

[illegible]

LOCATE WELL CORRECTLY

U.S. LAND OFFICE Jicarilla
SERIAL NUMBER Contract 109
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 State New Mexico
Well No. 2-F Sec. 22 T. 26N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. N. of S Line and 990 ft. E. of W Line of Sec. 22 Elevation 6588
(Deriv. Boor 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.

Date May 6th, 1957 Signed William J. Stork Title Senior Petroleum Engineer

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

Commenced drilling _____, 19____ Finished drilling _____, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3015 to 3090 (4) 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#	8	J-55	87	-	-	-	-	Surface
5-1/2"	15.5#	8	J-55	5112	Texas Pattern	-	1036 3070	1060 3084	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	37	70	Pump & Plug		
5-1/2"	3121	150	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 ~~3121~~ feet, and from _____ feet to _____ feet
Cable tools were used from ~~to complete~~ feet to _____ feet, and from _____ feet to _____ feet

DATES

Ran Tubing _____
 April 16th _____, 1957

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 3,998,000 Gallons gasoline per 1,000 cu. ft. of gas _____

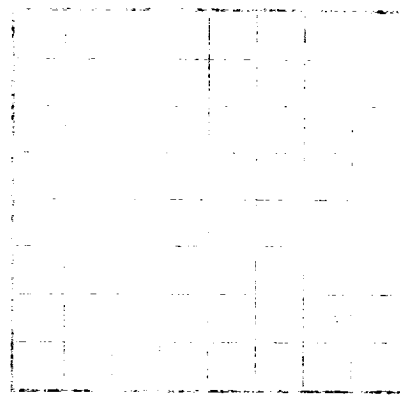
Rock pressure, lbs. per sq. in. --- 1043#

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2975	2975	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
2975	2980	5	Coal
2980	3000	20	Shale
3000	3015	15	Coal
3015	3121	106	Sand
			TOP OF PICTURED CLIFFS 3015'

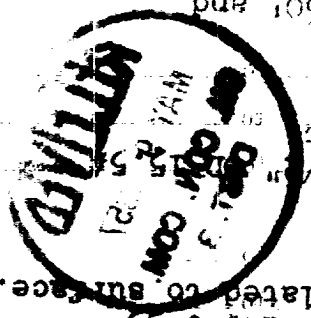


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It is of the greatest importance to have a complete history of the well. Please state in detail the dates of relogging, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing 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.

3-12-57 Moved in another rig to set surface casing. Spudded.
3-13-57 ID 97' RKB. Set 9 joints 8 7/8" of 8-5/8" OD 24# J-55 casing at 97' with 70 sacks cement, circulated to surface.
3-23-57 Moved in rotary.
3-28-57 TD 3121' RKB. Set 98 joints 11 1/2" of 5-1/2" casing at 3121' with 150 sacks cement.
4-12-57 Moved in cable tools.
4-14-57 Cleaned out to 3090'. Perforated 3036-3060' and 3070-3084' with 4 holes per foot.
4-15-57 Sandstraced with 26,900 gallons water and 30,000# sand, flushed with 3,100 gallons water. After 10,000 gallons injection dumped 55 rubber balls. After 20,000 gallons injection dumped 55 more rubber balls. Pressure 3000# treating pressure 1700-1750#. Injection rate 42 barrels per minute.
4-16-57 After 15 hours flowing 2,719 MCF/day. Ran 119 joints 3073' of 1-1/2" RKB. Running landed at 3088' RKB. Shut well in for potential test.



HISTORY OF OIL OR GAS WELL

FROM-	TO-	TOTAL FEET	FORMATION
MUDLOGGING AND CHEMISTING RECORD			
SHOOTING RECORD			
TOOLS USED			
PLUGS AND ADAPTERS			
MUDLOGGING AND CHEMISTING RECORD			