



U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER 078781  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**LOG OF OIL OR GAS WELL**

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997 - Farmington, New Mexico  
Lessor or Tract Bruington Pool Unit Field Aztec P.C. Ext. & State New Mexico  
Well No. 3 (PM) Sec. 6 T. 30N R. 11W Meridian N.M.P.M. County San Juan  
Location 1625 ft. [N.] of S Line and 800 ft. [E.] of E Line of Section 6 Elevation 5883  
(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 EWELL N. WALSH

Date March 27, 1957 Title Petroleum Engineer

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

Commenced drilling 1-22, 1957 Finished drilling 2-15, 1957

**OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from 2308 to 2435 (G) No. 4, from 4617 to 4725 (G)  
No. 2, from 3870 to 4068 (G) No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 4068 to 4617 (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.	S.W.	162'	Howco				surface
7"	23	8 Rd.	J-55	378'	Baker				Prod. lbg.
5-1/2"	15.50	8 Rd.	J-55	300'	Baker				Prod. lbg.
2"	4.7	8 Rd.	J-55	4610'					Prod. lbg.
1-1/4"	2.3	8 Rd. Grade	B	234'					Syphon

**MUDDING AND CEMENTING RECORD**

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	172'	150	circulated		
7"	4535'	300	two stages (150 sacks on each stage)		
5-1/2"	4451-4771'	60	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 175 feet to 4535 feet, and from 4535 feet to 4808 feet  
Cable tools were used from 0 feet to 175 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

2-23, 1957 Put to producing \_\_\_\_\_, 1957

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. 1,024,000 M.V. 3,577,000 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. P.C. 656 M.V. 1031 A.O.F. = P.C. 1036 MCF/D M.V. 4566

**EMPLOYEES**

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM-	TO-	TOTAL FEET	FORMATION
0	798	798	Tan to gry cr-grn ss interbedded w/gry sh.
798	1048	250	Ojo Alamo ss. White cr-grn s.
1048	1872	824	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1872	2308	436	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2308	2435	127	Pictured Cliffs forma. Gry, fine-grn, tight, varicolored soft ss.
2435	3870	1435	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
3870	4068	198	Cliff House ss. Gry, fine-grn, dense sil ss.
4068	4617	549	Menefee forma. Gry, fine-grn s, carb sh & coal.
4617	4725	108	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
4725	4808	83	Mancos formation. Gry carb sh.




# LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

The information given herewith is a complete and correct record of the well and all work done thereon to date and is based on all available records. 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.

Original Signed EWELL N. WALSH

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## OIL OR GAS SANDS OR SOBERS

2-18-57 I.D. 4808. Temp. 80.8. Water 4500. Water Trac Pictured Cliffs thru 39,200' sand (divided with 50 rubber balls). Breakdown pressure 1800-1600#. Average treating pressure 1050-1200#. Injection rate 66.4 bbls./min. Flush 2000 Gallons.

2-18-57 I.D. 4808. Temp. 80.8. Water 4710. Water Trac Point Lookout thru 49,800' water & 60,000' sand (divided with 60 rubber balls). Breakdown pressure 1300-1500#. Average treating pressure 1100-1250#. Injection rate 15.9 bbls./min. Flush 10,000 Gallons.

## HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 10-43094-2

FORMATION	TOTAL FEET	TO-	FROM-
<b>SHOOTING RECORD</b>			
Time	Depth	Charge	Result
<b>TOOLS USED</b>			
Tool	Depth	Remarks	
<b>PLUGS AND ADAPTERS</b>			
Material	Depth	Remarks	
<b>MUDGING AND CEMENTING RECORD</b>			
Material	Depth	Remarks	

ORIGINAL FILED