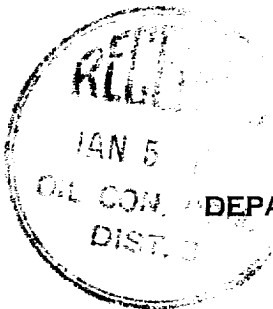
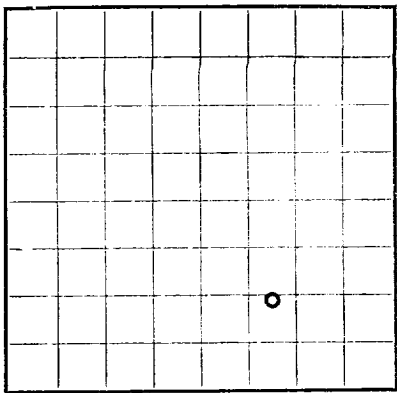


Santa Fe

U. S. LAND OFFICE NM-010063

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

John J. Redfern, Jr.

P. O. Box 1747, Midland, Texas

Company Hazel L. Gentle #1 Address Fulcher Kutz State N. M.

Lessor or Tract 1 9 28N 11W Field N.M.P.M. County San Juan

Well No. 1100 Sec. 9 T. S R. 1520 Meridian E Line of Sec. 9 Elevation 5485

Location ft. [N.] of [S.] Line and ft. [E.] of [W.] Line of Sec. 9 Elevation 5485
(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 [Signature] Title Owner

Date November 12, 1955

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

Commenced drilling August 30, 19 55 Finished drilling September 5, 19 55

OIL OR GAS SANDS OR ZONES

No. 1, from 935 to 954 (G) (Denote gas by G)
No. 2, from 1508 to 1525 (G)
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	36#	8-rt	CF&I	100	Bell				
5 1/2	14#	8-rt	CF&I	1508	Halliburton				
1"	tube		Youngs-town	1518					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	100	75	Halliburton		
5 1/2	1508	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

TOOLS USED

Rotary tools were used from 0 feet to 1508 feet, and from _____ feet to _____ feet
Cable tools were used from 1508 feet to 1525 feet, and from _____ feet to _____ feet

DATES

Sept. 5, 55 Put to producing Nov. 7, 55

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 3,668.8 mcf Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 380

EMPLOYEES

Totah Drilling Company, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	825	825	sand and shale
825	915	90	sand
915	935	20	shale
935	955	20	sand
955	1215	260	sand and shale
1215	1480	265	sand, shale and coal
1480	1503	23	coal
1503	1525	22	sand
			Oil Sand Frac 11,290 gal #2 Diesel 2,000 gal Flush 15,000# sd. Injection rate, 29.9 bbls. 800# broke at; with treatment at 750# used 30 gals Hyflo with treatment
			Formation Tops base of Ojo Alamo 915, Top Kirtland 915, Farmington sand member 935-1135, Top Fruit- land formation 1210, Top Pictured Clifas 1503

FOLD MARK

The information in this log is a summary of the work done on this well and is not intended to be a complete record of all work done. It is the responsibility of the person making the log to see that it is a true and correct record of the work done. It is the responsibility of the person making the log to see that it is a true and correct record of the work done.

OIL OR GAS SANDS OR XONES	
Zone 1, from	to
Zone 2, from	to
Zone 3, from	to
IMPORTANT WATER SANDS	
Zone 1, from	to
Zone 2, from	to

CASING RECORD	
Size	Weight
Length	Location
Remarks	

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 cased, 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.

HISTORY OF OIL OR GAS WELL	
Produced	Tested
Remarks	

PLUGS AND ADAPTERS	
Location	Remarks

SHOT RECORD	
Shot	Remarks

FOOT LOG	
Foot	Remarks

DATES	
Date	Remarks

EXPERIMENTAL	
Experiment	Remarks

FORMATION RECORD	
Formation	Remarks

TOTAL FEET	
Total	Remarks

FROM	
From	Remarks

TO	
To	Remarks

FORMATION	
Formation	Remarks

FORMATION RECORD-Continued	
Formation	Remarks