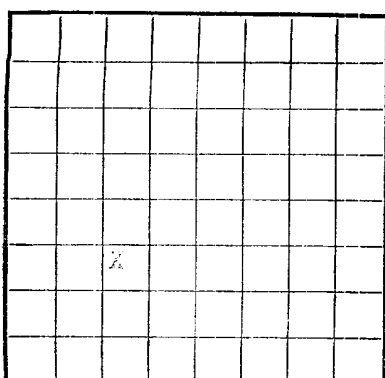




LOCATE WELL CORRECTLY

New Mexico
U. S. LAND OFFICE
SERIAL NUMBER 010516
LEASE OR PERMIT TO PROSPECT
14-06-001-949UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

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 Blanco State New Mexico
Well No. 7 Sec. 8 T. 28N R. 5W Meridian 10RPM County Rio Arriba
Location 1650 ft. [N.] of 3 Line and 1650 ft. [E.] of 4 Line of Section 8 Elevation 6325
(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 [Signature] Title Petroleum Engineer
Date June 15, 1955

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

Commenced drilling May 2, 19 55 Finished drilling May 20, 19 55

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3405 to 3535 (G) No. 4, from 5610 to 5760 (G)
No. 2, from 5220 to 5300 (G) No. 5, from _____ to _____
No. 3, from 5300 to 5610 (G) No. 6, from _____ to _____

IMPORTANT WATER SANDS

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

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	P.E.	S.F.	161'	Howco				Surface
7	23	P.E.	S.F.	101'	Howco				Surface
7	20	P.E.	S.F.	415'	Howco				Surface
2	4.7	P.E.	J-55	212'	Howco				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	172	125	Circulated		
7	5172	50	Single 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
		See Log History.				

TOOLS USED

Rotary tools were used from _____ feet to 5110 feet, and from 5110 feet to 5730 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

May 25, 19 55 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 2,237,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1043

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	360	360	tan cr-grn ss w/thin sh breaks.
360	735	425	Variegated sh w/ thin ss breaks.
735	2735	2000	tan to gry cr-grn ss interbedded w/gry sh.
2735	2836	51	Ojo Alamo ss. white cr-grn s.
2836	3162	326	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3162	3405	243	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3405	3535	130	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3535	5220	1685	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5220	5300	80	Cliff House ss. Gry, fine-grn, dense sil ss.
5300	5610	310	Manefee form. Gry, fine-grn s, carb sh & coal.
5610	5760	150	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5760	5780 B.D.	20	Manecos formation. Gry carb sh.

NOTATION

-0.4

TOTAL FEET

NOTATION

HISTORY OF OIL OR GAS WELL

16-48094-2 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.

May 10, 1965. Level depth 5310. Conductivity House. at Baker 22-B retrieved
 rebalanced at 5075. Interval treated 5175 - 5310. Treatment 13,700 gallons
 No. 2 diesel oil @ 11,000# the grain sand. Breakdown pressure 1500 psi.
 Maximum 2300 psi. Minimum 1650 psi. Injection rate 6.2 bbls/min. Pump with

Maximum 2500 psi, minimum 1000 psi, injection rate 0.2 cc/s. Return page 60

10-11-1964

[illegible]

006 - 1046 00283-19 TRAIEQUIT : 1046 120122AI

2. The above information was obtained from a confidential source who has provided reliable information in the past.

1960 PSI, MINIMUM PRESSURE 100 PSI, INJECTED RATE 0.9 BBL/S. MIN.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

10-10-70 04:20 PM

4. FIG. 20. 2. 3406 2.5. 1967. 1000

$\mathcal{H}^1(\mathbb{R}^n) \subset \mathcal{H}^1(\mathbb{R}^n)$ and $\mathcal{H}^1(\mathbb{R}^n) \subset \mathcal{H}^1(\mathbb{R}^n)$ are the Hardy spaces of functions of vanishing mean and of vanishing mean and vanishing mean, respectively.

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...the ...

1. *Phragmites australis* (Cav.) Trin. ex Steud. (Common reed)