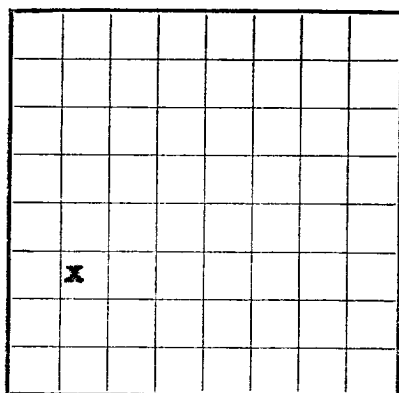


U. S. LAND OFFICE Jicarilla
SERIAL NUMBER Contract 109
LEASE OR PERMIT TO PROSPECT
Jicarilla TribalUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY:

Company EL PASO NATURAL GAS COMPANY Address BOX 997, FARMINGTON, NEW MEXICOLessor or Tract Jicarilla Tribal Field Wildcat State New MexicoWell No. 1-P Sec. 21 T. 26N R. 5W Meridian N.M.P.M. County Rio ArribaLocation 1650 ft. [N. of 3 Line and 990 ft. [E. of W Line of SEC. 21 Elevation 6654
(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 EngineerDate April 3rd, 1957

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

Commenced drilling January 28th, 19 57 Finished drilling February 8th, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3063 to 3163 (a) 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	91	-	-	-	-	Surface
5-1/2"	15.5#	8	J-55	3215	Texas Pattern	-	3067	3078	Production
							3088	3094	
							3112	3132	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	101	80	Pump & Plug		
5-1/2"	3215	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
		<u>None</u>				

TOOLS USED

Rotary tools were used from Surface feet to 3215 feet, and from _____ feet to _____ feetCable tools were used from to complete feet to _____ feet, and from _____ feet to _____ feet

DATES

Ran Tubing February 15th, 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 5,351,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1019 psi

EMPLOYEES

Benson-Montin-Greer _____, Driller _____, Driller

Drilling Corp. _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2939	2939	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
2939	2943	14	Coal
2943	2955	12	Shale
2955	2959	4	Coal
2959	3002	43	Shale
3002	3012	10	Coal
3012	3038	26	Shale
3038	3042	4	Coal
3042	3046	4	Shale
3046	3060	14	Coal
3060	3063	3	Shale
3063	3163	100	Sand

TOP OF PICTURED
CLIFFS 3063'

[illegible]

LOG OF OIL OR GAS WELL

2-14-57 After 10 hours of burning 2, 56 MCF/day.

2-13-57 Sandtraced through perforations using 6 HALLIBURTON T-10

2-12-57 Measured in 4 ppm 2161

points 3218, of 4-1/2 OD 15.6 J-55 SMIS. casing at 3215, RKB with 150 sacks cement.

44-38861-1000

IMPORTED WATER SANDS

1-38-57

14-00000

95-21411

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together

U. S. GOVERNMENT PRINTING OFFICE 16-43094-2

FORMATION RECORD—Continued