, from 3890 0? to 4025 0? No. 5, from _____ to _____
No. 3, from 4620 0 to 4824 0 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 500 to 670 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>13 3/8 60</u>	<u>8</u>	<u>8</u>	<u>Nat'l</u>	<u>186.73</u>	<u>Waker</u>				<u>Surface</u>
It is of the greatest importance to have a complete record of the well. If the well has been plugged, the casing must be removed and the well re-opened. If the well has been plugged, the casing must be removed and the well re-opened. If the well has been plugged, the casing must be removed and the well re-opened.									
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13 3/8 184</u>		<u>200</u>	<u>Pump-plug</u>	<u>10</u>	<u>Cement to surface</u>
<u>9 5/8 398</u>		<u>200</u>	<u>" "</u>	<u>10</u>	
<u>7</u>	<u>4628</u>	<u>135</u>			<u>Displaced with cement</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>5"</u>	<u>10</u>	<u>Nitro-gel</u>	<u>200 qts</u>	<u>12/22</u>	<u>4773/4823</u>	<u>4821</u>
<u>5"</u>	<u>10</u>	<u>" "</u>	<u>250 "</u>	<u>12/22</u>	<u>4649/4703</u>	<u>4821</u>

TOOLS USED

Rotary tools were used from 0 feet to 4628 feet, and from _____ feet to _____ feet
Cable tools were used from 4628 feet to 4835 feet, and from _____ feet to _____ feet

DATES

January 11, 1951 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

Quannah Parker, Driller George Stabaugh, Driller
Dave Evans, Driller Bill Marvin, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>250</u>	<u>250</u>	<u>Sandy grey shale</u>
<u>250</u>	<u>370</u>	<u>120</u>	<u>Soft sand thin shale breaks</u>
<u>370</u>	<u>440</u>	<u>70</u>	<u>Grey soft shale</u>
<u>440</u>	<u>670</u>	<u>230</u>	<u>Grey medium coarse sand-thin shales</u>
<u>670</u>	<u>800</u>	<u>130</u>	<u>Grey sandy shale</u>
<u>800</u>	<u>870</u>	<u>70</u>	<u>Sand and grey shale</u>
<u>870</u>	<u>1047</u>	<u>177</u>	<u>Medium to coarse sand, conglomeratic at base</u>
<u>1047</u>	<u>1430</u>	<u>383</u>	<u>Grey to variegated shale-thin sands</u>
<u>1430</u>	<u>1460</u>	<u>30</u>	<u>Soft medium porous sand</u>
<u>1460</u>	<u>1492</u>	<u>32</u>	<u>Soft grey sandy shale</u>
<u>1492</u>	<u>1505</u>	<u>13</u>	<u>Soft grey porous medium sand</u>
<u>1505</u>	<u>1550</u>	<u>45</u>	<u>Grey shale</u>
<u>1550</u>	<u>1570</u>	<u>20</u>	<u>Grey soft sand</u>
<u>1570</u>	<u>1605</u>	<u>35</u>	<u>Soft grey shale</u>
<u>1605</u>	<u>1620</u>	<u>15</u>	<u>Grey sand</u>
<u>1620</u>	<u>1700</u>	<u>80</u>	<u>Grey sand and shale</u>
<u>1700</u>	<u>2020</u>	<u>320</u>	<u>Grey/green soft clay shale</u>
<u>2020</u>	<u>2075</u>	<u>55</u>	<u>Dark shale and grey sand</u>
<u>2075</u>	<u>2260</u>	<u>185</u>	<u>Dark carbonaceous shale-thin coals</u>
<u>2260</u>	<u>2272</u>	<u>12</u>	<u>Coal</u>
<u>2272</u>	<u>2290</u>	<u>18</u>	<u>Dark carb shale</u>
<u>2290</u>	<u>2300</u>	<u>10</u>	<u>Coal</u>
<u>2300</u>	<u>2350</u>	<u>50</u>	<u>Sand fine/medium, soft, salt/near surface showing gas</u>

(OVER)

FORMATION RECORD—CONTINUED

LOG OF OIL OR GAS WELL

THIS WELL WAS DRILLED WITH ROTARY TOOLS BY DENHAM DRILLING COMPANY, OUTLINE OF THE WELL SETTING SURFACE Casing to a depth of 1988', where 9 5/8" was set. The casing was cemented between 2500 and 2700'. After setting 9 5/8" and 8 3/4" hole was drilled to 4258 and 4350'. The liner was run and set on bottom with drilling mud. Baker setting equipment. 135 sacks cement was circulated to top of liner and washed at top. Hole then drilled with cable tools by Denham Drilling Company to 4745'. Hole was indicated, turned out to 4820', lost 5" better and left in hole. This well was completed January 11, 1951.

CASING RECORD

HISTORY OF OIL OR GAS WELL							U. S. GOVERNMENT PRINTING OFFICE 16-59084-1	
Casing Size per foot	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Refractored	
							From—	To—
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 "dredged," or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of charges. If pipes or bridges were put in to test for leaks, state kind of material used, position, and results of pumping or testing.								

MUDGING AND CEMENTING RECORD

Size casting	Where set	Number bags of cement	Method used	Mud gravity	Amount of mud used
12 in. x 12 in. x 12 in.	12 in. x 12 in. x 12 in.	100	100	100	100
12 in. x 12 in. x 12 in.	12 in. x 12 in. x 12 in.	100	100	100	100
12 in. x 12 in. x 12 in.	12 in. x 12 in. x 12 in.	100	100	100	100

PLUGS AND ADAPTERS

Adapters—Material		Size		Depth set	
Heaving plug—Material		Length			

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
10	10	10	10	10	10	10

Cable tools were used from		feet to		feet, and from		feet to	
Rotary tools were used from		feet to		feet, and from		feet to	

ZETA

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

[illegible]