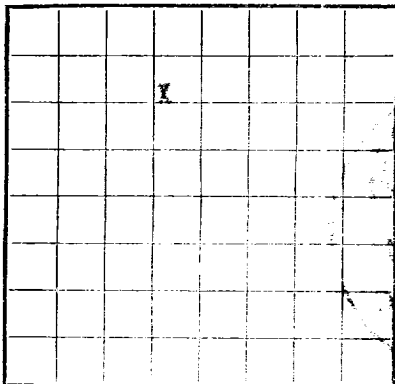


U. S. LAND OFFICE New Mexico
SERIAL NUMBER NM 04443
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company an American Petroleum Corporation Address P. O. Box 427, Farmington, New Mexico
Lessor or Tract Hoover 123 Field Horseshoe Gallup State New Mexico
Well No. 1 Sec. 15 T. 30N R. 10W Meridian N. 100.00' County San Juan
Location 220 ft. N. of 1 Line and 2170 ft. E. of 1 Line of section 15 Elevation 5441 ft. (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

R. M. Bauer, Jr.

Date May 5, 1960

Title

area engineer

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

Commenced drilling April 17, 1960 Finished drilling April 22, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1539 to 1559 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>5-8"</u>	<u>22.7</u>	<u>8</u>	<u>Union</u>	<u>1014</u>	<u>Ball</u>	<u>1539</u>			<u>Prep</u>
<u>5-1 1/2"</u>	<u>14</u>	<u>8</u>	<u>J-55</u>	<u>1745</u>	<u>Ball</u>	<u>1559</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>5-8"</u>	<u>93'</u>	<u>20</u> sacks of cement	<u>Halliburton 1</u>	<u>Plug</u>	
<u>5-1 1/2"</u>	<u>1743'</u>	<u>130</u> sacks of cement	<u>Halliburton 1</u>	<u>Plug</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 1747 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Completed as pumping oil well
Horseshoe Gallup field

DATES

1st new oil produced

May 3, 1960Put to producing May 1, 1960

The production for the first 24 hours was 164 barrels of fluid of which 99.6 % was oil; _____ % emulsion; _____ % water; and .2 % sediment. Gravity, °Bé. 41.6

Pumping oil well 15-48" strokes per minute with 1-1 1/2" pump.
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

W. Old, Driller C. H. Hall, DrillerW. Wiley, Driller A. J. Lee, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>175</u>	<u>175</u>	<u>Surface sands and shales.</u>
<u>175</u>	<u>1200</u>	<u>1105</u>	<u>Mantos shale.</u>
<u>1200</u>	<u>1400</u>	<u>175</u>	<u>Jerse Gallup sands and shales.</u>
<u>1400</u>	<u>1610</u>	<u>162</u>	<u>Upper Gallup sands and shales.</u>
<u>1610</u>	<u>1747</u>	<u>137</u>	<u>Lower Gallup sands and shales.</u>

(Top from . Log)

