



DUPLICATE
U.S. LAND OFFICE
AUG 30 1941
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT
059000
UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Argo Oil Corporation Address Ft. Worth, Texas, Ft. Worth Nat. Bank Bldg.
 Lessor or Tract Byrl A. Burner Field Halfway State New Mexico
 Well No. 8 Sec. 9 T. 20-S R. 22-E Meridian _____ County Lea
 Location 330 ft. N. of 8. Line and 1900 ft. E. of 8. Line of Sec 9- 20 S 22 E Elevation 3487
(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 M E Devan
Date August 31 1941. Title Field Clerk

The summary on this page is for the condition of the well at above date.
 Commenced drilling July 25, 1941 Finished drilling August 28, 1941

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

G No. 1, from 2345 to 2346 Small show No. 4, from _____ to _____
O No. 2, from 2504 to 2514 Small show No. 5, from _____ to _____
O No. 3, from 2615 to 2618 -Oil filled hole No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 70 to 80 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>40</u>	<u>8</u>	<u>Used</u>	<u>234</u>	<u>Box</u>	<u>234</u>			<u>Pulled after</u>
<u>7" OD</u>	<u>30</u>	<u>8</u>	<u>New</u>	<u>2615</u>	<u>Common</u>	<u>2615</u>			<u>filled hole</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>887</u>	<u>50</u>	<u>Halliburton</u>		
<u>7" OD</u>	<u>2594</u>	<u>100 Sx Cement</u>	<u>100 Sx Mud</u>		<u>Filled hole to top with mud outside 7" casing</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 0 feet to 2618 feet, and from _____ feet to _____ feet

DATES

August 31, 1941 Put to producing August 28, 1941
 The production for the first 20 Barrels per hour was 20 barrels of fluid of which 100 % 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

Harold R. Martin 40 Driller H. R. ... 40 Driller
Fred A. Bond 228 Driller Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
<u>0</u>	<u>20</u>	<u>20</u>	<u>Sandy shale- Red</u>
<u>20</u>	<u>50</u>	<u>30</u>	<u>Red Shale</u>
<u>50</u>	<u>70</u>	<u>20</u>	<u>red rock</u>
<u>70</u>	<u>80</u>	<u>10</u>	<u>Gravel- (Water)</u>
<u>80</u>	<u>110</u>	<u>30</u>	<u>Red sandy shale</u>
<u>110</u>	<u>175</u>	<u>65</u>	<u>" "</u>
<u>175</u>	<u>225</u>	<u>50</u>	<u>Sand- Red Rock</u>
<u>225</u>	<u>240</u>	<u>15</u>	<u>Sandy Shale</u>
<u>240</u>	<u>255</u>	<u>15</u>	<u>Red Rock</u>
<u>255</u>	<u>300</u>	<u>45</u>	<u>Red sandy shale</u>
<u>300</u>	<u>320</u>	<u>20</u>	<u>Red Rock</u>
<u>320</u>	<u>350</u>	<u>30</u>	<u>Sandy shale</u>
<u>350</u>	<u>375</u>	<u>25</u>	<u>Red Shale</u>
<u>375</u>	<u>515</u>	<u>140</u>	<u>Red Rock</u>
<u>515</u>	<u>540</u>	<u>25</u>	<u>Red shale</u>
<u>540</u>	<u>635</u>	<u>95</u>	<u>Red Rock</u>
<u>635</u>	<u>822</u>	<u>187</u>	<u>Red shale</u>
<u>822</u>	<u>905</u>	<u>143</u>	<u>Anhydrite</u>
<u>905</u>	<u>1010</u>	<u>45</u>	<u>Salt</u>
<u>1010</u>	<u>1032</u>	<u>22</u>	<u>Anhydrite</u>
<u>1032</u>	<u>1035</u>	<u>3</u>	<u>Red shale</u>
<u>1035</u>	<u>1075</u>	<u>40</u>	<u>Anhydrite</u>

