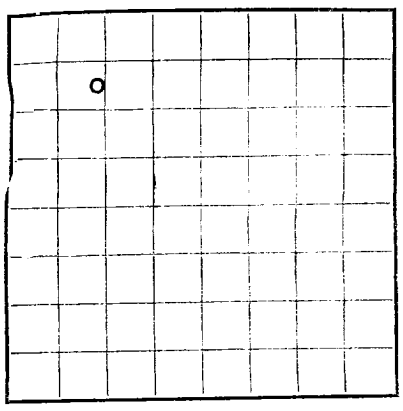
Budget Bureau No. 42-R355.2.
Approval expires 12-31-62.

Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM 010063
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company John J. Redfern, Jr. Address P. O. Box 1747, Midland, Texas

Lessor or Tract Hazel L. Gentle Field Fulcher Kutz State New Mexico

Well No. 2 Sec. 9 T. 28N R. 11W Meridian N.M.P.M. County San Juan

Location 890 ft. {N.} of N. Line and 1100 ft. {E.} of W. Line of Sec. 9 Elevation 5500
(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 John J. Redfern

Date 11-15-55 Title Owner

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

Commenced drilling 10-29, 19 55 Finished drilling 11-6, 19 55

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 635 to 640 (G) No. 4, from ____ to ____

No. 2, from 1533 to 1558 (G) No. 5, from ____ to ____

No. 3, from ____ to ____ No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from 300 to 325 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	32	8 R	CFI	103	Bell				
5 1/2	14	8 R	CFI	1533	Halliburton				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	103	75	Halliburton		
5 1/2	1533	100	"		

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 1533 feet, and from 1533 feet to 1558 feet

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

DATES

December 6, 19 55 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 577,000 CFPD Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. 405

EMPLOYEES

Totah Drilling Co., Driller ____, Driller

Umbarger, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	330	330	sand & shale
330	550	220	sand
520	590	70	sand & shale
590	760	170	sand
760	1225	465	sand & shale
1225	1510	285	sand, shale & coal
1510	1527	17	coal
1527	1558	25	sand Total Depth

H_2O Frac. - 25,450 gals and 25,000# sd, 750# maximum and minimum pressure, Injection rate 29 bbls. per minute

Formation Tops

Base Ojo Alamo 940
Top Kirtland 940
Farmington Sandstone member 990-1195
Top Fruitland formation 1225
Top Pictured Cliffs 1527

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.

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY