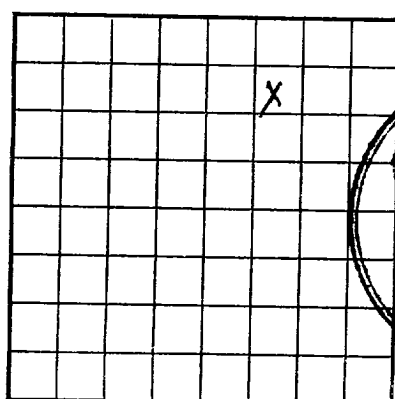


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078596-A**
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Delhi Oil Corporation Address Corrigan Tower Dallas, Texas
Lessor or Tract Vandervart Field Blanco State New Mexico
Well No. 4-A Sec. 13 T. 29N R. 8W Meridian N.M.P.M. County San Juan
Location 790 ft. N. of N. Line and 1550 ft. E. of E. Line of Section 13 Elevation 6336
(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 [Signature]
Title Petroleum EngineerDate May 13, 1953

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

Commenced drilling March 22, 1953 Finished drilling April 15, 1953OIL OR GAS SANDS OR ZONES
(Denote gas by G)No. 1, from 3047 to 3116 (G) No. 4, from _____ to _____
No. 2, from 4690 to 4848 (G) No. 5, from _____ to _____
No. 3, from 5220 to 5352 (G) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ 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>9 5/8</u>	<u>25.4</u>	<u>S. W.</u>	<u>ARMCO</u>	<u>161'</u>	<u>ARMCO</u>				<u>Surface</u>
<u>7"</u>	<u>23</u>	<u>8 R</u>	<u>Spang</u>	<u>4628</u>	<u>BAKER</u>				<u>Prod.</u>
<u>2"</u>	<u>4.7</u>	<u>8 R</u>	<u>Youngst.</u>	<u>5460</u>					<u>Prod. Tbg.</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9 5/8</u>	<u>172</u>	<u>105</u>	<u>Circulated</u>		
<u>7"</u>	<u>4638</u>	<u>300</u>	<u>Sing. Stage</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>quart</u>	<u>Regular</u>	<u>S.N.G.</u>	<u>1400</u>	<u>4-15-53</u>	<u>4776-5486</u>	<u>5486'</u>

TOOLS USED

Rotary tools were used from 0 feet to 4638 feet, and from 4638 feet to 5486 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 1953 Put to producing _____, 19____
April 17
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 4,260,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1070

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>700</u>	<u>700</u>	<u>Tan cr-grn ss w/thin sh breaks.</u>
<u>700</u>	<u>1555</u>	<u>855</u>	<u>Variegated sh w/thin ss breaks.</u>
<u>1555</u>	<u>2045</u>	<u>490</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>2045</u>	<u>2205</u>	<u>160</u>	<u>Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 2045.</u>
<u>2205</u>	<u>2745</u>	<u>540</u>	<u>Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 2205.</u>
<u>2745</u>	<u>3047</u>	<u>302</u>	<u>Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 2745.</u>
<u>3047</u>	<u>3116</u>	<u>69</u>	<u>Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 3047.</u>
<u>3116</u>	<u>4690</u>	<u>1574</u>	<u>Lewis formation. Gry to wh dense sh w/silty to shaly ss breaks. Top Lewis 3116.</u>
<u>4690</u>	<u>4848</u>	<u>158</u>	<u>Cliff House ss. Gry, fine-grn, dense sil ss. Top of Cliff House 4690.</u>
<u>4848</u>	<u>5220</u>	<u>472</u>	<u>Manefee formation. Gry, fine-grn s, carb sh and coal. Top Manefee 4848.</u>
<u>5220</u>	<u>5352</u>	<u>132</u>	<u>Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks. Top Point Lookout 5220.</u>
<u>5352</u>	<u>5486</u>	<u>134</u>	<u>Mancos formation. Gry carb sh. Top Mancos 5352.</u>

