

1-Redfern
1-Reese
1-Stand of Tex
1-E. B. Germany
1-File

Budget Bureau No. 42-R356.4.
Approval expires 12-31-60.

Santa Fe

U. S. LAND OFFICE 87-078562

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

RECEIVED
FEB 29 1960U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICORECEIVED
MAR 2 1960

OIL CON

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Podfern & Hard Address Box 1747, Midland, Texas
Lessor or Tract Large Spur Field Escrito Ext. State New Mexico
Well No. 2 Sec. 13 T. 24N R. 7W Meridian NMPM County Rio Arriba
Location 1890 ft. N. of 8 Line and 790 ft. E. of 8 Line of Sec 13 Elevation 6609
(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. DuganDate February 25, 1960Title Consulting Engineer

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

Commenced drilling 12-6, 19 59 Finished drilling 12-29, 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5488 to 5504 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		Purpose
							From—	To—	
9-5/8	23.8	13	2-3/8	130	Pump-plug				
5 1/2	36.6	13	2-3/8	250	Pump-plug				
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	238	130	Pump-plug		
5 1/2	366	250	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
Perf 5488-5504	Fracs w/23,816 gal crude	20,000#	30-40 ad.			
Ave IF 30 B/H	Breakdown press 3500	Ave frac press 2500				

TOOLS USED

Rotary tools were used from surface feet to 6561 feet, and from _____ feet to _____ feet

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

DATES

_____ 19 60 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 6942000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1547 Csg 1731 CAGP 14,370

Fleeger Dril Co, Driller Contractor Jack Thornton, Geologist, Driller
Larry Stone, Supt., Driller T. A. Dugan, Engineer, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			2010 Pictured Cliff
			2076 Lewis Shale
			2830 Chacra
			3561 Cliff House
			3594 Mancos Shale
			4172 Point Look Out
			4454 Mancos Shale
			5310 Gallup
			5856 Sanaskee
			6206 Green Horn
			6258 Graneros Shale
			6376 First Dakota Sand
FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD—Continued

16-42094-4

