Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT 14-20-603-734

RECEIVED
NOV 20 1958
OIL CON. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
NOV 19 1958
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOCATE WELL CORRECTLY

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. 10 Sec. 30 T. 31N R. 16W Meridian NMPM County San Juan
Location 1980 ft. {N.} of N Line and 660 ft. {E.} of E Line of Sec. 30 Elevation 5485 GL
(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 11-18-58 Title District Clerk

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

Commenced drilling 11-6-58, 19 Finished drilling 11-9-58, 19

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 1231 to 1262 No. 4, from to
No. 2, from 1353 to 1367 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 From—	Perforated To—	Purpose
8 5/8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				Surface
5 1/2	14#	[illegible]	[illegible]	[illegible]	[illegible]		1231	1262	Oil String
							1353	1367	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	107.02	125	pump-plug	8.9	
5 1/2	1416.93	155	pump-plug	8.8	

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 0 feet to 1422 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

11-18, 19 58 Put to producing 11-16, 19 58

The production for the first 24 hours after fracture treatment was 194.88 barrels of fluid of which 100 % was oil; 0 % 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
0	1200		Mancos
1200	1368		Gallup
1368			Juana Lopez

First Fracture Treatment
Treated perforations 1353-1367 with 10,500 gals lease crude and 11,000# 10/20 sand. Average treating pressure 1000# at 37 BPM.

Second Fracture Treatment
Treated perforations 1231-1262 with 10,000 gals lease crude and 12,000# 10/20 sand. Average treating pressure 900# at 36 BPM.

FOLD MARK

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

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.

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

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