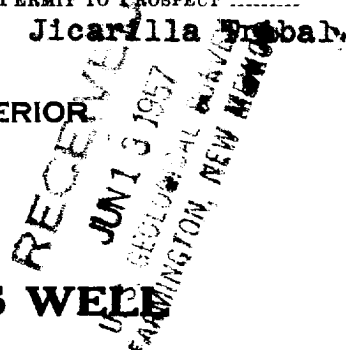


Form 9-330

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

Jicarilla Indian

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company EL PASO NATURAL GAS COMPANY Address Box 997, Farmington, New Mexico
Lessor or Tract Jicarilla Field S. Blanco State New Mexico
Well No. 3-J Sec. 19 T26N 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.

Date June 10, 1957 Signed [Signature] Title Senior Petroleum Engineer

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 3165 (G) to 3191
No. 2, from 3165 (G) to 3191 No. 5, from 3191 to 3191
No. 3, from 3191 to 3191 No. 6, from 3191 to 3191

IMPORTANT WATER SANDS

No. 1, from 3191 to 3191 No. 3, from 3191 to 3191
No. 2, from 3191 to 3191 No. 4, from 3191 to 3191

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	1184	Pattern	-	3118	3156	Production
							3138	3156	

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
		None				

TOOLS USED

Rotary tools were used from Surface feet to 3191 feet, and from _____ feet to _____ feet
Cable tools were used from _____ 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-Martin-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'

(OVER)

Y3V9112 14320 1032

LOCATE WELL CORRESPONDING

FROM	TO	TOTAL FEET	FORMATION

FORMATION RECORD—Continued