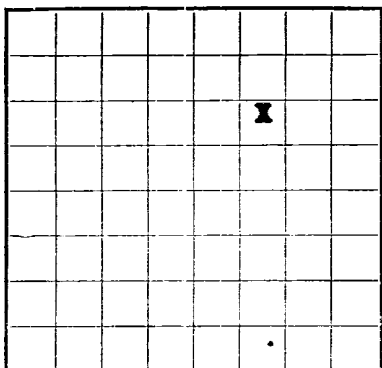


Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079521-A
LEASE OR PERMIT TO PROSPECT 14-08-001-949

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997 Farmington, New Mexico
Lessor or Tract San Juan 28-5 Unit Field Wildcat State New Mexico
Well No. 1 Sec. 29 T. 28N R. 5W Meridian N. M. P. M. County Rio Arriba
Location 1650 ft. S. of N. Line and 1650 ft. W. of E. Line of Section 29 Elevation 6718
(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 G. J. Tadlock

Date September 29, 1953 Title Petroleum Engineer

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

Commenced drilling July 25, 1953 Finished drilling September 18, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3545 to 3643 (G) No. 4, from _____ to _____
No. 2, from 5250 to 5878 (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	25.4	8. V.	Arco	160'	Howco				Surface
7"	23	8	National	100'	Saber				Prod. Log.
7"	20	8	National	100'	Saber				Prod. Log.
2"	4.7	8	Spang	5909					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	175	125	Circulated		
7"	5204	500	Sing. 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
Quart	Regular	S.H.G.	1620	9-19	5308-5939	5939

TOOLS USED

Rotary tools were used from 0 feet to 5204 feet, and from 5204 feet to 5939 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

September 21, 1953 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 2,310,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 903

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1565	1565	Tan cr-grn ss w/thin sh breaks.
1565	2018	453	Variegated sh w/thin ss breaks.
2018	2368	350	Tan to gry cr-grn ss interbedded w/gry sh.
2368	2523	155	Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 2368.
2523	3275	752	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 2523.
3275	3545	270	Fruitland formation. Gry carb sh, scattered coal and gry, tight, fine-grn ss. Top Fruitland 3275.
3545	3643	98	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 3545.
3643	5250	1607	Lewis formation. Gry to wh dense sh w/silty to shaly ss breaks. Top Lewis 3643.
5250	5368	118	Cliff House ss. Gry, fine-grn, dense sil ss. Top of Cliff House 5250.
5368	5762	394	Manefee formation. Gry, fine-grn s, carb sh and coal. Top Manefee 5368.
5762	5878	116	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks. Top Point Lookout 5762.
5878	5939	-----	Mancos formation. Gry carb sh. Top Mancos 5878.

FORM 9-330

(1)

LOGS REEL

(OVER)

FORMATION

16-43094-3

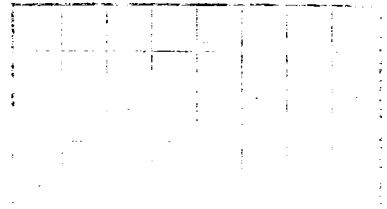
FORMATION RECORD—CONTINUED

LOG OF OIL AND GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES

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



1. Name of well
2. Location of well
3. Date of completion
4. Name of operator
5. Name of driller
6. Name of owner
7. Name of lessee
8. Name of agent
9. Name of engineer
10. Name of geologist

11. Name of geologist
12. Name of engineer
13. Name of agent
14. Name of lessee
15. Name of owner
16. Name of driller
17. Name of operator
18. Date of completion
19. Location of well
20. Name of well

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 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

FROM-	TO-	TOTAL FEET	FORMATION
0	100	100	Gravel and sand, 100 feet thick.
100	200	200	Sand, 100 feet thick.
200	300	300	Sand, 100 feet thick.
300	400	400	Sand, 100 feet thick.
400	500	500	Sand, 100 feet thick.
500	600	600	Sand, 100 feet thick.
600	700	700	Sand, 100 feet thick.
700	800	800	Sand, 100 feet thick.
800	900	900	Sand, 100 feet thick.
900	1000	1000	Sand, 100 feet thick.