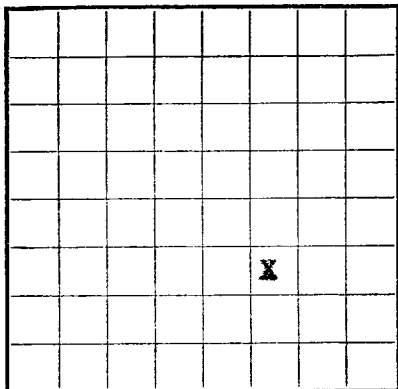




LOCATE WELL CORRECTLY

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.U. S. LAND OFFICE **3F**
SERIAL NUMBER **001325**
LEASE OR PERMIT TO PROSPECTUNITED STATES **RECEIVED**
DEPARTMENT OF THE INTERIOR **AUG 9 1957**
GEOLOGICAL SURVEY U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company **El Paso Natural Gas Company** Address **Box 997, Farmington, New Mexico**
Lessor or Tract **Bolack** Field **Otero P. C. Ext.** State **New Mexico**
Well No. **1-E** Sec. **35** T. **24N** R. **6W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **1850** ft. **N** of **A** Line and **1650** ft. **E** of **B** Line of **Sec. 35** Elevation **6636'**
(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. **Original Signed D. C. Johnston**
SignedDate **July 31, 1957** Title **Petroleum Engineer**

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

Commenced drilling **6-22**, 19 **57** Finished drilling **6-24**, 19 **57**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2041** to **2120 (6)** 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 casing	Cut and pulled from	Perforated		Purpose
							From	To	
8 5/8"	24	8 MA.	J-55	105'	Run in				Surface
5 1/2"	19.5	8 MA.	J-55	2057'	Run in				Prod. Cag.
1 1/4"	2.3	8 MA.	J-55	2057'	Run in				Prod. Cag.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	155'	100	Stirulated		
5 1/2"	2135'	170	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 **0** feet to **2135** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ **7-4**, 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 **4,000 - 3372 MCF/D** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **689**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	1505	1505	Tan to gry cr-grn as interbedded w/gry sh.
1505	1645	140	Ojo Alamo ss. White cr-grn s.
1645	1910	265	Kirtland form. Gry sh interbedded w/tight gry fine grn ss.
1910	2041	131	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight fine-grn ss.
2041	2120	79	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2120	2135	15	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

FORMATION RECORD—Continued

2 157 11-24 1017 1017 1017 1017
11-12-21 1017 1017 1017 1017

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UNITED STATES GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
WASHINGTON, D. C.

LINE 240 310 320 330 340

Digital Signed J.C. Johnston

1. The first page of the report is the title page. It contains the title of the report, the author's name, and the date of the report.

1. DATE OF BIRTH AND SEX
 (a) DATE OF BIRTH (b) SEX
 (c) DATE OF BIRTH (d) SEX
 (e) DATE OF BIRTH (f) SEX
 (g) DATE OF BIRTH (h) SEX
 (i) DATE OF BIRTH (j) SEX
 (k) DATE OF BIRTH (l) SEX
 (m) DATE OF BIRTH (n) SEX
 (o) DATE OF BIRTH (p) SEX
 (q) DATE OF BIRTH (r) SEX
 (s) DATE OF BIRTH (t) SEX
 (u) DATE OF BIRTH (v) SEX
 (w) DATE OF BIRTH (x) SEX
 (y) DATE OF BIRTH (z) SEX

15-3-4

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 bailing.

HISTORY OF OIL OR GAS WELL

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[illegible]