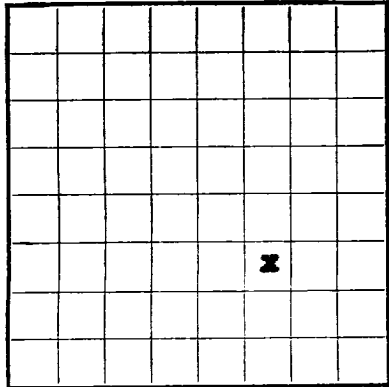


Form 9-330



LOCATE WELL CORRECTLY



U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079456
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Frank A. Schultz Address P. O. Box 728 - Farmington, N.M.
Lessor or Tract Hill Field P. C. Hill State New Mexico
Well No. 3 Sec. 20 T. 24-N R. 3-W Meridian N.M.P.M. County Rio Arriba
Location 1870 ft. N. of 2 Line and 1650 ft. W. of 2 Line of 20 Elevation 6,922
(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 C. Hanson Neal
Date August 29, 1958 Title C. Hanson Neal, Agent in Farmington

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

Commenced drilling May 10, 1958, 19 Finished drilling June 8, 1958, 19

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

No. 1, from 2,979 to 3,016 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>26</u>	<u>8</u>	<u>3</u>	<u>92'</u>	<u>None</u>	<u>Surface</u>	<u>2,979</u>	<u>3,016</u>	<u>Surface</u>
<u>5-1/2"</u>	<u>26</u>	<u>8</u>	<u>3</u>	<u>100'</u>	<u>None</u>	<u>Surface</u>	<u>3,016</u>	<u>3,047</u>	<u>Open Spring</u>
<u>1-1/2"</u>	<u>26</u>	<u>8</u>	<u>3</u>	<u>100'</u>	<u>None</u>	<u>Surface</u>	<u>3,047</u>	<u>3,047</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>101'</u>	<u>80</u>	<u>Halliburton</u>	<u>Mostly water</u>	
<u>5-1/2"</u>	<u>3046'</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>On 6/3/58 sand fraced with 27,000 gallons water, 26,000 sand. Flushed with 3,000 gallons water. Breakdown pressure 1500#. Average injection 59.3 b.p.m. Dropped 75 rubber balls during WAG treatment.</u>						

TOOLS USED

Rotary tools were used from 101 feet to 3,047 feet, and from _____ feet to _____ feet
Cable tools were used from Surface feet to 101 feet, and from to complete feet to _____ feet

DATES

Potential test taken August 12, 1958, 19 Put to producing June 8, 1958, 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 1,198,000 (ACT) Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 90

EMPLOYEES

E. Hanson-Martin-Cover Drig., Driller _____, Driller
Corporation, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>Surface</u>	<u>2,864</u>	<u>2,864</u>	<u>Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations</u>
<u>2,864</u>	<u>2,870</u>	<u>6</u>	<u>Coal</u>
<u>2,870</u>	<u>2,876</u>	<u>6</u>	<u>Shale</u>
<u>2,876</u>	<u>2,886</u>	<u>10</u>	<u>Coal</u>
<u>2,886</u>	<u>2,906</u>	<u>20</u>	<u>Shale</u>
<u>2,906</u>	<u>2,910</u>	<u>4</u>	<u>Coal</u>
<u>2,910</u>	<u>2,930</u>	<u>20</u>	<u>Shale</u>
<u>2,930</u>	<u>2,932</u>	<u>2</u>	<u>Coal</u>
<u>2,932</u>	<u>2,979</u>	<u>47</u>	<u>Shale</u>
<u>2,979</u>	<u>3,016</u>	<u>37</u>	<u>Sand (Top of Pictured Cliffs at 2,979')</u>
<u>3,016</u>	<u>3,047</u>	<u>31</u>	<u>Shale</u>

LEG. 1

JO

1 1/2 FEET

1/2

(OVER)

10-43094-4

FORMATION RECORD—CONTINUED

