4-USGS
1-Reese
1-NWP

1-Soun
1-Beaver Lodge
1-File

Form 9-330

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079046
LEASE OR PERMIT TO PROSPECT

RECEIVED MAR 25 1958 OIL CON. COM. DIST. 3

RECEIVED MAR 24 1958 U. S. GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Val R. Reese & Assoc., Inc. Address 120 So. Commercial, Farmington, N.M.
Lessor or Tract Federal Field Bisti Ext State New Mexico
Well No. 249 Sec. 9 T. 24N R. 10W Meridian NMPM County San Juan
Location 660 ft. {N./S.} of N Line and 660 ft. {E./W.} of E Line of Sec 9 Elevation 6908 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 [signature]
Date March 24, 1958 Title Consulting Engineer

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

Commenced drilling February 17, 1958 Finished drilling March 2, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5292 to 5310 No. 4, from ____ to ____
No. 2, from 5358 to 5368 No. 5, from ____ to ____
No. 3, from ____ to ____ No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from None 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#	8 rd		141.05					Surf
4-½	9.5#	8 rd		5448.07					Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	150	110	Pump Plug		
4½	5456	200	Pump Plug		

FOLD MARK

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 5460 feet, and from ____ feet to ____ feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

____, 19____ Put to producing March 23, 1958

The production for the first 24 hours was 90 barrels of fluid of which 100 % was oil; ____% emulsion; ____% water; and ____% sediment. Gravity, ~~°Bé.~~ 39° API

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
			Formation Tops:
			Pictured Cliffs 1698'
			Mesaverde 2032'
			Pt. Lookout 4120'
			Mancos 4280'
			Gallup 5460'

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.

Perf w/BJ combination 4 shots per foot from 5358-68, 5292-5310, SOF Perfs w/26,000 gal crude, 26,000# 20-40 Ottawa sd. Breakdown 3000# Initial frac 2200#, Average Frac 2400#, Maximum frac 3000#, final frac 2600#, Average Inj rate 26 bbls/min. Job complete 3-12-58.