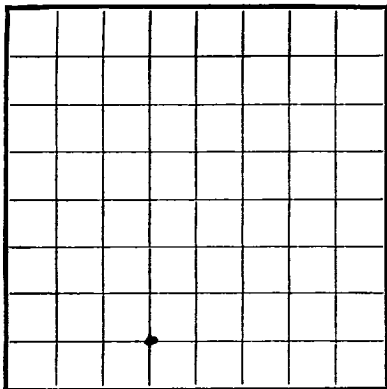
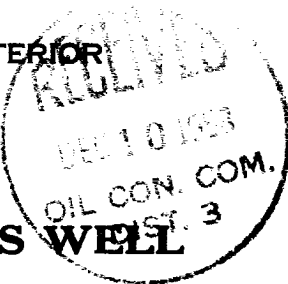




LOCATE WELL CORRECTLY

U. S. LAND OFFICE San Juan
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____
14-80-603-734UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Atlantic Refining Co. Address Box 520, Casper, Wyoming
Lessor or Tract Tribe (Navajo) Field Horseshoe Gallup State New Mexico
Well No. _____ Sec. 29 T. 11N R. 10E Meridian N74W County San Juan
Location 11 ft. N of 3 Line and 1980 ft. E of 3 Line of Sec. 29 Elevation 5399 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 _____

Date 11-3-58 Title District Clerk

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

Commenced drilling 11-21-58, 19____ Finished drilling 11-24-58, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1156 to 1189 No. 4, from _____ to _____
No. 2, from 1283 to 1300 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>101.77</u>	<u>115</u>	<u>115</u>	<u>115</u>	<u>115</u>	<u>115</u>	<u>115</u>	<u>115</u>	<u>Surface</u>
<u>5 1/2</u>	<u>100.15</u>	<u>130</u>	<u>130</u>	<u>130</u>	<u>130</u>	<u>130</u>	<u>130</u>	<u>130</u>	<u>130</u>
HISTORY OF OIL OR GAS WELL									

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>101.77</u>	<u>115</u>	<u>pump-plug</u>	<u>9.0</u>	
<u>5 1/2</u>	<u>100.15</u>	<u>130</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 11-29-, 19____ 58

The production for the first 24 hours was _____% oil; _____% water; and _____% sediment. Gravity, °Bé. _____

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

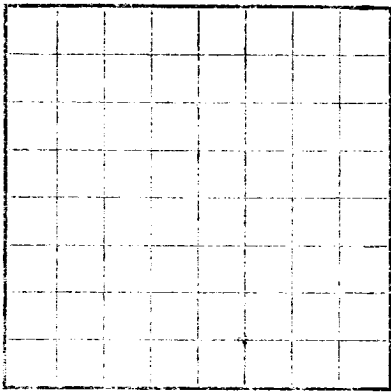
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1126</u>		<u>Mancos</u>
<u>1126</u>	<u>1307</u>		<u>Gallup</u>
<u>1307</u>			<u>Junco Lopez</u>
First Fracture Treatment			
Treated perforations 1285-1295 with 12,000# 10/20 sand and 10,900 gals lease crude. Average treating pressure 1000# at 37 BPM.			
Second Fracture Treatment			
Treated perforations 1157-1190 with 12,000# 10/20 sand and 12,600 gals lease crude. Average treating pressure 1200# at 37.6BPM.			

[OVER]

16-43094-4

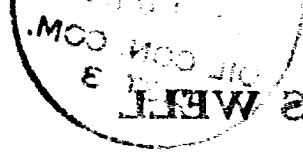


LOCATE WELL CORRECTLY

Revised Bureau No. 12-18354
Approval expires 12-31-60

U.S. Land Office
Serial Number
Please or Permit to Prospect

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company
Lessor or Trust
Well No.
Location
The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.

State
The summary on this page is for the condition of the well at above date.
Commenced drilling
Finished drilling

OIL OR GAS SANDS OR ZONES

No. 1, from
No. 2, from
No. 3, from

IMPORTANT WATER SANDS

No. 1, from
No. 2, from

CASING RECORD

Casing	Weight per foot	Thickness per inch	Grade	Amount	Kind of shoe	Cut and joint from	Reamed	To	From	Purpose

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reaming, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was checked, or left in the well, give its size and location. If the well has been dynamited, give date, size, depth, and number of shots. If plugs or bridges were put in to test for water, state kind and material used, position, and results of pumping or setting of shoe.

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD

Casing	Weight per foot	Thickness per inch	Grade	Amount	Kind of shoe	Cut and joint from	Reamed	To	From	Purpose

PLUGS AND ADAPTERS

Plugs—Material
Adapters—Material

SHOOTING RECORD

Size	Shots used	Explosive used	Quantity	Mass	Depth shot	Depth cleared out

TOOLS USED

Cable tools were used from
Rod tools were used from

DATES

The production for the first 24 hours was
It was well, on ft. per 24 hours
Rock pressure, lbs. per sq. in.

EMPLOYEES

Driller
Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION

Notes
Remarks