

U. S. LAND OFFICE New MexicoSERIAL NUMBER 03560LEASE OR PERMIT TO PROSPECT
14-08-001-459UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. GEOLOGICAL SURVEY
FARMINGTON, 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 San Juan 28-7 Unit Field Bo. Blanco State New Mexico
Well No. 14 Sec. 29 T. 27N R. 7W Meridian NMPM County Rio Arriba
Location 1637 ft. N of N Line and 935 ft. E of E Line of Section 29 Elevation 6552'
(Back 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 School SchulerDate September 16, 1954Title Petroleum Engineer

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

Commenced drilling July 20, 1954 Finished drilling July 25, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2851 to 2925 (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—	
9 5/8	25.4	Spiral Wld.	Arnco	121	Arnco				Surface
5 1/2	15.5	8 RD	Spang	2342	Baker				Prod. Csg.
1	1.63	8 RD	Youngstown	2073					Prod. Lbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	132	125	Circulated		
5 1/2	2852	150	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
See Well History.						

TOOLS USED

Rotary tools were used from 0 feet to 2925 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

August 5, 1954 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 970,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 354

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	512	512	Tan cr-grn ss w/thin sh breaks.
512	1440	928	Variegated sh w/thin ss breaks.
1440	2035	645	Tan to gry cr-grn ss interbedded w/gry sh.
2035	2190	105	Ojo Alamo ss. White cr-grn s. Tops 2085'.
2190	2611	421	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Tops 2190'.
2611	2851	240	Fruitland form. Gry carb sh, scattered coals coals & gry, tight, fine-grn ss. Tops 2611'.
2851	2925	74	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss. Tops 2851'.

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

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 bailing.

August 4, 1954 Sand-oil fracture Pictured Cliffs formation from 2850-2925' with 9200 gallons oil and 7300# sand. BDP 800#, maximum pressure 900#, I.R. 357 gallons per minute. Gage ~~manif~~ before 77 MCF, Gage 12 hours after 1,110 MCF.

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GEOLOGICAL SURVEY

DEVELOPMENT OF THE INTERIOR

UNITED STATES

UNITED STATES DEPARTMENT OF JUSTICE

QUESTIONS: 1. What is the purpose of the study?

Ch. 10, § 10.10

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