

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Jicarilla
SERIAL NUMBER Contract 111
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 EC State New Mexico
Well No. 3-M Sec. 5 T 24N R. 4W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. N. of 2776 line and 1090 ft. W. of E. 1/2 of Sec. 5 Elevation 6734
(Denote base 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]

Date May 22, 1957 Title Senior Petroleum Engineer

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

Commenced drilling April 12th, 19 57 Finished drilling April 20th, 19 57

OIL OR GAS SANDS OR ZONES

No. 1, from 2776 to 2859 (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 foot	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
8-5/8"	32#	8	H-40	96					Surface
5-1/2"	15.5#	8	H-55	2713	Pattern		2790	2830	Production

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		
1-1/2"	2907	100	Pump & Plug		

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 2908 feet, and from _____ feet to _____ feet
Cable tools were used to complete feet to _____ feet, and from _____ feet to _____ feet

DATES

Ran Tubing April 28th, 19 57 Put to producing _____, 19 _____
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

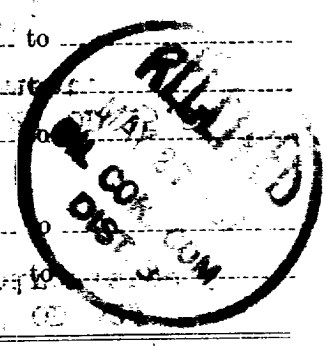
If gas well, cu. ft. per 24 hours 829,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 917 psig

EMPLOYEES

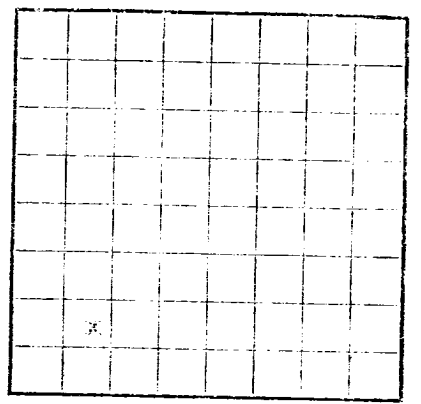
Benson-Montin-Greer, Driller
Drilling Corp., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2742	2742	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
2742	2750	8	Coal
2750	2766	16	Shale
2766	2769	3	Coal
2769	2772	3	Shale
2772	2776	3	Coal
2776	2908	132	Sand
			TOP OF PICTURED CLIFFS 2776'



FOLD MARK



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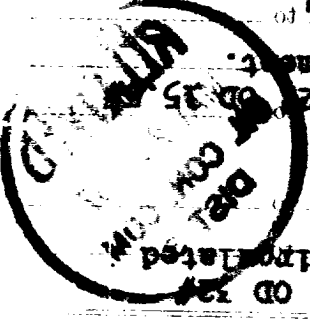
GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

PLEASE PRINT OR TYPE IN BLOCK LETTERS
Name of Operator
Address
City
State
County

Company Name
Lessor or Tract
Well No.
Location
Date
The summary of the work done during the period covered by this log is as follows:
4-26-57 Treated with 300 gallons of water and 30,000 sand, flushed with 5,000 gallons of water. Pressure 1500#, average injection rate 4.2 gpm.
4-25-57 Moved in cable tools. Cleaned out to 2850'. Perforated 2790' to 2850' with 4 holes per foot.
4-20-57 TD 2908' RKB set 70 joints 2919' of 5-1/2" OD 100 sacks cement.
4-14-57 Moved in rotary water sands.
4-13-57 TD 105.5' RKB casing perforated 96' of 8-5/8" OD casing at 105' RKB with 70 sacks cement, also lined to surface.



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 the results. If there were any changes made in the casing, state fully, and if any casing was either added or left in the well, give its size and location. If the well has been dynamited, 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 balling.

HISTORY OF OIL OR GAS WELL

Table with multiple sections: MUDGING AND CEMENTING RECORD, PLUGS AND ADAPTERS, SHOOTING RECORD, TOOLS USED, DATES, EMPLOYEES, FORMATION RECORD. Includes columns for date, quantity, depth, and various well parameters.

FORMATION RECORD—Continued

Table with columns: FROM, TO, TOTAL FEET, FORMATION. Contains data for different geological layers and their depths.