

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **079319**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
U. S. GEOLOGICAL SURVEY
FARMINGTON

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
 Lessor or Tract Schwerdtfeger Field Blanco Ext. & So. State New Mexico
 Well No. 14-A(PM) Sec. 8 T. 27N R. 8W Meridian N.M.P.M. County Blanco P.C. San Juan
 Location 990 ft. ^[N.] of 8 Line and 1750 ft. ^[E.] of W Line of Section 8 Elevation 6748
(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.

Date June 17, 1958 Title Petroleum Engineer

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

Commenced drilling 2-9-, 1958 Finished drilling 3-19-, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2844 to 2917 (G) No. 4, from 5116 to 5277 (G)
No. 2, from 4473 to 4548 (G) No. 5, from _____ to _____
No. 3, from 4548 to 5116 (G) 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	Regorated To—	Purpose
10 3/4"	32.75	8 R.	J-55	161'	House			Surface
7 7/8"	26.40	8 Rd.	J-55	1982'	Balance			Prod. tbg.
5 1/2"	15.50	8 Rd.	J-55	141'	Balance			Prod. liner
2"	4.7	8 Rd.	J-55	2469'				Prod. tbg.
1 1/4"	2.4	8 Rd.	Grade "A"	2899'				Siphon

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	173'	200	circulated		
7 5/8"	4932'	350	Two stages (1st stage 200 sks; 2nd stage 150 sks.)		
5 1/2"	4887-5349'	150			
			single stage		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size **Baker "B.T." Pat. © 1930**

SHOOTING RECORD

[illegible]

TOOLS USED

TOOLS USED **Gas Drilled**

Rotary tools were used from ----- **175** ----- feet to ----- **4933** ----- feet, and from ----- **4933** ----- feet to ----- **5355** ----- feet

Cable tools were used from ----- **0** ----- feet to ----- **175** ----- feet, and from ----- ----- feet to ----- ----- feet

DATES

-----~~2-27-~~-----, 19~~58~~ 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 **P.C.** 5,277,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. M.V. 3,800,000 P.C. 7040

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1916	1916	Tan to grey cr-grn ss interbedded w/gry sh.
1916	2027	111	Ojo Alamo ss. White cr-grn s.
2027	2616	589	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2616	2844	228	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2844	2917	73	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2917	4473	1556	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4473	4548	75	Cliff House ss. Gry, fine-grn, dense sil ss.
4548	5116	568	Manefee form. Gry, fine-grn s, carb sh & coal.
5116	5277	161	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5277	5355	78	Muncie formation. Gry carb sh.

[OVER]

12 43004 4

FORMATION RECORD—Continued

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of drilling, together with the reasons for the work and its results. If there were any changes made in the casing, state why, 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 balling.

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

3-21-58
P.D. #989. P.M.B. 730. Water tested 1 lb. 114-5180.
5190-5800; 5860-5870 w/ 1/2, 500 gal. water and
58,000# sand. HSE 1600 psi, max. tr. pr. 1250-1600-2000
psi. I.H. 36 SWM. Flushing, 800 gal. Recapped 3 sets of 29 balls, balling
out after third drop.

3-22-58
Set B.P. @ 5050. Water pressured 1 c.c. 2658-2678; 2692-2902; 2910-2916
w/ 2 PJ/tr. w/ 54,000 gal. water and 50,000# sand. HSE 2000 psi, max. pr.
2000 psi, max. tr. pr. 1500 and 1800 psi. I.H. 60 SWM. Flushing 5000 gal.
Recapped 1 set of 29 balls.

no'ndol 2.0 bang 2 len 2 10