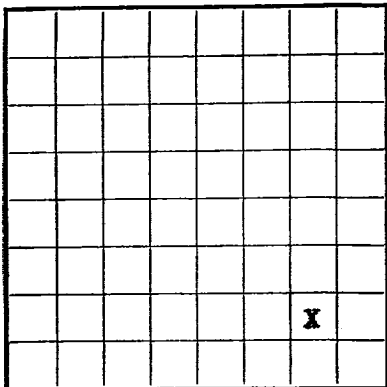
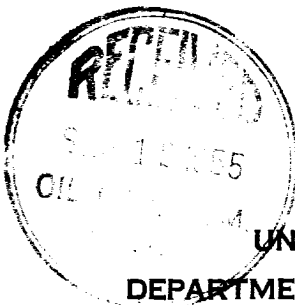




LOCATE WELL CORRECTLY



U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **079485**
LEASE OR PERMIT TO PROSPECT **14-08-001-1056**

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 **San Juan 30-4 Unit** Field **E. Blanco F.C.** State **New Mexico**
Well No. **8** Sec. **16** T. **30N** R. **4W** Meridian **NMPM** County **Rio Arriba**
Location **990** ft. **N.** of **S.** Line and **990** ft. **W.** of **E.** Line of **Section 16** Elevation **7579'**
(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 **[Signature]**

Date **August 17, 1955** Title **Petroleum Engineer**

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

Commenced drilling **May 23,** 19**55** Finished drilling **June 14,** 19**55**

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

No. 1, from **4345** to **4412 TD (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"	16.7#	P.E.	S.W.	4351'	Howco				Production
2"	4.7	8 RD	J-55	4351'	Howco				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	135'	100	Circulated		
7"	4351'	250	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
		Completed Natural				

TOOLS USED

Rotary tools were used from **0** feet to **4351** feet, and from **4351** feet to **4412** feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

June 15, 19**55** 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 **25,000,000** **Absolute Open Flow** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **1171**

EMPLOYEES

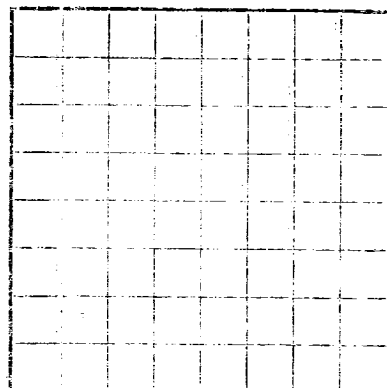
_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	950	950	Tan cr-grn ss w/thin sh breaks.
950	1600	650	Variegated sh w/thin ss breaks.
1600	3842	2242	Tan to gry cr-grn ss interbedded w/gry sh.
3842	3952	110	Ojo Alamo ss. White cr-grn s.
3952	4040	88	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
4040	4345	305	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
4345	4412 (TD)	67	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company _____
Lessor or Tract _____
Well No. _____
Section _____ Township _____ Range _____
Location _____
The information given herewith is a complete and correct record of the well and all work done thereon
as far as can be determined from all available records.
Signed _____
Title _____
Date _____

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

Commenced drilling _____ 19____
Finished drilling _____ 19____

OIL OR GAS SANDS OR ZONES

(Denotes gas by G)

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

CASING RECORD

Casing	Weight per foot	Thickness in feet	Material	Amount	Kind of shoe	Foot and pulled from	Remarks

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

MUDGING AND CEMENTING RECORD

Kind of mud	Amount of mud used	Kind of gravel	Method used	Number sacks of cement	Remarks	Size of casing

PLUGS AND ADAPTERS

Adapter—Material _____
Hearing plug—Material _____
Length _____
Depth _____

SHOOTING RECORD

Size	Amount used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Relay 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

Put to producing _____ 19____
The production for the first 24 hours was _____ barrels of fluid of which _____ was oil and _____ gas.
It gas well, on ft. per 24 hours _____
Block pressure, lbs. per sq. in. _____
Analysis: _____% water and _____% sediment.

EMPLOYEES

Driller _____
Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10	Gravelly sand, yellowish, fine-grained, silty, and shaly, with thin layers of clay and silt.
10	20	20	Gravelly sand, yellowish, fine-grained, silty, and shaly, with thin layers of clay and silt.
20	30	30	Gravelly sand, yellowish, fine-grained, silty, and shaly, with thin layers of clay and silt.
30	40	40	Gravelly sand, yellowish, fine-grained, silty, and shaly, with thin layers of clay and silt.
40	50	50	Gravelly sand, yellowish, fine-grained, silty, and shaly, with thin layers of clay and silt.
50	60	60	Gravelly sand, yellowish, fine-grained, silty, and shaly, with thin layers of clay and silt.
60	70	70	Gravelly sand, yellowish, fine-grained, silty, and shaly, with thin layers of clay and silt.
70	80	80	Gravelly sand, yellowish, fine-grained, silty, and shaly, with thin layers of clay and silt.
80	90	90	Gravelly sand, yellowish, fine-grained, silty, and shaly, with thin layers of clay and silt.
90	100	100	Gravelly sand, yellowish, fine-grained, silty, and shaly, with thin layers of clay and silt.