

U. S. LAND OFFICE **Alamogordo**
SERIAL NUMBER **Cont. 444-Dr. 123**
LEASE OR PERMIT TO PROSPECTUNITED 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 **Alamogordo** Field **Alamogordo P.C. Ext** State **New Mexico**
Well No. **5-2** Sec. **27** T. **23N** R. **4W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **990** ft. [N.] of **2** Line and **905** ft. [E.] of **4** Line of **Sec. 27** Elevation **6901**
(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 2, 1957**Title **Petroleum Engineer**

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

Commenced drilling **4-21**, 19**57** Finished drilling **4-24**, 19**57**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3160** to **3219 (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	P. H.	S. N.	121'	Howe				Surface
5 1/2"	17.5	P. H.	S. N.	3003'	Howe				Prod. Log.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	13'	100	Circulated		
5 1/2"	3270	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

TOOLS USED

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

DATES

_____ 19**57** Put to producing _____, 19____
6-30

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 **4,427,000** gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **994**

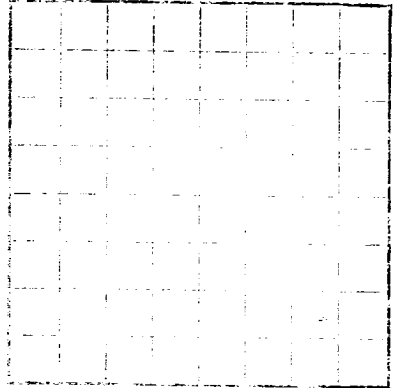
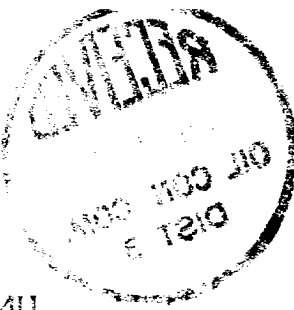
EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	2606	2606	San to gry cr-gra as interbedded w/gry sh.
2606	2805	179	Ojo Alamo ss. White cr-gra s.
2805	3017	212	Kirtland form. Gry sh interbedded w/tight gry. fine-gra ss.
3017	3160	143	Fruitland form. Gry carb sh, scattered coals, coals, and gry, tight, fine-gra ss.
3160	3219	59	Pictured Cliffs form. Gry, fine-gra, tight, varicolored soft ss.
3219	3270	51	Lewis formation. Gry to white dense sh w/silty to shaly as breaks.

FORMATION RECORD—Continued



LOG OF OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PLEASE OR PERMIT TO PROCEED
SERIAL NUMBER
U. S. LAND OFFICE

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Completed drilling and completion log, 1944. Finished drilling and completion log, 1944. The summary on this page is for the condition of the well at above date.

OIL OR GAS SANDS OR SOLIDS

[illegible]

INFORMANT WATER AND

5-13-97 C. O. 3280 FIFT. 1160-95-1160-95 W/ 2 SET FIVE W/ 50,500 SET. VACANT
RMA 40,000 BUND. PLUSH W/ 6000 SET. I. R. 56 TOL / MIN. MIN. 22.
1800F, BAR, PR. 1750F.

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 "sacked" or left in the well, give 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.

HISTORY OF OIL OR GAS WELL

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2002