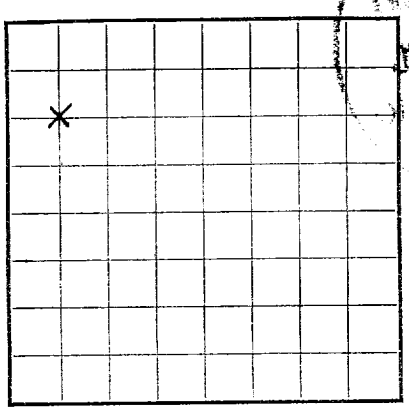
1 SOT
1 File

Form 9-330



LOCATE WELL CORRECTLY

RECEIVED JUN 16 1960 U.S. GEOL. SURV. ROSWELL, N.M.

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

U. S. Land Office Santa Fe
Serial Number SF 078534
Lease or Permit to Prospect

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Val R. Reese & Assoc., Inc. Address Lobby Simms Bldg., Albuquerque, N. M.

Lessor or Tract Mesa Field Undesignated State New Mexico

Well No. 1-25 Sec. 25 T. 24N R. 7W Meridian NMPM County Rio Arriba

Location 990 ft. {N. / S.} of N Line and 660 ft. {E. / W.} of W Line of Section 25 Elevation 6722' DF
(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 June 14, 1960 Title Geologist

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

Commenced drilling May 8, 1960 Finished drilling May 24, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6436 to 6264 (G) No. 4, from to

No. 2, from 5524 to 5274 (G) 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#	8 Rd.	CF&I	187.62	Baker				Surface
5-1/2	15.5#	8 Rd.	CF&I	1060.86	Baker				Production
5-1/2	14.0#	8 Rd.	CF&I	5487.54					Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	197	110 sx	Pump Plug		
5-1/2	6557	350 sx	Pump Plug		

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 6557 feet, and from feet to feet

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

DATES

Completion Date June 5, 1960 Put to producing Shut-in for IP, 19

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

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 2009
			Lewis 2054
			Cliff House 3501
			Menefee 3563
			Point Lookout 4233
			Mancos 4455
			Gallup 5270
			Greenhorn 6172
			Graneros 6223
			Dakota 6260
			Morrison 6548

*This is a preliminary report to notify you that the well is completed and capable of production. The final report will be filed as soon as the official initial potential is taken in approximately one week.

(OVER)

16—43094-4

FOLD

MARK

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.

Ran Gamma Ray correlation log. Perf by Welex 4 super dyna jets per foot 6416-6436', 6392-6400', 6352-6360', 6364-6368', 6286-6292', 6264-6270'. SWF by HOWCO (w/3000 HP); w/47,759 gallons water treated w/850# WG-3 and 60,000# 20-40 sand; 25,000# 10-20 sand, BD 2500#, back to 1900#, Max. T.P. 3500#, Min. 2100#, Avg. 2600#, Final 3500# (sand off). Avg. I.R. 40 BPM Set Guiberson Mag. drillable bridging plug at 6100'. Perf by Welex w/4 super dyna jets per foot 5514-5524, 5502-5506, 5484-5492', 5442-5470'. SWF by HOWCO w/3000 HP, 65,500 gallons water and 70,000# 20-40 sand; 35,000# 10-20 sand, BD 3300# back to 1300#, Max. TP 2000#, Min. 1650#, Avg. 1850#, Final 2000#, Avg. I.R. 50.1 BPM. Set Guiberson Mag. drillable BP at 5430'. Perf by Welex 2 super dyna jets per foot 5338-5350', 5326-5332', 5274-5294', SWF by HOWCO (4000 HP) with 64,436 gallons water and 60,000# 20-40 sand and 20,000# 10-20 sand, BD 2200#, Back to 1900#, Max. TP 2650#, Min. 2350#, Avg. 2400#, Final 2650#, Avg. I.R. 61.4 BPM.