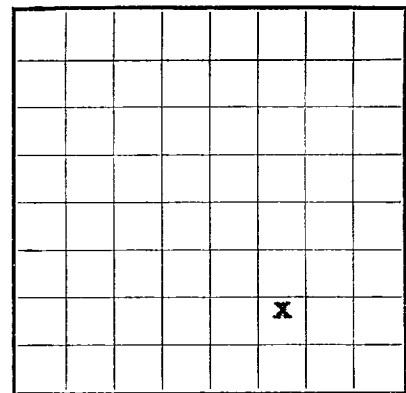




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Jicarilla
SERIAL NUMBER Contract 110
LEASE OR PERMIT TO PROSPECT -----
Jicarilla Tribal

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company EL PASO NATURAL GAS COMPANY Address Box 997, Farmington, New Mexico
Lessor or Tract Jicarilla Field S. Blanco PC Ext State New Mexico
Well No. 13-J Sec. 17 T. 26N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 860 ft. S. of S. Line and 1587 ft. E. of E. Line of Sec. 17 Elevation 6606
(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 D. C. Johnston
Date December 20th, 1957 Title Petroleum Engineer

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

Commenced drilling November 20th, 19 57 Finished drilling December 5th, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3052 to 3131 (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"	24 1/2	8	J-55	96	—	—	—	—	Surface
5-1/2"	15 5/8	8	J-55	3183	Texas Pattern	—	3070	3094	Production
							3104	3122	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	105	70	Pump & Plug		
5-1/2"	3171	100	" " "		

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
		None				

TOOLS USED

Rotary tools were used from Surface feet to 3172 feet, and from ----- feet to ----- feet
to complete
Cable tools were used from ----- feet to ----- feet, and from ----- feet to ----- feet

Ran Tubing

DATES

Potential Test

December 19th, 19 57 Put to producing December 24th, 19 57

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 2,999,000 Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. 991

EMPLOYEES

Benson-Montin-Greer, Driller -----, Driller
Drilling Corp., Driller -----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	3003	3003	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
3003	3009	6	Coal
3009	3014	5	Shale
3014	3017	3	Coal
3017	3031	14	Shale
3031	3049	18	Coal
3049	3052	3	Shale
3052	3172	122	Sand
			TOP OF PICTURED CLIFFS (EL) 3052
			AT THE END OF THE LOG, STATE WHETHER THE WELL IS A GAS WELL OR AN OIL WELL

[illegible]

11-20-57 Moved in shothole rig to set surface casing. Spudded.

casting at 1051 with 70 sacks cement, circulated to

Noted in report. Presented up on evening of 5/20/54

10 1121 RKB. Set 28 joints 1167 of 5-12

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Performed 3070-3104 and 3104-22 with 1 shots per 100

water Breakdown pressure 2500#, operating pressure 58#, breathing pressure

[illegible]