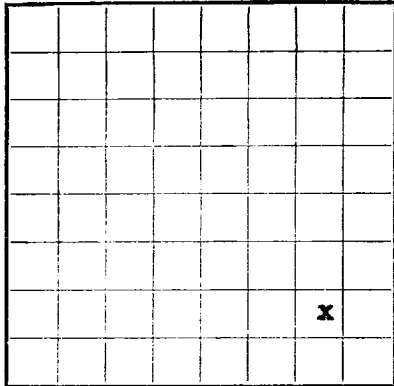


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079177
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Frank A. Schultz Address Box 728 - Farmington, New Mexico
Lessor or Tract Canyon Largo Unit Field Canyon Largo State New Mexico
Well No. 3-23 Sec. 23 T. 25-N R. 6-W Meridian N.M.P.M. County Rio Arriba
Location 900 ft. (N.) of S Line and 1100 ft. (E.) of E Line of Sec. 23 Elevation 6,652
(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.

Date July 8, 1957 Signed E. Beeson Neal Title Agent in Farmington

The summary on this page is for the condition of the well at above date.
Commenced drilling April 29, 1957, 19____ Finished drilling June 5, 1957, 19____

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

No. 1, from 2,597 to 2,714 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>32</u>	<u>8 rd. thd.</u>	<u>New</u>	<u>94'</u>	<u>None</u>				<u>Surface</u>
<u>5-1/2"</u>	<u>15.5</u>	<u>8 rd. thd.</u>	<u>Halliburton</u>	<u>2,717'</u>	<u>Ball</u>		<u>2590</u>	<u>2610</u>	<u>Long string</u>
<u>2-1/4"</u>	<u>10</u>	<u>8 rd. thd.</u>	<u>New</u>	<u>2,608</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>102'</u>	<u>70</u>	<u>Balliburton</u>	<u>Mostly water</u>	
<u>5-1/2"</u>	<u>2,713'</u>	<u>100</u>	<u>Balliburton</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>On 6/7/57 - after plugging back to 2,632' - perforated as above - and sand fraced with 19,000 gallons water and 20,000# sand. Flushed with 3,000 gallons water. Breakdown pressure 2900#. Treating 1200#. Average injection 43.4 barrels per minute.</u>						

TOOLS USED

Rotary tools were used from 104 feet to 2,714 feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 104 feet, and for completion feet to _____ feet

DATES

Potential test taken June 28, 1957, 19____ Put to producing Shut in for potential test June 8, 1957, 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 980 MCF/Day Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 851 Well is shut in - awaiting pipe line connection.

EMPLOYEES

Benson-Montin-Greer Drilling Corp. Driller _____, Driller _____
Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>Surface</u>	<u>2,515</u>	<u>2,515</u>	<u>Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations.</u>
<u>2,515</u>	<u>2,520</u>	<u>5</u>	<u>Coal</u>
<u>2,520</u>	<u>2,556</u>	<u>36</u>	<u>Shale</u>
<u>2,556</u>	<u>2,560</u>	<u>4</u>	<u>Coal</u>
<u>2,560</u>	<u>2,584</u>	<u>24</u>	<u>Shale</u>
<u>2,584</u>	<u>2,589</u>	<u>5</u>	<u>Coal</u>
<u>2,589</u>	<u>2,597</u>	<u>8</u>	<u>Shale</u>
<u>2,597</u>	<u>2,714</u>	<u>117</u>	<u>Sand (Top of Pictured Cliffs - 2,597')</u>

