

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER _____

LEASE OR PERMIT TO PROSPECT
14-20-60-1950

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

APR 27 1961

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The Atlantic Refining Co. Address Box 520 - Casper, Wyoming
Lessor or Tract UTB Tribal Field Horseshoe-Gallup State New Mexico
Well No. 10 Sec. 35 T. 31N R. 16W Meridian N.M.P.M. County San Juan
Location 1875 ft. N. of 3 Line and 8200 ft. E. of 11 Line of Sec. 35 Elevation 5903 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 4-25-61Title District Superintendent

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

Commenced drilling 4-9, 1961 Finished drilling 4-19, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1410 to 1410 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>26</u>	<u>8</u>	<u>3-1/2</u>	<u>1000</u>	<u>3-1/2</u>	<u>1410</u>	<u>1410</u>	<u>1410</u>	<u>Oil casing</u>
<u>4-1/2</u>	<u>16</u>	<u>8</u>	<u>3-1/2</u>	<u>1000</u>	<u>3-1/2</u>	<u>1410</u>	<u>1410</u>	<u>1410</u>	<u>Oil casing</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>9.5</u>	<u>100</u>	<u>Pump - Plug</u>	<u>9.5</u>	
<u>4-1/2</u>	<u>11.0</u>	<u>135</u>	<u>Pump - Plug</u>	<u>9.5</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 _____ feet to 1510 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 1961 Put to producing _____ 1961

The production for _____ was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 10.0

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>1300</u>	<u>1300</u>		<u>Mudstone</u> <u>Gallup</u>
Note: Treated above section with 200 gals. of mud acid and 50,000# 10/20 sand in 30,575 gals. of lease crude in two stages. Average treating pressure 1st stage = 1000#, 2nd stage = 800#. Average injection rate 1st stage = 12 BPM, 2nd stage = 39 BPM.			

(OVER)

FORMATION RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the date of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state them, 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 dings 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

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