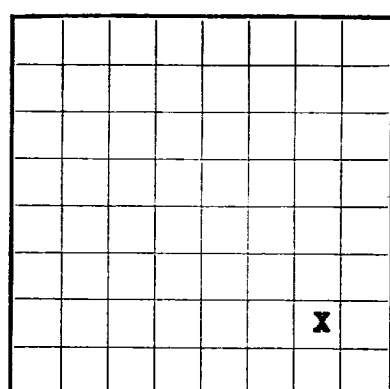
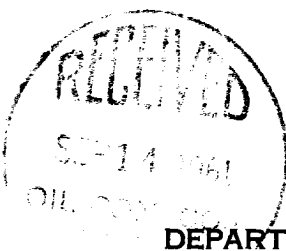




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 077980-A
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract Rio Arriba Unit Field Basin Dakota State New Mexico
Well No. 126 Sec. 5 T. 26-N R. 9-W Meridian N.M.P.M. County San Juan
Location 1180 ft. XX of S Line and 990 ft. XX of E Line of Section 5 Elevation 6449
(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 A.M. SMITHDate September 11, 1961 Title Petroleum Engineer

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

Commenced drilling 7-13-, 19 61 Finished drilling 7-30-, 19 61

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6553 to 6652 (G) No. 4, from _____ to _____
No. 2, from 6652 to 6790 (G) 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"	13.30	8	J-55	6746	Blow	Surface			Surface
4 1/2"	5.5	8	J-55	6791	Blow	Intermediate			Intermediate
2 7/8"	4.7	8 rd	J-55	6746	Blow	Prod. tubing			Prod. tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	301	200	circulated		
4 1/2"	6802	510	2-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
6684-90; 6694-6700;	Frac Dakota w/60,000 gal water, 60,000# sand.	F1 w/8400 gal.	IR 28.5 BPM.			
6750-56; 6760-66;	MP 4000#, MP 2000#, Fr pr 3700#.					
6586-6600;	Frac Gran w/30,000 gal water, 30,000# sand.	F1 w/6930 gal.	IR 37.1 BPM.			
	MP 3300#, MP 2500#, Fr pr 3300-3300#.					

Rotary tools were used from 0 feet to 6813 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

8-17-61, 19____ 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 3,465,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 2066 A.O.F. 3832 MCF/D

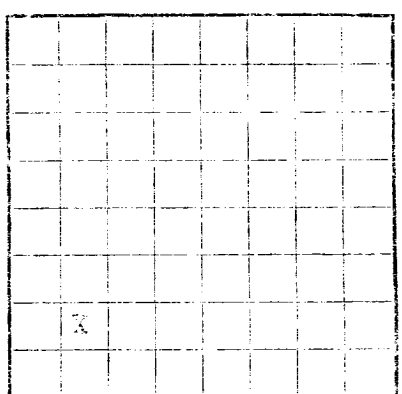
EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1258	1258	Tan to gry cr-grn ss interbedded w/gry sh.
1258	1407	149	Ojo Alamo ss. White cr-grn s.
1407	1923	516	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1923	2172	249	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2172	2234	62	Pictured Cliffs form Gry, fine-grn, tight, varicolored soft ss.
2234	3712	1478	Lewis form. Gry, fine-grn, dense sil ss.
3712	3790	78	Cliff House ss. Gry, fine-grn dense sil ss.
3790	4532	742	Manefee form. Gry, fine-grn s, carb sh & coal.
4532	4624	92	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
4624	5636	1012	Mancos form. Gry carb sh.
5636	6211	575	Gallup form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh.
6211	6500	289	Sancostee form. Drk gry calc very fine to fine gry ss w/calc veins w/irreg inter drk gry s.
6500	6553	53	Greenhorn form. Highly calc gry sh w/thin lmst.
6553	6652	99	Graneros form. Dk gry sh, fossil & carb w/prite incl.
6652	6790	138	Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/prite incl thin sh bands clay & shale breaks.
6790	6813	23	Morrison form. Interbed grn brn & waxy sh & fr

FORMATION RECORD—CONTINUED



LOCATE WELL CORRECTLY

**DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Washington, New Mexico
 Lessor or Trust Merriano Unit Merriano Field San Juan State New Mexico
 Well No. 125 Sec. 2 T. 36-N R. 9-W Meridian N.M.P.M. County San Juan
 Elevation 1150 ft. of W line and 300 ft. of E line of Section 2
 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 September 11, 1931 Perceval Engineer

