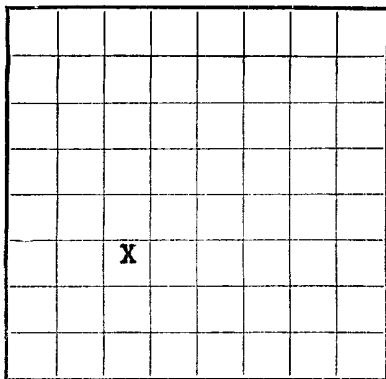




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **New Mexico**SERIAL NUMBER **03560**LEASE OR PERMIT TO PROSPECT
14-08-001-459UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSEP 15 1954
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

LOG OF OIL OR GAS WELL

Company **El Paso Natural Gas Company** Address **Box 997, Farmington, New Mexico**
Lessor or Tract **San Juan 28-7 Unit** Field **So. Blanco (P.C.)** State **New Mexico**
Well No. **17** Sec. **30** T. **27N** R. **7W** Meridian **NMPM** County **Rio Arriba**
Location **1686** ft. **N** of **S** Line and **1662** ft. **E** of **W** Line of **Section 39** Elevation **6659'**
(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 **September 15, 1954**Signed **J. F. Judd**
Title **Petroleum Engineer**

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

Commenced drilling **July 23**, 19**54** Finished drilling **August 8**, 19**54**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2856** to **2935 (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
9 5/8	25.4	S.W.	Armed	122	Armed			Surface
5 1/2	15.50	8 RD	Youngstown	2924				Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	133	125	Circulated		
5 1/2	2857	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
	Sand-Oil, See Well History.					

TOOLS USED

Rotary tools were used from _____ feet to **2857** feet, and from _____ feet to _____ feet
Cable tools were used from **2857** feet to **2935** feet, and from _____ feet to _____ feet

DATES

August 9, 19**54** 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 **1,343,000**

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

Rock pressure, lbs. per sq. in. **853**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	645	645	Tan cr-grn ss w/thin sh breaks.
645	1465	820	Variegated sh w/thin ss breaks.
1465	2130	665	Tan to gry cr-grn ss interbedded w/gry sh.
2130	2220	90	Ojo Alamo ss. White cr grn s. Tops 2130.
2220	2581	361	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss. Tops 2220.
2581	2856	275	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss. Tops 2581.
(Sample top) 2856	2935 T.D.	79	Pictured Cliffs form. Gry, fine-grn, tight, vari-colored soft ss. Tops 2856.

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
100	100	0	
200	100	100	
300	100	200	
400	100	300	
500	100	400	
600	100	500	
700	100	600	
800	100	700	
900	100	800	
1000	100	900	
1100	100	1000	
1200	100	1100	
1300	100	1200	
1400	100	1300	
1500	100	1400	
1600	100	1500	
1700	100	1600	
1800	100	1700	
1900	100	1800	
2000	100	1900	
2100	100	2000	
2200	100	2100	
2300	100	2200	
2400	100	2300	
2500	100	2400	
2600	100	2500	
2700	100	2600	
2800	100	2700	
2900	100	2800	
3000	100	2900	
3100	100	3000	
3200	100	3100	
3300	100	3200	
3400	100	3300	
3500	100	3400	
3600	100	3500	
3700	100	3600	
3800	100	3700	
3900	100	3800	
4000	100	3900	
4100	100	4000	
4200	100	4100	
4300	100	4200	
4400	100	4300	
4500	100	4400	
4600	100	4500	
4700	100	4600	
4800	100	4700	
4900	100	4800	
5000	100	4900	
5100	100	5000	
5200	100	5100	
5300	100	5200	
5400	100	5300	
5500	100	5400	
5600	100	5500	
5700	100	5600	
5800	100	5700	
5900	100	5800	
6000	100	5900	
6100	100	6000	
6200	100	6100	
6300	100	6200	
6400	100	6300	
6500	100	6400	
6600	100	6500	
6700	100	6600	
6800	100	6700	
6900	100	6800	
7000	100	6900	
7100	100	7000	
7200	100	7100	
7300	100	7200	
7400	100	7300	
7500	100	7400	
7600	100	7500	
7700	100	7600	
7800	100	7700	
7900	100	7800	
8000	100	7900	
8100	100	8000	
8200	100	8100	
8300	100	8200	
8400	100	8300	
8500	100	8400	
8600	100	8500	
8700	100	8600	
8800	100	8700	
8900	100	8800	
9000	100	8900	
9100	100	9000	
9200	100	9100	
9300	100	9200	
9400	100	9300	
9500	100	9400	
9600	100	9500	
9700	100	9600	
9800	100	9700	
9900	100	9800	
10000	100	9900	

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 date 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 8, 1954, Total Depth 2935', interval treated 2857' - 2935' (Bot).
Treated Pictured Cliffs formation, through 5 1/2" casing, with 9,300 gallons #2
diesel oil and 6600# sand. Breakdown pressure 1000#, maximum pressure 2000#. In-
jection rate 273 gallons per minute. Flushed with 3,600# oil. Natural gas 130 MCF.
Cage 12 hours after treatment 1597 MCF.

TOC OF OIL OR GAS WELL

ГЕОЛОГИЧЕСКАЯ

DEVELOPMENT OF THE INDUSTRY

UNITED STATES

REF ID: A67714 TO PROSECUTOR

SERIAL NUMBER

ESTYMO GEMINI

PHOTO BY GILBERT L. B. 12

PHOTO BY GILBERT L. B. 12