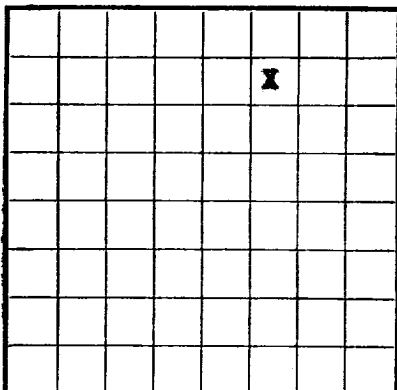
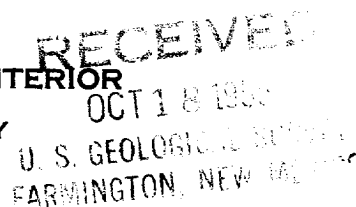




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079318
LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Rams Field So. Blanco P.C. State New Mexico
Well No. 3-A Sec 25 T. 26N R. 6W Meridian BNM County Rio Arriba
Location 990 ft. 100 of N Line and 1650 ft. 100 of E Line of Section 25 Elevation 6661'
(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 A. L. EllsworthDate October 14, 1955 Title Petroleum Engineer

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

Commenced drilling August 27, 1955 Finished drilling September 17 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2990 to 3015 (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 _____
No. 5, from _____ to _____ No. 6, from _____ to _____

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9 5/8"	25.14	P.E.	B.W.	121'	Howe				Surface
5 1/2"	16.84	P.E.	B.W.	300'	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"	133'	100	Circulated		
5 1/2"	2990'	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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 2990 feet to 3050 feet, and from _____ feet to _____ feet

DATES

Sept. 18, 1955 Put to producing _____, 1955

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 7,516,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 967

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1135	1135	Tan cr-grn ss w/thin sh breaks.
1135	1915	780	Variegated sh w/thin ss breaks.
1915	2475	560	Tan to gry cr-grn ss interbedded w/gry sh.
2475	2560	85	Ojo Alamo ss. White cr-grn s.
2560	2835	275	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2835	2990	155	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2990	3050 T.D.	60	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.

U.S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

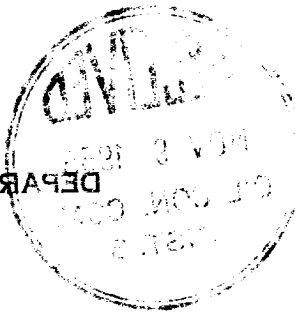
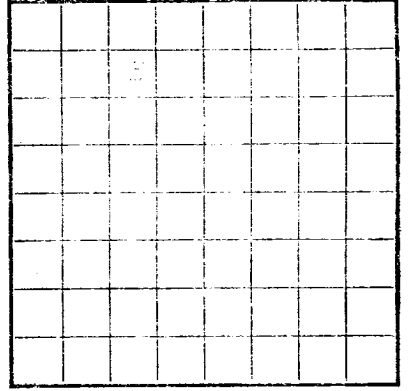
UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY



Company _____
Lessor or Trust _____
Well No. _____
Location _____
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 _____
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

(Denote gas by G)

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

IMPORTANT WATER SANDS

No. 1, from _____ to _____
30.57 gals./min. flush 3050 gallons water. Natural gas 260 MCF/D.
Pressure 1300#, maximum pressure 1300#, injection rate
treated 2990, to 3050, with 19,100 gallons water and 30,000 sand. Breakdown
Sept. 17, 1955 water consumed 10,000 gal. Total depth 3050. Interval

Casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	From	To	Purpose

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 "squeaked" or "set" 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

10-45084-2 U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

Casing	Weight per foot	Threads per inch	Number sacks of cement	Method used	Mud gravity	Amount of mud used

PLUGS AND ADAPTERS

Heaving plug—Material _____
Adapters—Material _____
Length _____
Size _____

SHOOTING RECORD

Size	Shot 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

DATES

The production for the first 24 hours was _____ barrels of fluid of which _____ was oil; _____ Put to producing _____, 19____
If gas well, cu. ft. per 24 hours _____ Rock pressure, lbs. per sq. in. _____
Emulsion; _____ water; and _____ sediment.

EMPLOYEES

Driller _____
Driller _____
Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2500	2510	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2510	2520	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2520	2530	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2530	2540	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2540	2550	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2550	2560	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2560	2570	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2570	2580	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2580	2590	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2590	2600	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2600	2610	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2610	2620	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2620	2630	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2630	2640	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2640	2650	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2650	2660	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2660	2670	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2670	2680	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2680	2690	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2690	2700	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2700	2710	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2710	2720	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2720	2730	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2730	2740	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2740	2750	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2750	2760	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2760	2770	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2770	2780	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2780	2790	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2790	2800	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2800	2810	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2810	2820	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2820	2830	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2830	2840	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2840	2850	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2850	2860	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2860	2870	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2870	2880	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2880	2890	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2890	2900	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2900	2910	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2910	2920	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2920	2930	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2930	2940	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2940	2950	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2950	2960	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2960	2970	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2970	2980	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2980	2990	10	Dark gray shale, thin bedded, silty, with thin layers of sand.
2990	3000	10	Dark gray shale, thin bedded, silty, with thin layers of sand.