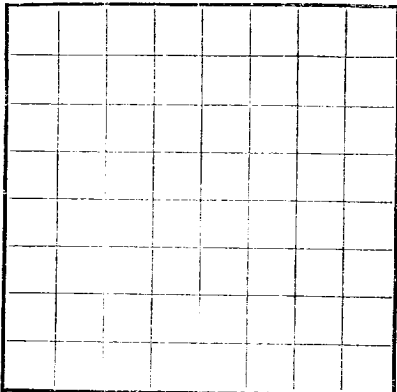


Form 9-330

U. S. LAND OFFICE New Mexico
SERIAL NUMBER NM 04465
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company J. E. Palmer & A. G. McCarver Address 1004 V. A. J. Tower, Midland, Texas
Lessor or Tract Federal-James Field Legg State New Mexico
Well No. 2 Sec. 35 T. 23S R. 32E Meridian NMPM County Lea
Location 660 ft. N of R. Line and 1980 ft. E of W. Line of Sec. 35 Elevation 3458.4 GL
(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 _____ Title Drilling Superintendent
Date April 26, 1961

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

Commenced drilling March 2, 1961 Finished drilling March 16, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5033 to 5069 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>8rd</u>	<u>Nat'l</u>	<u>322'</u>	<u>Baker</u>				
<u>4-1/2</u>	<u>9.5</u>	<u>8rd</u>	<u>Nat'l</u>	<u>5134</u>	<u>Baker</u>		<u>5131</u>	<u>5136</u>	<u>Oil</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>823</u>	<u>200</u>	<u>Pump Truck</u>		
<u>4-1/2</u>	<u>5134</u>	<u>200</u>	<u>Pump truck</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 4 feet to 5145 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing April 6, 1961

The production for the first 24 hours was 67 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. 41.5

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. J. Richardson, Driller _____ A. Ussery, Driller
John Evans, Driller _____ _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1200</u>	<u>1200</u>	<u>Surface gravels, clays and sands</u>
<u>1200</u>	<u>3600</u>	<u>2400</u>	<u>Anhydrite and red beds</u>
<u>3600</u>	<u>4170</u>	<u>570</u>	<u>Anhydrite</u>
<u>4170</u>	<u>4370</u>	<u>200</u>	<u>Salt</u>
<u>4370</u>	<u>4470</u>	<u>100</u>	<u>Salt</u>
<u>4470</u>	<u>4760</u>	<u>290</u>	<u>Anhydrite</u>
<u>4760</u>	<u>5005</u>	<u>245</u>	<u>Anhydrite and lime</u>
<u>5005</u>	<u>5060</u>	<u>55</u>	<u>Gr. Sandy shale</u>
<u>5060</u>	<u>5200</u>	<u>140</u>	<u>Gr. sand w/some shale streaks</u>
<u>GEOLOGIC TOPS</u>			
<u>1220'</u>			<u>Rustler</u>
<u>4162</u>			<u>Top of salt</u>
<u>4759</u>			<u>Base of salt</u>
<u>5005</u>			<u>Lamar Lime</u>
<u>5060</u>			<u>Delaware sand</u>

HISTORY OF OIL OR GAS WELL