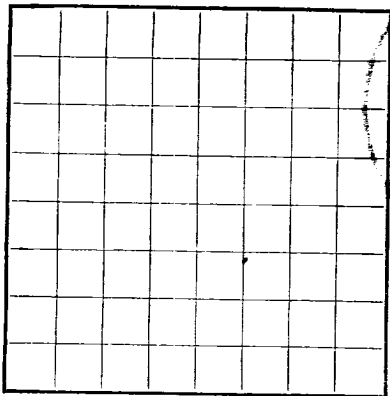




LOCATE WELL CORRECTLY

U. S. LAND OFFICE _____
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

OCT 6 1958
U. S. GEOLOGICAL SURVEY
SARASOTA FLORIDA

LOG OF OIL OR GAS WELL

Company The Atlantic Refining Company Address Box 520, Casper, Wyoming
Lessor or Tract Tribal (Navajo) Field Horseshoe-Gallup State New Mexico
Well No. 2 Sec. 32 T. 34N R. 16W Meridian N County San Juan
Location 1930 ft. N of 5 Line and 1980 ft. E of 5 Line of Section 32 Elevation 5349.29
(Device 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. P. CurryDate _____ Title District Clerk

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

Commenced drilling 9-18, 1958 Finished drilling 9-25-58, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1094 to 1141 No. 4, from _____ to _____
No. 2, from 1198 to 1247 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>247</u>	<u>8rd</u>	<u>Big Mill 96.33'</u>	<u>Larkin</u>					<u>surface</u>
<u>5 1/2</u>	<u>147</u>	<u>8rd</u>	<u>National 1277.05'</u>	<u>Baker</u>			<u>1198</u>	<u>1237</u>	<u>oil string</u>
						<u>4 jts/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>105.03'</u>	<u>115</u>	<u>Pump-plug</u>	<u>8.8</u>	
<u>5 1/2</u>	<u>1285'</u>	<u>108</u>	<u>Pump-plug</u>	<u>8.8</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 1285 feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing 10-2, 1958The production for the first 24 hours was 100% of which 100% 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>1060</u>		<u>Mancos shale</u>
<u>1060</u>	<u>1200</u>		<u>Tecito member</u>
Fracture treatment #1			
Treated perforations <u>1190-1130'</u> with <u>10,000</u> gallons lease crude containing <u>5000# 20/40 sand</u> and <u>5000# 10/20 sand</u> . Flushed with <u>30 bbls. crude</u> . Maximum pressure <u>800#</u> , minimum <u>500#</u> . Average injection rate <u>41.0 BPM</u> .			
Fracture treatment #2			
Treated perforations <u>1198-1237'</u> with <u>8000</u> gallons lease crude containing <u>5000# 20/40 sand</u> and <u>5000# 10/20 sand</u> . Flushed with <u>31 bbls of crude</u> . Maximum pressure <u>600#</u> minimum <u>525#</u> . Average injection rate <u>40.0 BPM</u> .			

U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C.

2001 10 10

RECEIVED

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 its 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 bailing.

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE