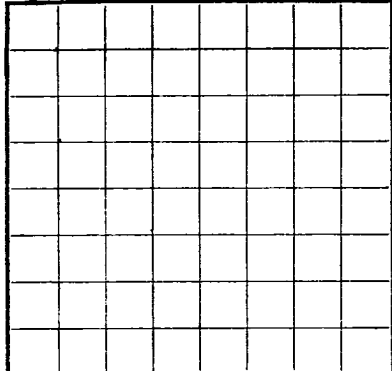


5-USGS
1-Redfern
1-Christman
1-Pan Am
1-S.O.T.

Budget Bureau No. 42-2355.4
Approval expires 12-31-60.

U. S. LAND OFFICE - Santa Fe
SERIAL NUMBER 100-13885
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Redfern & Herd, Inc. Address 1007 North Dustin
Lessor or Tract Maxey Field Basin State New Mexico
Well No. 1 Sec. 24 T. 29N R. 12W Meridian N100W County San Juan
Location 1190 ft. (N) of 24 Line and 1650 ft. (E) of 12W Line of Sec. 24 Elevation 5652 ft. (Derrick base) 5652 ft. (L.L.)

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.
Original signed by T. A. Dugan
Signed

Date Title

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

Commenced drilling 2-21, 1961 Finished drilling 3-19, 1961

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 6208 to 6336 (G)
No. 2, from to
No. 3, from to
No. 4, from to
No. 5, from to
No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to
No. 2, from to
No. 3, 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—	
8-5/8"	19 1/2	8	CP	6468	Guide	6208	6336		Production
4 1/2"	11.669	8	CP	6468	Guide	6208	6336		Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	19 1/2	150 sz	Pump Plug		
4 1/2"	6468	250 sz	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
Sand water frac used total of 116,250 gal wtr. and 90,000# sand. See Summary Notice for detailed report.						

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from 0 feet to 6468 feet, and from feet to feet

DATES

Put to producing , 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. 7,832,000 ACF

2094 EMPLOYEES

John Aspen, Drllg. Supt., Driller
Driller
Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Log Tops
			Pictured Cliffs 1754
			Cliffhouse 3314
			Mancos 4455
			Gallup 5362
			Greenhorn 6104
			Graneros Dakota 6207

