

[illegible]

LOCATE WELL CORRECTLY

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 San Juan 27-4 Unit Field Blanco Mesa Verde State New Mexico
 Well No. 31 Sec. 7 T. 27N R. 4W Meridian N.M.P.M. County Rio Arriba
 Location 81.0 ft. ^[N.]~~[S.]~~ of S Line and 690 ft. ^[E.]~~[W.]~~ of W Line of Section 7 Elevation 6713
(Derive from relation 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 _____ Date September 29, 1961

Title Petroleum Engineer

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

Commenced drilling 7-11, 19 61 Finished drilling 7-20, 19 61

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ~~5243~~ to 5300 (a) No. 4, from _____ to _____

No. 2, from 5300 to 5567 (a) No. 5, from _____ to _____

No. 3, from 5567 to 5870 (a) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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 7/8	32.30	8 M.	J-55	163	Maker				Surface
7	28.00	8 Rd.	J-55	3805	Maker				Intermediate
4 1/2	11.56	8 M.	J-55	2197					Liner
1 1/4	2.44	8 Rd.	J-55	7701	Maker				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	176	170	Circulated		
7"	3220	120	Single		
4 1/2	5941	260	Single		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 3820 feet, and from 3820 feet to 5941 feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

1 DATES

-----8-16-----, 19-61 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 394,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 112 A.O.F. = 4304 MCF/D

EMPLOYEES

-----, Driller
-----, Driller
-----, Driller

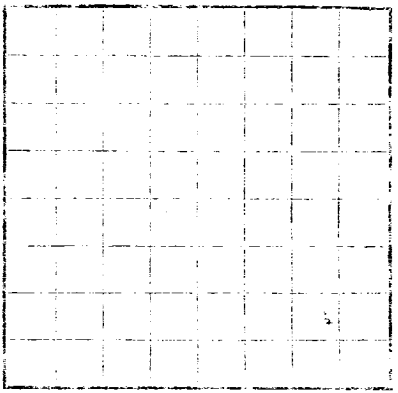
FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	2970	2970	Tan to gry cr-grn ss interbedded w/gry sh.
2970	3120	150	Ojo Alamo ss. White cr-grn s.
3120	3339	219	Kirtland form. Gry sh interbedded v/tight gry fine-grn ss.
3339	3609	270	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3609	3668	59	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3668	5243	1575	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5243	5300	57	Cliff House ss. Gry, fine-grn, dense sil ss.
5300	5567	267	Mansfee form. Gry, fine-grn s, carb sh & coal.
5567	5870	303	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5870	5941	71	Mancos formation. Gry carb sh.

U. S. GEOLOGICAL SURVEY
BUREAU OF MINERAL INVESTIGATION
WASHINGTON, D. C. 20540

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company: El Paso Natural Gas Company
Address: Box 100, El Paso, Texas
Field: El Paso
Location of well: Section 10, T. 1N, R. 1E, S. 10E
Elevation of well: 5000
The information on this page is for the condition of the well at the time of completion.
Signed: [Signature]
Date: 10/1/50

Completed drilling: 10/1/50
Finished drilling: 10/1/50

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3500 to 3500
No. 2, from 3500 to 3500
No. 3, from 3500 to 3500

IMPORTANT WATER SANDS

No. 1, from 3500 to 3500
No. 2, from 3500 to 3500

CASING RECORD

Size casing	Weight per foot	Length	Amount	Kind of pipe	Cut and pulled from	Remarks
10 1/2"	45	100	4500	Steel	From surface	Used for casing

1- HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Size casing	Weight per foot	Length	Amount	Kind of pipe	Cut and pulled from	Remarks
10 1/2"	45	100	4500	Steel	From surface	Used for casing

SHOOTING RECORD

Size casing	Weight per foot	Length	Amount	Kind of pipe	Cut and pulled from	Remarks
10 1/2"	45	100	4500	Steel	From surface	Used for casing

TOOLS USED

Rotary tools were used from 3500 to 3500
Cable tools were used from 3500 to 3500

EMULSION

The production for the first 24 hours was 100 barrels of oil, 100 barrels of water, and 100 barrels of gas.
It was well, oil, gas, and water.
Rock pressure, 1000 psi.
Differential pressure, 1000 psi.

FORMATION RECORD

FORMATION	TOTAL FEET	TO	FROM
Gravelly sand, light gray, fine-grained, silty, with some pebbles of quartzite and granite.	100	3500	3600
Coarse sand, light gray, fine-grained, silty, with some pebbles of quartzite and granite.	100	3600	3700
Medium sand, light gray, fine-grained, silty, with some pebbles of quartzite and granite.	100	3700	3800
Fine sand, light gray, fine-grained, silty, with some pebbles of quartzite and granite.	100	3800	3900
Very fine sand, light gray, fine-grained, silty, with some pebbles of quartzite and granite.	100	3900	4000
Silt, light gray, fine-grained, silty, with some pebbles of quartzite and granite.	100	4000	4100
Clay, light gray, fine-grained, silty, with some pebbles of quartzite and granite.	100	4100	4200
Shale, light gray, fine-grained, silty, with some pebbles of quartzite and granite.	100	4200	4300
Sandstone, light gray, fine-grained, silty, with some pebbles of quartzite and granite.	100	4300	4400
Gravelly sand, light gray, fine-grained, silty, with some pebbles of quartzite and granite.	100	4400	4500