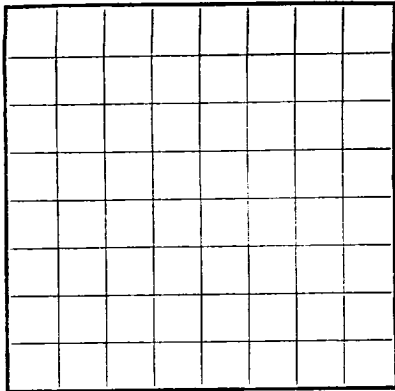


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM 081310
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company DOB Oil Properties, Inc. Address Box 953, Midland, Texas
Lessor or Tract Federal A Field Square Lake State New Mexico
Well No. 3 Sec. 21 T 16S R. 31E Meridian NMPM County Eddy
Location 660 ft. N. of S Line and 660 ft. E. of W Line of Sec. 21 Elevation _____
(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 E. J. Smith

Date January 17, 1962 Title Agent

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

Commenced drilling 11-10, 1961 Finished drilling 11-24, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3578 to 3584 No. 4, from _____ to _____
No. 2, from 3590 to 3600 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None 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>21</u>	<u>8</u>	<u>J-55</u>	<u>359</u>	<u>Tool Pattern</u>				<u>Surface</u>
<u>4-1/2</u>	<u>11.60</u>	<u>8</u>	<u>J-55</u>	<u>3615</u>	<u>Linkin</u>		<u>3593</u>	<u>3597</u>	<u>Oil string</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>359</u>	<u>250</u>	<u>Pump & Plug</u>		<u>Cement circulated</u>
<u>4-1/2</u>	<u>3615</u>	<u>100</u>	<u>" " "</u>	<u>10.8</u>	<u>Hole Full</u>
		<u>60 sack cement plug @ 600 feet</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 0 feet to 3615 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing 1-15, 1962

The production for the first 24 hours was 35.3 barrels of fluid of which 51.84% was oil; _____% emulsion; 48.16% 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

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION	
<u>0</u>	<u>250</u>	<u>250</u>	<u>Surface sand & caliche</u>	
<u>250</u>	<u>1050</u>	<u>800</u>	<u>Red bed</u>	<u>Top Anhy 585</u>
<u>1050</u>	<u>2150</u>	<u>1100</u>	<u>Anhy, gyp, salt</u>	<u>Top Salt 690</u>
<u>2150</u>	<u>3000</u>	<u>850</u>	<u>Anhy</u>	<u>Base Salt 1710</u>
<u>3000</u>	<u>3360</u>	<u>360</u>	<u>Lime</u>	<u>Top Yates 1870</u>
<u>3360</u>	<u>3425</u>	<u>65</u>	<u>Shale & sand</u>	<u>Top 7 Rivers --</u>
<u>3425</u>	<u>3540</u>	<u>115</u>	<u>Dol</u>	<u>Top Queen 2750</u>
<u>3540</u>	<u>3578</u>	<u>38</u>	<u>Dol & sand</u>	<u>Top Grayburg 3160</u>
<u>3578</u>	<u>3615</u>	<u>37</u>	<u>Lime & sand</u>	<u>Top San Andres 3463</u>

