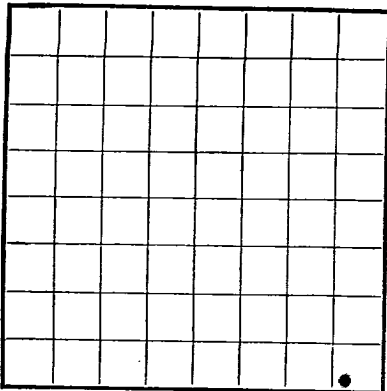




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE Santa Fe
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT 14-20-603-734

LOG OF OIL OR GAS WELL

Company The Atlantic Refining Co. Address Box 520, Casper, Wyoming
Lessor or Tract Tribeal (Navajo) Field Ho-neshoe Gallup State New Mexico
Well No. 21 Sec. 29 T. 11N R. 16W Meridian NMPM County San Juan
Location 550 ft. S. of 5 Line and 117 ft. E. of E Line of Sec. 29 Elevation 5597.6 OL
(Derrick floor relative)

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.P. Curry

Date 1-29-59 Title District Clerk
The summary on this page is for the condition of the well at above date.

Commenced drilling 1-16, 1959 Finished drilling 1-20, 1959
OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1102 to 1126 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>102.25</u>	<u>115</u>	<u>pump-plug</u>	<u>9.1</u>			<u>1102</u>	<u>1126</u>	<u>Surface</u>
<u>1 7/8</u>	<u>153.83</u>	<u>160</u>	<u>pump-plug</u>	<u>9.1</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>8 5/8</u>	<u>102.25</u>	<u>115</u>	<u>pump-plug</u>	<u>9.1</u>	
<u>1 7/8</u>	<u>153.83</u>	<u>160</u>	<u>pump-plug</u>	<u>9.1</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 0 feet to 1573 feet, and from _____ feet to _____ feet

DATES

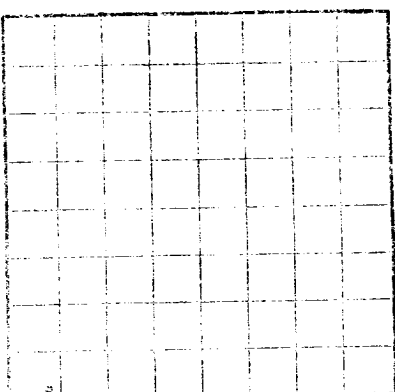
_____, 19____ Put to producing _____, 1959
The production for the first 24 hours was _____ barrels of fluid of which 1-28 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. 60.20 Gravity, °Bé. 100
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas 41.0
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

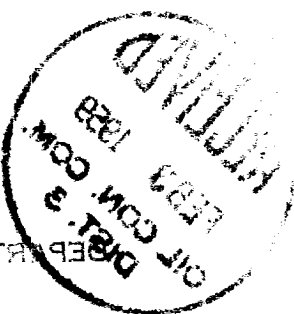
_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1370</u>		<u>Mancos</u>
<u>1370</u>	<u>1549</u>		<u>Gallup</u>
<u>1549</u>			<u>Juana Lopez</u>
Treated perforations <u>1102-1126</u> with <u>20,000# 10/20 sand</u> and <u>40,000# sand</u> in <u>26,200</u> gallons lease crude. Average treating pressure <u>1700#</u> at <u>1400PM</u> .			



LOCATE WELL CORRECTLY



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 so far as can be determined from all available records signed _____

Date _____
The summary on this page is for the condition of the well at the time _____

Commenced drilling _____
OIL OR GAS SAVES OR COMES _____
(Signed and sealed)

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER BANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

CASING RECORD

Casing per foot	Weight per foot	Thickness inches	Material	Kind of pipe	Oil and gas found

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

HISTORY OF OIL OR GAS WELL

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

MUDLOGGING AND CEMENTING RECORD

Mud logs	Water logs	Amount of cement	Water logs	Notes

SHOOTING RECORD

Date	Shot used	Depth in feet	Remarks

TOOLS USED

Rotary tools were used from _____ to _____
Cable tools were used from _____ to _____
Pipes

EMPLOYEES

Position	Name

FORMATION RECORD

FORMATION	THICKNESS	REMARKS

TOTAL FEET

FORMATION