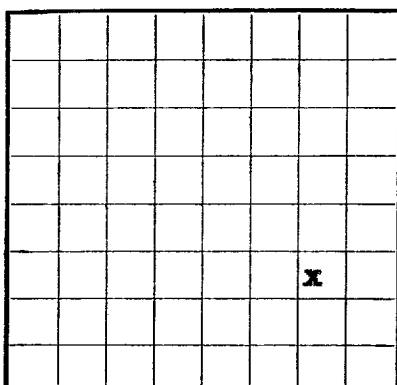


U. S. LAND OFFICE Jicarilla
SERIAL NUMBER Contract 110
LEASE OR PERMIT TO PROSPECT Jicarilla Tribal

LOCATE WELL CORRECTLY

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. 3-J Sec. 19 T 26N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 1650 ft. N of S Line and 1090 ft. E of E Line of Sec. 19 Elevation 6708
(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 [Signature] Title Senior Petroleum Engineer
Date June 10, 1957

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

Commenced drilling April 16th, 1957 Finished drilling May 6th, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3080 to 3165 (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"	32#	8	H-40	94	-	-	-	-	Surface
5-1/2"	15.5#	8	J-55	3184	Texas Pattern	-	-	-	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	104	70	Pump & Plug		
5-1/2"	3191	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
		<u>None</u>				

TOOLS USED

Rotary tools were used from Surface feet to 3191 feet, and from _____ feet to _____ feet
Cable tools were used from to complete feet to _____ feet, and from _____ feet to _____ feet

Ran Tubing

May 11th, 1957

DATES

State Potential Test

Put to producing May 29th, 1957

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 2,877,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1003

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2960	2960	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
2960	2966	6	Coal
2966	2980	14	Shale
2980	2984	4	Coal
2984	3004	20	Shale
3004	3009	5	Coal
3009	3032	23	Shale
3032	3037	5	Coal
3037	3058	21	Shale
3058	3061	3	Coal
3061	3068	7	Shale
3068	3080	12	Coal
3080	3191	111	Sand

TOP OF PICTURED CLIFFS 3080'

TOP OF OIL OR GAS WELL



FOOTNOTES

After 161 hours 791 5-11-57

Pressure 15000+ Injection Rate 20 gpm

During treatment, blood pressure 5000#, treating

Treated with 500 gallons and 50,000 sand, flushed with 5,000 gallons water and 50,000 sand, flushed with 5,000

Moved in cable tools. Cleaned out to 1155'. Perforated 1151' to 1154' and 1158' to 1166'. With 4 holes per foot.

TD 5191, RKB. Set 76 joints 5194 of 5-1/2" OD 15.50
J-55 casing at 5191, with 100 sacks cement.

• LIVING UP DEATH

at 10:15 AM. Set 3 jobs in 01-05-00 00 023 CARGO. at 10:15 AM with 70 sacks cement, circulated to surface.

Moved in shothole rig to set surface casing. Spudded.

It is of the greatest importance to have a complete history of the well. Please state in detail the nature of the work and the reasons for the work and its results. If there were any changes made in the case, state them, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been damaged, give date, 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

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

RECORD 201-10192

4459 2002

TOTAL LEFT

—OL

FROM—

FORMATION

FORMATION RECORD—Continued