It is recommended on this page for the condition of the well at above date
 Completed drilling 1931 Finished drilling 1931

OIL OR GAS SANDS OR ZONES

No. 1, from 125 to 125 (G) No. 4, from to to
 No. 2, from 125 to 125 (G) No. 5, from to to
 No. 3, from to to No. 6, from to to

IMPORTANT WATER SANDS

No. 1, from to to No. 3, from to to
 No. 2, from to to No. 4, from to to

CASING RECORD

Casing	Size	Length	Threads per foot	Make	Amount	Kind of shoe	Cut and pulled from	Purposes

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 changes made in the casing, state why, and if any pumps were constructed, 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, test for water, state kind of material used, position, and results of pumping or running.

HISTORY OF OIL OR GAS WELL

19-15094-2 U. S. GOVERNMENT PRINTING OFFICE
 19-15094-2

MUDDING AND CEMENTING RECORD

Casing	Size	Weight per foot	Number sacks of cement	Method used	Mud ratio	Amount of mud used

PLUGS AND ADAPTERS

Plugs and adapters	Size	Length	Depth set

SHOOTING RECORD

Shot	Depth from	Depth to	Date	Quantity	Depth cleaned out

Rotary 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

The production for the first 24 hours was 1.00 barrels of fluid of which 0.00 was oil; 1.00 was gas.
 If gas well, on ft. per 24 hours 3.462,001
 Rock pressure, last per set, in 2000
 Put to producing 1931
 Barrels of fluid of which 0.00 was oil; 1.00 was gas.
 Gallons gasoline per 1,000 cu. ft. of gas A.C.F. 3.462 MTD
 Gravity 1.00

EMPLOYEES

Employee	Position	Pay

FORMATION RECORD

FORMATION	TO -	FROM -	TOTAL FEET
Thin to gray sh. as interbedded w/gray sh.	1525	0	1525
Gray sh. as interbedded w/gray sh.	1407	1525	118
Gray sh. as interbedded w/gray sh.	1363	1407	44
Gray sh. as interbedded w/gray sh.	1319	1363	44
Gray sh. as interbedded w/gray sh.	1275	1319	44
Gray sh. as interbedded w/gray sh.	1231	1275	44
Gray sh. as interbedded w/gray sh.	1187	1231	44
Gray sh. as interbedded w/gray sh.	1143	1187	44
Gray sh. as interbedded w/gray sh.	1099	1143	44
Gray sh. as interbedded w/gray sh.	1055	1099	44
Gray sh. as interbedded w/gray sh.	1011	1055	44
Gray sh. as interbedded w/gray sh.	967	1011	44
Gray sh. as interbedded w/gray sh.	923	967	44
Gray sh. as interbedded w/gray sh.	879	923	44
Gray sh. as interbedded w/gray sh.	835	879	44
Gray sh. as interbedded w/gray sh.	791	835	44
Gray sh. as interbedded w/gray sh.	747	791	44
Gray sh. as interbedded w/gray sh.	703	747	44
Gray sh. as interbedded w/gray sh.	659	703	44
Gray sh. as interbedded w/gray sh.	615	659	44
Gray sh. as interbedded w/gray sh.	571	615	44
Gray sh. as interbedded w/gray sh.	527	571	44
Gray sh. as interbedded w/gray sh.	483	527	44
Gray sh. as interbedded w/gray sh.	439	483	44
Gray sh. as interbedded w/gray sh.	395	439	44
Gray sh. as interbedded w/gray sh.	351	395	44
Gray sh. as interbedded w/gray sh.	307	351	44
Gray sh. as interbedded w/gray sh.	263	307	44
Gray sh. as interbedded w/gray sh.	219	263	44
Gray sh. as interbedded w/gray sh.	175	219	44
Gray sh. as interbedded w/gray sh.	131	175	44
Gray sh. as interbedded w/gray sh.	87	131	44
Gray sh. as interbedded w/gray sh.	43	87	44
Gray sh. as interbedded w/gray sh.	-1	43	44

FORMATION RECORD—Continued

19-15094-2 U. S. GOVERNMENT PRINTING OFFICE
 19-15094-2