

U. S. LAND OFFICE **N.M.**  
SERIAL NUMBER **4208**  
LEASE OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**LOG OF OIL OR GAS WELL**

Company **El Paso Natural Gas Company** Address **Box 997, Farmington, New Mexico**  
Lessor or Tract **McFulley** Field **Wildcat & Blanco** State **New Mexico**  
Well No. **3 (PM)** Sec. **24** T. **28N** R. **9W** Meridian **N.M.P.M.** County **San Juan**  
Location **1951** ft. **(N)** of **S** Line and **1020** ft. **(E)** of **W** Line of **Sec. 24** Elevation **5991**  
(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 **Original Signed D. C. Johnston**

Date **August 27, 1957** Title **Petroleum Engineer**

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

Commenced drilling **3-13**, 19**57** Finished drilling **4-10**, 19**57**

**OIL OR GAS SANDS OR ZONES**  
(Denote gas by G)

No. 1, from **2292** to **2380 (G)** No. 4, from **4537** to **4721 (G)**  
No. 2, from **3942** to **3972 (G)** No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from **3972** to **4537 (G)** 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-	
10-3/4	32.75	P. E.	SW	161'	Howco				Surface
7-5/8	26.40	8 M.	SW	2396	Howco				Prod. Csg.
5-1/2	17.50	8 M.	SW	2369	Howco				Prod. Liner
2"	4.7	8 M.	SW	4682	Howco				Prod. Tubing
1-1/4	2.3	8 M.	Grady	2386	Howco				Siphon

**MUDDING AND CEMENTING RECORD**

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	173'	150	Circulated		
7-5/8	2454	250	Single Stage		
5-1/2	2396-4765	300	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

**TOOLS USED**

Rotary tools were used from **165** feet to **2454** feet, and from **2454** feet to **4770** feet  
Cable tools were used from **0** feet to **165** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

**4-27**, 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 **P.C. 2,410,000** Gallons gasoline per 1,000 cu. ft. of gas **None**  
**M.V. 2,416,000**

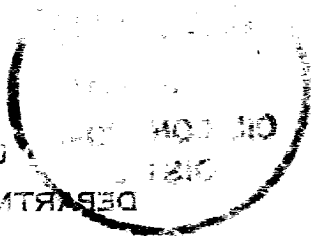
Rock pressure, lbs. per sq. in. **345 (Calc)** Ch. Vol. **2198 MCF/D (MV) and 2281 MCF/D (PC)**  
EMPLOYEES **SICP - 766 PSI - PC**  
**SITP - 789 PSI - MV**, Driller  
\_\_\_\_\_, Driller

**FORMATION RECORD**

FROM-	TO-	TOTAL FEET	FORMATION
Surface	1255	1255	Fan to gry cr-grn ss interbedded w/gry sh.
1255	1380	125	Ojo Alamo ss. White cr-grn s.
1380	2050	670	Kirtland form. Gry sh interbedded w/light gry fine-grn ss.
2050	2292	242	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2292	2380	88	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2380	3942	562	Levis formation. Gry to white dense sh w/silty to shaly ss breaks.
3942	3972	30	Cliff House ss. Gry, fine-grn, dense sil ss.
3972	4537	565	Manefee form. Gry, fine-grn s, carb sh & coal.
4537	4721	184	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.

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Grid for well location: LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Name: ...  
Address: ...  
Well No. ...  
Location ...

Original Signed D. C. Johnston

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Summary of the well: ...  
4-15-97 ...  
4-15-97 ...  
4-15-97 ...

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.

HISTORY OF OIL OR GAS WELL

Main data table with columns: FROM, TO, TOTAL FEET, FORMATION. Includes sections for MUDGING AND CEMENTING RECORD, PLUGS AND ADAPTERS, SHOOTING RECORD, TOOLS USED, DATES, EMPLOYEES, and INFORMATION RECORD.