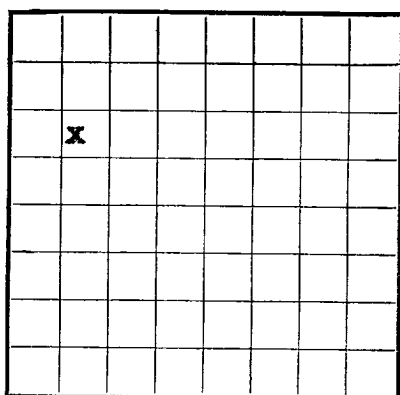


U. S. LAND OFFICE Jicarilla
SERIAL NUMBER Contract 108
LEASE OR PERMIT TO PROSPECT
Jicarilla TribalUNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY NOV 4 1958

U. S. GEOLOGICAL SURVEY
WASHINGTON NEW MEXICO

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 PG Ext. State New Mexico
Well No. 16-G Sec. 14 T. 26N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 1800 ft. N. of N. Line and 1100 E. of W. Line of Sec. 14 Elevation 6934
(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 November 3rd, 1958 Signed S. S. Orbenky Title Senior Petroleum Engineer

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

Commenced drilling August 19th, 19 58 Finished drilling September 16th, 19 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G) CO

No. 1, from 3519 to 3557 (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"	24#	8	I-55	99					Surface
5-1/2"	15.5#	8	I-55	3641	Pattern		3522	3557	Production
							3544		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	108	70	Pump & Plug		
5-1/2"	3641	100	" " "		

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 3642 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Ran Tubing

September 27th, 19 58

DATES

Potential Test

Put to producing October 28th, 19 58The 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 1,153,000

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

Rock pressure, lbs. per sq. in. 1053

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	3447	3447	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
3447	3452	5	Coal
3452	3468	16	Shale
3468	3474	6	Coal
3474	3504	30	Shale
3504	3506	2	Coal
3506	3519	13	Shale
3519	3557	38	Sand
3557	3642	85	Shale

TOP OF PICTURED CLIFFS (EL) 3519'



~~SECRET~~

2024 2025

090706C

11-10-74 140 10 100 10 100 100

Ran 117 joints 3533' of 1-1/4" EUE tubing landed at 3540'. RKB. Shut well in for potential test.

9-27-58

After 9 hours flowing 1,065 MCF/day.

85-92-6

cleaned out to 3593'. Perforated 3522-34, 3544-57.
with 4 shots per foot. Sandfraced with 26,000 gallons
water and 30,000# sand, flushed with 4,000 gallons
water. Breakdown pressure 2000#, treating pressure
1500-1900#. Dropped 50 rubber balls halfway through
treatment. Average injection rate 61 barrels per minute.

9-25-58

Moved in cable tools. Pressured up on casing to 1000#. No pressure decrease in one hour.

9-24-58

J-55 casing at 3643' with 100 sacks cement. Temperature survey showed top of cement at 3450'.

9-16-58

TD 36421 RMB. Set 108 joints 36411 of 5-1/2" OD 15.5#

9-8-58

Moved in rotary. Pressured up on casing to 500#. NO

TD 1081 RCB. Set 3 joints 99' of 8-5/8" OD 24# J-55 casing at 1081 with 70 sacks cement, circulated to surface.

8-25-58

Shut down on account of rendition of road following rain.

8-20-58

Moved in to set surface casting. Spudded.

85-61-8

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 balling.

HISTORY OF OIL OR GAS WELL

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

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