

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **081294**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
 Lessor or Tract Federal Field Gavilan P. C. State New Mexico
 Well No. 14-A Sec. 14 T. 24N R. 2W Meridian N.M.P.M. County Rio Arriba
 Location 1700 ft. SW of N Line and 1520 ft. E of W Line of Section 14 Elevation 7320
 (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 R. G. MULLER

Date June 5, 1961 Title Petroleum Engineer

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

Commenced drilling 5-12, 1956 Finished drilling 5-18, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3351 to 3406 (a), No. 4, from 3406 (a) to 3406 (b),
No. 2, from 3406 (b) to 3406 (c), No. 5, from 3406 (c) to 3406 (d),
No. 3, from 3406 (d) to 3406 (e), No. 6, from 3406 (e) to 3406 (f).

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	93	50	BONCO		
5-1/2	3416	100	BONCO 2-Plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material..... Size.....

SHOOTING RECORD

[illegible]

TOOLS USED

TOOLS USED

Rotary tools were used from 0 feet to 3417 feet, and from _____ feet to _____ feet

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

DATES

P. A. A. 5-4-61, 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 P & A Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2994	2994	Tan to gry cr-grn ss interbedded w/gry sh.
2994	3176	182	Ojo Alamo ss. White cr-grn s.
3176	3251	75	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3251	3351	100	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3351	3417	66	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.

[OVER]

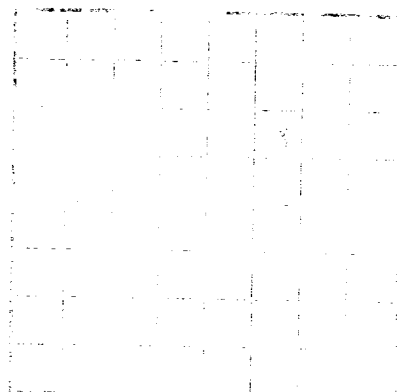
(OVER)
LOK/ELLION SECOND- COUNCIL

15-48094-2

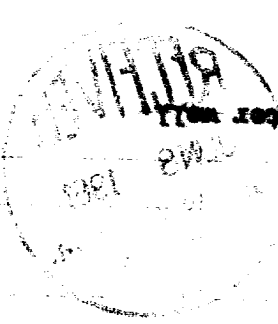
Service is
to be made
to the
Bureau of
Geological
Survey

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This well was plugged & abandoned in the following manner:
1. Spot 25 sacks cement plug across perforations 3374-3376.
2. Shot off 5 1/2" casing at 1200' and pulled.
3. Set cement plug from 1000' to 1200' with 25 sacks.
This well was turned over to the property owner for use as a water well.



3374-3376 broke formation down at 2250'. Pressured at 1500' I.R. 43.6 MM.
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 the 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, 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

FROM-	TO-	TOTAL FEET	FORMATION
0	500	500	Acetylened soft s.
500	600	100	Acetylened soft s.
600	700	100	Acetylened soft s.
700	800	100	Acetylened soft s.
800	900	100	Acetylened soft s.
900	1000	100	Acetylened soft s.
1000	1100	100	Acetylened soft s.
1100	1200	100	Acetylened soft s.
1200	1300	100	Acetylened soft s.
1300	1400	100	Acetylened soft s.
1400	1500	100	Acetylened soft s.
1500	1600	100	Acetylened soft s.
1600	1700	100	Acetylened soft s.
1700	1800	100	Acetylened soft s.
1800	1900	100	Acetylened soft s.
1900	2000	100	Acetylened soft s.
2000	2100	100	Acetylened soft s.
2100	2200	100	Acetylened soft s.
2200	2300	100	Acetylened soft s.
2300	2400	100	Acetylened soft s.
2400	2500	100	Acetylened soft s.
2500	2600	100	Acetylened soft s.
2600	2700	100	Acetylened soft s.
2700	2800	100	Acetylened soft s.
2800	2900	100	Acetylened soft s.
2900	3000	100	Acetylened soft s.
3000	3100	100	Acetylened soft s.
3100	3200	100	Acetylened soft s.
3200	3300	100	Acetylened soft s.
3300	3400	100	Acetylened soft s.
3400	3500	100	Acetylened soft s.
3500	3600	100	Acetylened soft s.
3600	3700	100	Acetylened soft s.
3700	3800	100	Acetylened soft s.
3800	3900	100	Acetylened soft s.
3900	4000	100	Acetylened soft s.
4000	4100	100	Acetylened soft s.
4100	4200	100	Acetylened soft s.
4200	4300	100	Acetylened soft s.
4300	4400	100	Acetylened soft s.
4400	4500	100	Acetylened soft s.
4500	4600	100	Acetylened soft s.
4600	4700	100	Acetylened soft s.
4700	4800	100	Acetylened soft s.
4800	4900	100	Acetylened soft s.
4900	5000	100	Acetylened soft s.