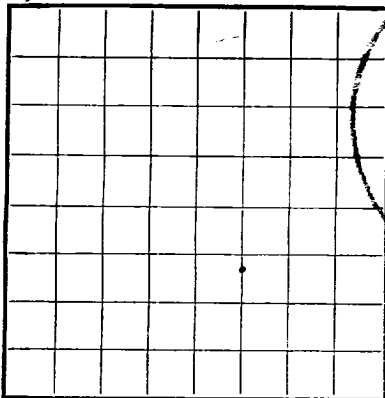
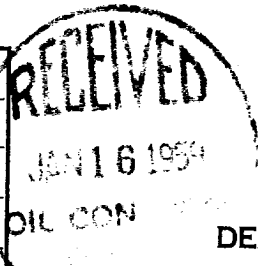




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

14-20-603-714

VED

UNITED STATES

DEPARTMENT OF THE INTERIOR JAN 10 1959

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Atlantic Refining Co. Address Box 520, Casper, Wyoming
Lessor or Tract Tribal (Navajo) Field Horseshoe Gallup State New Mexico
Well No. 28 Sec. 11 T. 11N R. 16W Meridian N72W County San Juan
Location 1969 ft. N. of 3 Line and 1980 ft. E. of E Line of Sec. 11 Elevation 5162 OL
Derrick floor relative to Surface

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 1-13-59 Title District Clerk

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

Commenced drilling 1-1-59, 19____ Finished drilling 1-6-59, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1168 to 1184 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>1 1/2</u>	<u>11.2</u>	<u>8</u>	<u>McWILL</u>	<u>06-02</u>	<u>Button</u>	<u>1000/ft</u>	<u>1168</u>	<u>1184</u>	<u>Surface 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>2-28</u>	<u>15</u>	<u>pump-plug</u>	<u>9.0</u>	
<u>6 1/2</u>	<u>108.8</u>	<u>150</u>	<u>pump-plug</u>	<u>9.0</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 _____ feet to _____ feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing 1-12-59, 19____

The production for the first 24 hours was _____ barrels of fluid, of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. 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>1125</u>		<u>Mancos</u>
<u>1125</u>	<u>1301</u>		<u>Gallup</u>
<u>1301</u>			<u>Juana Lopez</u>

Treated perforations 1168-1184 with 20,000# 10/20 sand and 15,120 gals lease crude.
Average treating pressure 1500# at 31BPM

