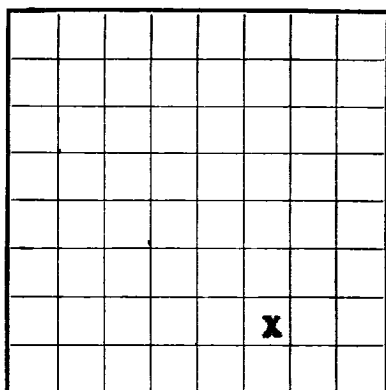
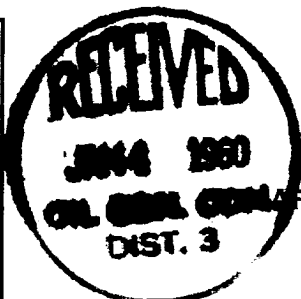




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE **Navajo-Tribal Com.**
SERIAL NUMBER **14-20-603-734**
LEASE OR PERMIT NO. **14-20-603-734****RECEIVED**
DEC 30 1959
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company **El Paso Natural Gas Products Co.** Address **Box 1545, Farmington, New Mexico**
Lessor or Tract **Horseshoe Navajo** Field **Horseshoe Gallup** State **New Mexico**
Well No. **7** Sec. **5** T. **20N** R. **16W** Meridian **NMPM** County **San Juan**
Location **990** ft. **N.** of **S.** Line and **1450** ft. **E.** of **E.** Line of **Section 5** Elevation **5280'**
(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 BY: JOHN J. STROJEKDate **December 28, 1959**Title **Petroleum Engineer**

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

Commenced drilling **November 25**, 19**59** Finished drilling **November 28**, 19**59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **1022** to **1040** 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"	25.00	8-1/2"	API	1140-1150	Conventional	1022	1022	1040	Surface
5-1/2"	13.50	8-1/2"	API	1140-1150	Conventional	1022	1022	1040	Production
HISTORY OF THE WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	107.01	135	Circulated		
5-1/2"	1149.13	50	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 **1150** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

December 2, 19**59** Put to producing **December 17**, 19**59**
The production for the first 24 hours was **75** barrels of fluid of which **100** % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, **°Bé 9** **API 40.2**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	785	785	Mancos Form. Gy. carb. shale.
785	1131	346	Gallup Form. Lt. gy. to brn. calc. carb. micaceous glauconitic. Very fn. to med. gr. ss. w/irreg. lmbd. shale.
1131	1150	19	Sanctus Form. Dk. gy. calc. v/fn. to fn. gy. ss. w/calc. veins, w/irreg. lmbd. dk. gy. sand.
TOPS ARE FROM ELECTRIC LOGS AND RADIOACTIVITY LOGS.			

UNITED STATES

GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares.

Date _____
 Section _____
 Township _____
 Range _____
 Meridian _____
 County _____
 State _____
 Address _____
 Location _____ of _____ line and _____ of _____ line of _____
 Elevation _____
 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 _____
 Original signed by: JOHN J. STROJER

Commenced drilling _____, 19____
Finished drilling _____, 19____
The summary on this page is for the condition of the well at above date.

OIL OR GAS SANDS OR ZONES

(Derecho de la G)

12-2-59	No. 3, from	805 parts. - 66.460 gals. oil and 100.0000 G.O. and sand. Gravel with	to
	No. 1, from	1260 gals. oil. Injection Rate: 27.0 gals./min. Maximum Pressure 900 psi; Breakdown Pressure 2000 psi; Average Reading of	to
	No. 3, from	Pressure 870 psi. Injection 27.0 gals./min. Maximum Pressure 2000 psi; Average Reading of	to
	No. 3, from	100 psi increase.	to
	No. 6, from		to
	No. 3, from		to
	No. 1, from		to
	No. 4, from		to

CASING RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, together with reasons for the work and its results. If there are any changes made in the casing, state date, size and type of casing, and number of joints or sections. If the well has been dynamited, give date, size, position, and number of joints or sections. If things or bridges were put in to test for water, state kind of material used, position, and results of pumping or testing.

Casing per foot	Weight per foot	Thickness per inch	Make	Amount	Kind of shoe	Cut and pulled from	From	To	Purposes
Special Features									
Performed									

U. S. GOVERNMENT PRINTING OFFICE 10-45004-2

HISTORY OF OIL OR GAS WELL

[illegible]

PLUGS AND ADAPTERS

Size	Spill used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
				Jan 14 1944		

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
				Jan 10 1902		

TOOLS USED

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

DATA

The production for the first 24 hours was emulsion; % water; and % sediment.	If gas well, cu. ft. per 24 hours Gravity, °Bé.
Put to producing	Gallons gasoline per 1,000 cu. ft. of gas

EMPLOYEES

	Differ	Differ	Differ
--	--------	--------	--------

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
110	100	10	100-110
100	90	10	90-100
90	80	10	80-90
80	70	10	70-80
70	60	10	60-70
60	50	10	50-60
50	40	10	40-50
40	30	10	30-40
30	20	10	20-30
20	10	10	10-20
10	0	10	0-10

FORMATION RECORD—Continued