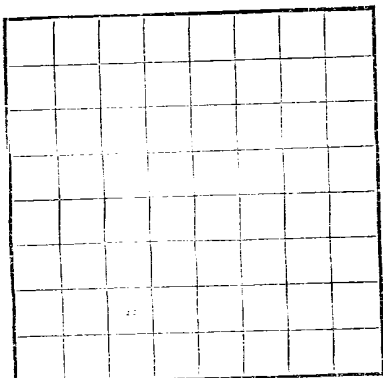


Santa Fe
U. S. LAND OFFICE
SERIAL NUMBER 079301-A
LEASE OR PERMIT TO PROSPECT

Form 9-330



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 997, Farmington, New Mexico
Lessor or Tract Rincon Unit Field Wildcat Dakota State New Mexico
Well No 125 (MD) Sec. 26 T. 27N R. 6W Meridian N.M.P.M. County Rio Arriba
Location 290 ft. N. of S. Line and 1050 ft. E. of W. Line of Section 26 Elevation 6632
(Derrick foot 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 & E. McWALLER
Date March 10, 1960 Title Petroleum Engineer

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

Commenced drilling 11-17, 19 59 Finished drilling 12-15, 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4910 to 5015 (G) No. 4, from 6415 to 6971 (G)
No. 2, from 5015 to 5423 (G) No. 5, from 7390 to 7537 (G)
No. 3, from 5423 to 5609 (G) No. 6, from 7537 to 7702 (G)

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—	
13-3/8	48	8 RA.	H-40	322	Howco				Surface
9-5/8	40 & 36	8 RA.	H-80 & J-55	3410	Baker				Intermediate
7"	23	8 RA.	"	7356	Baker				Prod. Csg.
5"	15	8 RA.	J-55	476	Baker				Prod. Liner
2"	4.7	8 RA.	J-55	7485					Prod. Tbg.
1-1/4	2.4	10 RA.	Grade A	5527					Siphon

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	334	240	circulated		
9-5/8	3421	190	single stage		
7"	7369	960	single stage		
5"	7283-7759	150	single stage & squeeze		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size Baker Model D Packer set at 6245'

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to 3420 feet, and from 3420 feet to 7600 feet
Cable tools were used from _____ feet to _____ feet, and from 7600 feet to 7761 feet

DATES

1-16, 19 60 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 11,554,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1131; D-2446 A.O.F. = M - 1577; D - 3671 227.1

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
	2463	2463	Tan to gry cr-grn ss interbedded w/gry sh.
2463	2700	237	Ojo Alamo ss. White cr-grn s.
2700	3010	310	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3010	3222	212	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3222	3296	74	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3296	4910	1614	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4910	5015	105	Cliff House ss. Gry, fine-grn, dense sil ss.
5015	5423	408	Menefee form. Gry, fine-grn s, carb sh & coal.
5423	5609	186	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5609	6415	806	Mancos formation. Gry carb sh.
6415	6971	556	Gallup form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh.
6971	7043	72	Tecito form. Fr to md grn sub angular to sub rd clr quartz sd glauco lt gr to tan.
7043	7332	289	Sanastee form. Dk gry calc very fine to fine gry ss w/calc veins w/irreg inter dk gry s.
7332	7390	58	Greenhorn form. Highly calc gry sh w/thin lnt
7390	7537	147	Grazeros form. Dk gry shale, fossil & carb w/prite incl.
7537	7702	165	Dakota form. Lt to dk gry foss carb sl calc silty ss w/pyrite incl thin sh bands & shale breaks.

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
7702	7761	59	Morrison form. Interbed grn brn & red waxy sh & fr to cr grn sd.

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

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 "sidetracked" 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 to test for water, state kind of material used, position, and results of pumping or bailing.

- 12-14-59 Perf. Dakota 7538-45; 7550-59; 7572-77; 7592-7603; 7613-21 (2 IN/ft) Spotted 500 gal. BDA on perforations. Frac. w/41,000 gal. oil & 41,000# sand. No MD. I.R. 45 BPM. Max. pr. 2700#, tr. pr. 2200-2600-2900-3700-3200#. Dropped 2 sets of 25 balls for 3 stages. Set CIBF At 7534'.
- 12-16-59 Perf. Graneros 7410-32; 7445-58; 7504-14 (2 IN/ft) Spotted 500 gal. BDA. Frac. w/43,800 gal. oil & 40,000# sand. MD pr. 2800#, I.R. 47 BPM, max. pr. 31100#, tr. pr. 2800-3100#. Dropped 2 sets of 25 balls for 3 stages.
- 12-20-59 Set bridge plug at 7374'. Water frac. Point Lookout perf. int. 5424-5434; 5440-5458; 5466-5482; 5492-5500; 5520-5528 w/62,388 gal. water and 60,000# sand. MD 1800#, max. pr. 1600#, avg. tr. pr. 1100#. I.R. 36.6 BPM. Flush 11,580 gallons.