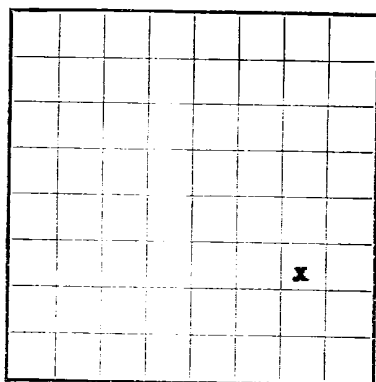
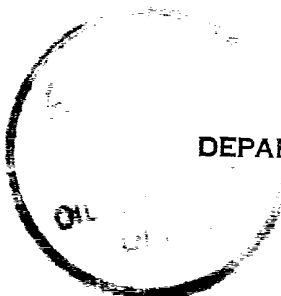


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080117
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company J. Dean Turner Address P.O. Box 720 - Farmington, New Mexico
Lessor or Tract Imperialito Unit Field Fulcher Kutz Ext. State New Mexico
Well No. 40-27 Sec. 27 T. 27-NR. 9-W Meridian N.M.P.M. County San Juan
Location 1585 ft. N. of 3 Line and 945 ft. E. of E. Line of Sec. 27 Elevation 6392
EX EX (Derrick foot 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 C. Deeson NealDate April 4, 1956 C. Deeson Neal, Secretary-Treasurer

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

Commenced drilling Jan. 9, 1956, 19____ Finished drilling March 17, 1956, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2246 to 2270 ("G") No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ 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>8-5/8"</u>	<u>24</u>	<u>8 pt. thd.</u>	<u>J-55</u>	<u>89</u>	<u>None</u>				<u>Surface</u>
<u>5-1/2"</u>	<u>22.5</u>	<u>"</u>	<u>J-55</u>	<u>2238</u>	<u>Halliburton</u>				<u>Long string</u>
<u>1 1/2"</u>	<u>14</u>	<u>"</u>	<u>Dev</u>	<u>2252</u>	<u>None</u>				<u>Production</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>97'</u>	<u>70</u>	<u>Halliburton</u>	<u>Mostly water</u>	
<u>5-1/2"</u>	<u>2246'</u>	<u>100</u>	<u>Halliburton</u>	<u>Mostly water</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>3/17/56</u>	<u>Sand oil treated from 2246' to 2270' with 14,100 gallons diesel oil and 15,000# sand. Flushed with 2,300 gallons diesel. Used 15 gal. Hi-flow. Breakdown 1300#. Injection 39.1 barrels per minute.</u>					

TOOLS USED

Rotary tools were used from 97 feet to 2252 feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 97 feet, and from 2252 feet to 2270 feet

DATES

Potential test made March 25, 1956, 19____ Put to producing Shut in for potential test March 18, 1956, 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 1,014 MCF/Day Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 622

EMPLOYEES

Imperialito Drilling Co., Inc., Driller _____
_____, Driller _____Well is shut in awaiting pipe line connection.

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>Surface</u>	<u>2179</u>	<u>2179</u>	<u>Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations.</u>
<u>2179</u>	<u>2184</u>	<u>5</u>	<u>Coal</u>
<u>2184</u>	<u>2197</u>	<u>13</u>	<u>Shale</u>
<u>2197</u>	<u>2200</u>	<u>3</u>	<u>Coal</u>
<u>2200</u>	<u>2241</u>	<u>41</u>	<u>Shale</u>
<u>2241</u>	<u>2246</u>	<u>5</u>	<u>Coal</u>
<u>2246</u>	<u>2270</u>	<u>24</u>	<u>Sand</u>
			<u>Top of Pictured Cliffs 2246'</u>

[OVER]

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]

FORMATION RECORD—Continued