

Section 10

EXHIBIT

F

U. S. LAND OFFICE _____
SERIAL NUMBER SF 079035-A
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Lowry et al Operating Account Address 616 E. Central, Albuquerque, N.M.
Lessor or Tract A. C. McLee Field Pattigrew-Tocito State New Mexico
Well No. 1-134 Sec. 10 T. 26N R. 6W Meridian N.M.P.M. County Rio Arriba
Location 660 ft. ~~SS~~ S. of N. Line and 1980 ft. ~~Ex~~ W. of W. Line of Section 10 Elevation 6650'
(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 /s/ E. R. Richardson
Date January 16, 1953 Title Assistant General Manager

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

Commenced drilling April 30, 19 50 Finished drilling July 19, 19 50

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6740 to 6880 No. 4, from 6740 to 6880
No. 2, from 6880 to 7020 No. 5, from 6880 to 7020
No. 3, from 7020 to 7160 No. 6, from 7020 to 7160

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—	
13-3/8	50	90		298	Regular	-	-	-	Surface
9-5/8	36 & 40	8R		2,990	"	-	-	-	
7	23 & 26	8R		7,210	"	-	-	-	Production
Cut out 7" from 6728 to 6770!						See well history.			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	298	350	Plug	-	-
9-5/8	2,990	500	"	-	-
7	7,210	370	"	-	-

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
		SNG	100 gts.	8/25/50	7474-7449	
		SNG	280 gts.	"	7230-7270	7474
		EP 117	120 gts.	2/1/52	6739-6765	6880

TOOLS USED

Rotary tools were used from Surface feet to 7562 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

August 21, 1952 Put to producing August 21, 1952

The production for the first 24 hours was 37.89 barrels of fluid of which 100 % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

----- Making Drilling Company Driller -----, Driller
-----, Driller -----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	105	105	Lime & Shale
105	200	175	Sand & Shale
280	312	32	Shale
312	3395	3033	Sand and shale
3395	4021	628	Shale
4021	4190	169	Sand and shale
4190	4410	220	Sandy shale
4410	6062	1652	sand and shale
6062	6308	246	Shale
6308	7460	1152	Sand and shale
7460	7472	12	Hard Sand and shale
7472	7494	22	Sand and shale
7494	7508	14	Sand
7508	7562	54	Sand and shale
7562	Total Depth		
			<u>TOPS:</u>
			Ojo Alamo 2490
			Pictured Cliffs 2985
			Cliff House 4670
			Menefee 4715
			Point Lookout 5300
			Tocito 6730
			Dakota 7220
			Morrison 7470

