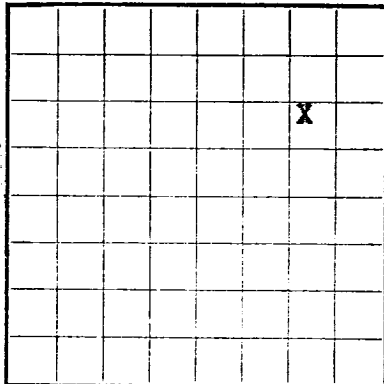


Santa Fe

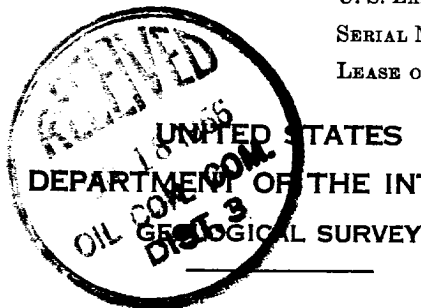
U. S. LAND OFFICE 077986

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT I-Sec. 731



LOCATE WELL CORRECTLY



LOG OF OIL OR GAS WELL

Company **El Paso Natural Gas Company** Address **Box 997, Farmington, New Mexico**
Lessor or Tract **Huerfano Unit** Field **Wildcat** State **New Mexico**
Well No. **49** Sec. **5** T. **26N** R. **9W** Meridian **NMPM** County **San Juan**
Location **1650** ft. **N** of **990** ft. **E** of **E** Line of **Section 5** Elevation **6501'**
(Denote gas by G)

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 **E. S. Olsh** Title **Petroleum Engineer**
Date **April 6, 1956**

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

Commenced drilling **January 13**, 19**56** Finished drilling **February 16**, 19**56**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)
No. 1, from **2247** to **2310 (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.E.	S.W.	121'	Howco				Surface
7"	20#	8 RD	J-55	2237'	Howco				2504' CAS.
1 1/4"	4.3#	8 RD	Grade 5	2237'					From 186'

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	133'	100	Circulated		
7"	2247'	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
		See Well History.				

TOOLS USED

Rotary tools were used from **0** feet to **2248** feet, and from _____ feet to _____ feet
Cable tools were used from **2248** feet to **2310** feet, and from _____ feet to _____ feet

DATES

February 17, 19**56** 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 **399,000** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **651**

EMPLOYEES

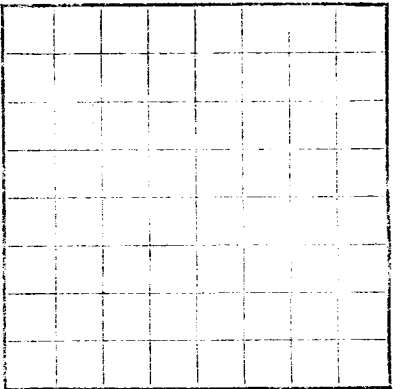
_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	380	380	Tan cr-grn ss w/thin sh breaks.
380	625	245	Variegated sh w/thin ss breaks.
625	1308	683	Tan to gry cr-grn ss interbedded w/gry sh.
1308	1528	220	Ojo Alamo ss. White cr-grn s.
1528	2003	475	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2003	2247	244	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2247	2310 T.D.	63	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.

FROM— TO— TOTAL FEET (OVER) FORMATION 16-48004-3

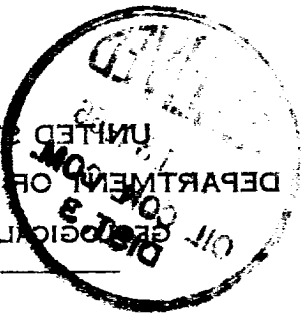
FORMATION RECORD—Continued



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
BUREAU OF GEOLOGICAL SURVEY
UNITED STATES



Revised 1933, No. 10-10-33
Approved 1933, No. 10-10-33

U.S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

DATE

Company _____
Location _____
Well No. _____
Section _____
T. _____
R. _____
S. _____
E. _____
N. _____
W. _____
of _____
line and _____
ft. _____
of _____
line of _____
ft. _____
Elevation _____
County _____
State _____
Field _____
Address _____
City _____
State _____
Zip _____

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 _____
Title _____
Date _____

Commenced drilling _____
Finished drilling _____
The summary on this page is for the condition of the well at above date.

OIL OR GAS SANDS OR ZONES
(Devote space to G)
No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____

IMPORTANT WATER SANDS
No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____

SHOOTING RECORD
Size _____
Weight _____
Type _____
Quantity _____
Date _____
Depth _____
Depth cleaned out _____
Remarks _____

TOOLS USED
Rotary tools were used from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet.
Punch tools were used from _____ feet to _____ feet.
Put to producing _____
The production for the first 24 hours was _____
It gas well, cut for 24 hours _____
Rock pressure per sq. in. _____
Emulsion; _____
Water; and _____
Sediment _____
Gallons gasoline per 1000 cu. ft. of gas _____
Gravity _____
Pumps of fluid in which _____ was oil; _____
Put to producing _____

DATES
Put to producing _____
The production for the first 24 hours was _____
It gas well, cut for 24 hours _____
Rock pressure per sq. in. _____
Emulsion; _____
Water; and _____
Sediment _____
Gallons gasoline per 1000 cu. ft. of gas _____
Gravity _____
Pumps of fluid in which _____ was oil; _____
Put to producing _____

EMPLOYERS
Driller _____
Driller _____
Driller _____

FORMATION RECORD
FROM _____
TO _____
TOTAL FEET _____
FORMATION _____

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