

U. S. LAND OFFICE **Jicarilla**
SERIAL NUMBER **Lease No. 41**

UNITED STATES
DEPARTMENT OF THE INTERIOR DEC 11 1959

U. S. GEOLOGICAL SURVEY
FALLS COTTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company EL PASO NATURAL GAS COMPANY Address Box 997, Farmington, New Mexico
Lessor or Tract Jicarilla Field S. Blanco PG State New Mexico
Well No. 6-D Sec. 32 T. 25N R. 4W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. [N] of S Line and 990 ft. [E] of W Line of Sec. 32 Elevation 6804

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

Date December 10, 1959

Title **Division Petroleum Engineer**

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

Commenced drilling October 26th 19 59 Finished drilling November 7th 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by $\mathbb{G}$)

No. 1, from 2918 to 2974 (G) 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"	2.4#	8	1-55	25			2964	2974	Surface
5-1/2"	2.4#	8	1-55	25			2964	2974	Surface
1-1/4"	2.4#	8	1-55	25			2964	2974	Surface

NUDDING AND CEMENTING RECORD

	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
WARRANT	8-5/8"	105	70	Pump & Plug		
	-1 1/2"	3021	100	" " "		
	1-1 1/4"	2966	-			

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____

Adapters—Material None Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Cleaned out to 2997'. Sandfraced through perforations with 22,470 gallons water and 30,000# sand, flushed with 4,200 gallons water.						
Breakdown pressure 3300#, treating pressure					2000-2200#, avg. injection	Rate 65-7 BPM

TOOLS USED

Rotary tools were used from Surface feet to 3024 feet, and from _____ feet to _____ feet

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

DATES

Ran Tubing	DATES	Potential Test
November 17th	Put to producing	December 9th
1959		1959

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 800,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 0468 Open 3 hours through $3/4$ " choke on

EMPLOYEES

EMPLOYEES		HOURLY RATE	
Benson-Montin-Greer			AOE 890 MCF/day.
Drilling Corp.	Driller		Driller
	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2828	2828	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
2828	2836	8	Coal
2836	2848	12	Shale
2848	2853	5	Coal
2853	2875	18	Shale
2875	2882	7	Coal
2882	2894	12	Shale
2894	2903	9	Coal
2903	2911	8	Shale
2911	2915	4	Coal
2915	2918	3	Shale
2918	2974	56	Sand
2974	3024	50	Shale
			TOP OF PICTURED CLIFFS (ES) 2918'

OVER 1

[OVER]

FORMATION RECORD—Continued

16-43004-4

