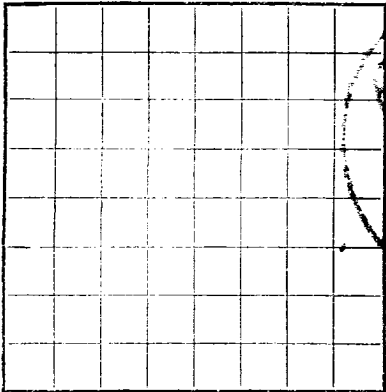




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT 11-20-60-731

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Atlantic Refining Co. Address Box 521, Lasper, Wyoming
Lessor or Tract Tribal (Navajo) Field Horseshoe Gallup State New Mexico
Well No. 42 Sec. 32 T. 11N R. 16E Meridian 21W County San Juan
Location 1980 ft. N. of 5 Line and 131 ft. E. of 1 Line of Sec. 32 Elevation 5338.6
(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 _____

Date 4-23-59 Title District Clerk

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

Commenced drilling 4-18-59, 19____ Finished drilling 4-22-59, 19____

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

No. 1, from 1107 to 1121 No. 4, from _____ to _____
No. 2, from 1129 to 1146 No. 5, from _____ to _____
No. 3, from 1233 to 1241 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>24.1</u>	<u>4</u>	<u>Mc</u>	<u>1107-1121</u>	<u>Mc</u>	<u>1107-1121</u>	<u>1107</u>	<u>1121</u>	<u>Surface</u>
<u>1 1/2</u>	<u>8.3</u>	<u>4</u>	<u>National</u>	<u>1233-1241</u>	<u>Mc</u>	<u>1233-1241</u>	<u>1233</u>	<u>1241</u>	<u>Oil string</u>
						<u>2 joints/ft.</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>103.85</u>	<u>115</u>	<u>pump-plug</u>	<u>8.5</u>	
<u>1 1/2</u>	<u>1307.48</u>	<u>120</u>	<u>pump-plug</u>	<u>8.5</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 1312 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

4-23-59, 19____ Put to producing 4-26-59, 19____
The production for the first 2 hours was 18.00 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Flow test Gravity, °Bé. 41.0

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>1074</u> <u>1267</u>	<u>1074</u> <u>1267</u>		<u>Mancos</u> <u>Gallup</u> <u>Juana Lopez</u>
<u>First Fracture Treatment</u>			
<u>Treated perforations 1233-1241 with 20,000# 10/20 sand and 7434 gallons lease crude. Average treating pressure 1500# at 36 1/2%.</u>			
<u>Second Fracture Treatment</u>			
<u>Treated perforations 1107-1121 and 1129-1146 with 20,000# 10/20 sand in 5,712 gallons lease crude. Average treating pressure 1300# at 34 1/2%.</u>			

