

[illegible]

LOCATE WELL CORRECTLY

RECEIVED
JUN 19 1958
U.S. COM. COM.
3 LIT

Budget Bureau No. 42-R3554.
Approval expires 12-31-60.

Jicarilla

U. S. LAND OFFICE _____
Lease No. 64

SERIAL NUMBER _____

LEASE OR PERMIT TO PROSPECT _____
Jicarilla Tribal

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

TABLE 6. (Cont.)

LOG OF OIL OR GAS WELL

Company EL PASO NATURAL GAS COMPANY Address Box 227, Farmington, New Mexico
Lessor or Tract Jicarilla Field S. Blanco PC Ext State New Mexico
Well No. 9-E Sec. 19 T. 25N R. 4W Meridian N.M.P.M. County Rio Arriba
Location 290 ft. S of N Line and 220 ft. E of W Line of Sec. 19 Elevation 6929
(Direction of location is always

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.

Date June 17th, 1958 Signed [Signature] Title Petroleum Engineer

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

Commenced drilling February 1st 19 58 Finished drilling February 9th 19 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>3175</u> to <u>3210 (G)</u>	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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	105	20	Pump & Plug		
5-1/2"	120	150			

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 3291 feet, and from _____ feet to _____ feet
Cable tools were used from to complete feet to _____ feet, and from _____ feet to _____ feet

Ran Tubing

DATES

Potential Test

May 2nd 19 58 Put to producing June 11th 19 58

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 ~~25,171,000~~ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 988

EMPLOYEES

Benson-Montin-Corson		EMPLOYEES	
-----	Driller	-----	Driller
Drilling Corp.			
-----	Driller	-----	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	3096	3096	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
3096	3111	15	Coal
3111	3125	14	Shale
3125	3130	5	Coal
3130	3152	22	Shale
3152	3156	4	Coal
3156	3175	19	Shale
3175	3210	35	Sand
3210	3271	81	Shale
			TOP OF PICTURED CLIFFS (EL) 3175'
			AT THE END OF COMPLETE DRILLER'S LOG, AND CHECKED BY THE STATE WHETHER FROM EL OR SAMPLES.

AT THE END OF COMPLETE DRILLER'S LOG, AND CHECK FOR DISCREPANCY
WHETHER FROM BL OR SAMPLES.

FORMATION RECORD—Continued

[illegible]

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 its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" 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 bailing.

HISTORY OF OIL OR GAS WELL

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

2-258 Moved in rotary. Spudded. Drilled to TD 105' RKB. Set 3 joints 97' of 8-5/8" OD 24# J-55 casing at 105' with 80 sacks cement. Circulated to surface.

2-3-58 Pressured up on casing to 500#. No pressure decrease in 30 minutes.

2-9-58 TD 3291, RMB. Set 81, 101mbs 33081 of 5-1/2" OD 15.5#

4-28-58

Moved in cable tool - prepared up on landing to 1000#.

No pressure and current in one hour.

Temperature survey showed top of cement at 1000.

4-30-58
Cleaned out to 3254'. Perforated 3186-3210' with 4
shots per foot. Sand treated with 46,200 gallons water
and 50,000# sand, flushed with 3,780 gallons water.
Breakdown pressure 2650#, treating pressure 1600-2650#.
Dropped 80 rubber balls during treatment. Average
injection rate 60.2 BPM. Unable to gauge well because
of high volume of gas.

Man 101 Joint 3205' of 2-3/8" OD RUC tubing landed at 3213' RKB. Shut well in for potential test.