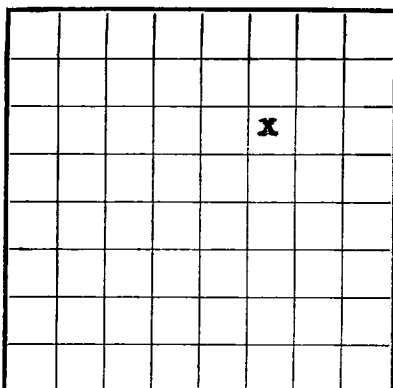
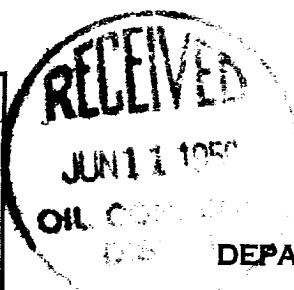




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE **Jicarilla**
SERIAL NUMBER **Lease No. 66**
LEASE OR PERMIT TO PROSPECT **Jicarilla Tribal**RECEIVED
JUN 10 1959

LOG OF OIL OR GAS WELL

Company **EL PASO NATURAL GAS COMPANY** Address **Box 997, Farmington, New Mexico**
Lessor or Tract **Jicarilla** Field **S. Blaine PC** State **New Mexico**
Well No. **11-B** Sec. **27** T. **25N** R. **4W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **1650** ft. **N** of **E** Line and **1650** ft. **E** of **E** Line of **Sec. 27** Elevation **6942**
(Elevation does not 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 **E. S. (Signature)**
Date **June 9, 1959** **Division Petroleum Engineer**

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

Commenced drilling **April 11th**, 19**59** Finished drilling **April 24th**, 19**59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3224** to **3313 (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	J-55	122	-	-	-	-	Surface
5-1/2"	17.5#	8	J-55	3385	Pattern	3224	3385	3385	Production
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	132	100	Pump & Plug		
5-1/2"	3385	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
		None				

TOOLS USED

Rotary tools were used from **Surface** feet to **3386** feet, and from _____ feet to _____ feet
Cable tools were used from **to complete** feet to _____ feet, and from _____ feet to _____ feet

Ran Tubing

May 3rd

19**59**

DATES

Potential Test

Put to producing **May 13th**, 19**59**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 **2,792,000**

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

Rock pressure, lbs. per sq. in. **936**

EMPLOYEES

Benson-Montin-Greer

Driller

Driller

Drilling Corp.

Driller

Driller

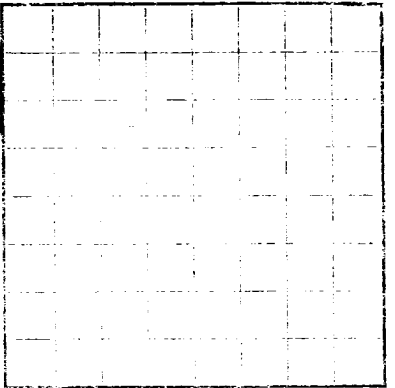
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	3154	3154	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
3154	3167	13	Coal
3167	3190	23	Shale
3190	3198	8	Coal
3198	3217	19	Shale
3217	3222	5	Coal
3222	3224	2	Shale
3224	3313	89	Sand
3313	3386	73	Shale
			TOP OF PICTURED CLIFFS 3224'

(OVER)

16-43084-4

FORMATION RECORD—Continued



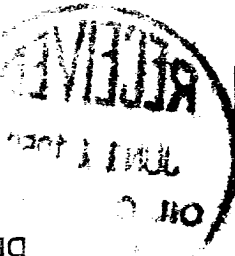
LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES



U.S. Land Office
Bureau of Land Management
Washington, D.C.

Company:
Lessor or Trust:
Well No.:
Location:
The information given herein is a summary of the work done on this well and is not intended to be a complete record of the work. 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 added, 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.
4-26-59 Drilled out to 354'. Perforated 328'-351' with 2 shots per foot. Sandrased with 40,256 gallons water and 50,000 sand. Finished with 4,200 gallons water. Freedom pressure 2,400# treating pressure 1,800-2,200#. Tapped 20 rubber balls halfway through treatment. Average injection rate 58.5 barrels per minute.
4-24-59 TD 3386' RKB. Set 103 joints 3379' of 5-1/2" OD 19.5# 4-55 casing at 3386' with 150 sacks regular cement. Temperature survey showed top of cement at 2250'.
4-18-59 Moved in rotary. Pressured up on casing to 500#. No pressure decrease in 30 minutes.
4-15-59 TD 132' RKB. Set 4 joints 122' of 8-5/8" OD 24# J-55 casing at 132' with 100 sacks cement, circulated to surface.
4-11-59 Moved in to set surface casing. Spudded.
IMPORTANT WATER RECORD
Moved in rotary. Pressured up on casing to 500#. No pressure decrease in 30 minutes.
4-55 casing at 3386' with 150 sacks regular cement. Temperature survey showed top of cement at 2250'.
Moved in cable tools. Pressured up on casing to 1000#. No pressure decrease in one hour.
The summary on this page is for the condition of the well at above date.

HISTORY OF OIL OR GAS WELL

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