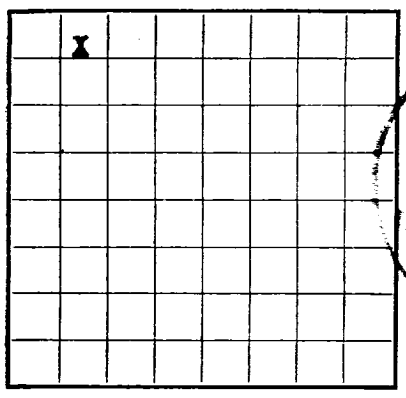
4-USGS
1-Redfern
1-Ohio
1-File

Form 9-330

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

U. S. Land Office Santa Fe
Serial Number NM 020499 A
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 P. O. Box 1747, Midland, Texas
Lessor or Tract Ohio Field Angel Peak State New Mexico
Well No. 1 Sec. 22 T. 28N R. 11W Meridian NMPM County San Juan
Location 790 ft. {N.} of N Line and 1700 ft. {E.} of E Line of Sec 22 Elevation 5628
(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 Original signed by T. A. Dugan

Date May 7, 1960 Title Consulting Engineer

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

Commenced drilling 3-10, 1960 Finished drilling 4-7, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6090 to 6272 G 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#	8R	Lone Star	263.56	Tex Pattern				
4½	11.6&9.5	8R	CF&I	6325	Guide				
2-3/8	4.6	10R	CF&I	6284					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	259	150	Pump-plug		
4½	6318	200 / 100	" "		

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
		See Sundry Notice				

TOOLS USED

Rotary tools were used from surface feet to 6320 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

4-21, 1960 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 6,708,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 2124 Tbg 2099 Csg CAOF 9592 MCF

EMPLOYEES

Century Drlg Co. Cont, Drillmx Troy Rogers Toolpusher, Driller
Jack Thornton Geol, Driller T. A. Dugan Engineer, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Kirtland 584
			Farmington 851
			Fruitland 1382
			Pictured Cliffs 1616
			Cliff House 3121
			Menefee Shale 3288
			Point Lookout 3970
			Mancos Shale 4115
			Greenhorn Lime 5990
			Graneros Shale 6050
			Graneros-Dakota Sand 6090

FOLD MARK

[OVER]

16—48094-4

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.