



U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078356-B
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company J. Clema Turner Address Box 728 - Farmington, New Mexico
Lessor or Tract Esmeralda Unit Field Fulcher Kutz Ext. State New Mexico
Well No. 39927 Sec. 27 T. 27-N. R. 9-W Meridian N.M.P.M. County San Juan
Location 1590 ft. N. of S. Line and 1780 ft. E. of W. Line of Sec. 27 Elevation 6455
(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]
C. Benson Neal, Agent in Farmington

Date April 4, 1956

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

Commenced drilling Jan. 10, 1956, 19... Finished drilling March 12, 1956, 19...

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

No. 1, from 2306 to 2377 (20") 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—	
8-5/8"	24#	8 rd. thd.	J-55	86'	None				Surface long string production
5-7/8"	18#	8 rd. thd.	J-55	2306'	Halliburton				
5-7/8"	18#	8 rd. thd.	None	2377'	None				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	96'	70	Halliburton	Mostly water	
5-7/8"	2310'	100	Halliburton	Mostly water	

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
3/10/56	Solidified nitro-glycerin		130 qts.	3/10/56	2322-2377'	2377'
3/12/56	Sand oil treated - 2310'		2377' with 17,600 gallons diesel oil and 22,500# sand, 30 gallons "more-flow".			
			Flushed with 200 gal. diesel. Breakdown 900%.			
			Injection 3 1/2 b. p. m.			

TOOLS USED

Rotary tools were used from 96 feet to 2323 feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 96 feet, and from 2323 feet to 2377 feet

DATES

Potential test taken March 25, 1956, 19... Shut in for potential test
Put to producing March 13, 1956, 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 681 MCF/Day Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 648 Well shut in to await pipe line connection.

EMPLOYEES

Esmeralda Drilling Co., Inc. Driller _____ Driller
_____, Driller _____ Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2224	2224	Surface sand and shale, @ Ojo Alamo, Kirtland and Fruitland formations.
2224	2235	11	Coal
2235	2306	71	Shale
2306	2377	71	Sand

Top of Pictured Cliffs 2306'

NOTE: Report on form 9-331- dated March 16, 1956 is in error with reference to interval sand oil treated. Treatment was from 2310' to 2377' and total depth of well is 2377'.

FOLD MARK

