Form 9-330

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

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NOV 10 1958
OIL CON. COM.
DIST. 3

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT 14-20-604-1950

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company The Atlantic Refining Co. Address Box 520, Casper, Wyoming
Lessor or Tract Tribal (Ute) Field Wildcat State New Mexico
Well No. 1 Sec. 36 T. 31N R. 16W Meridian NMPM County San Juan
Location 660 ft. {N./S.} of S Line and 660 ft. {E./W.} of W Line of Sec. 36 Elevation 5604.7 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 [illegible]

Date 11-4-58 Title District Superintendent

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

Commenced drilling 10-10-58, 19 Finished drilling 10-22-58, 19

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 1614 to 1660 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 From—	Perforated To—	Purpose
8 5/8	24#	8rd	Big Mill	159.61					Surface
5 1/2	14#	8rd	National	1751.39	Larkin	8 jts/ft.	1614	1622	Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	168.23	150	pump-plug	8.8	
5 1/2	1759	100	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 1777 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

11-4-58, 19 Put to producing 11-1-58, 19

The production for the first 24 hours was 94.00 barrels of fluid of which 100 % was oil; 0 % emulsion; % water; and % sediment. Gravity, °Bé.

After acid treatment 7 pump capacity

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	1584		Mancos
1584			Gallup

Acidized perforations 1614-1622 with 250 gallons MDA Acid. Sand fraced perforations with 5000 gallons crude oil and 5000# 10/20 sand. Average treating pressure 1500#. Final treating pressure 1300#. Average injection rate 27BPM.

FOLD MARK

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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

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.

RECEIVED