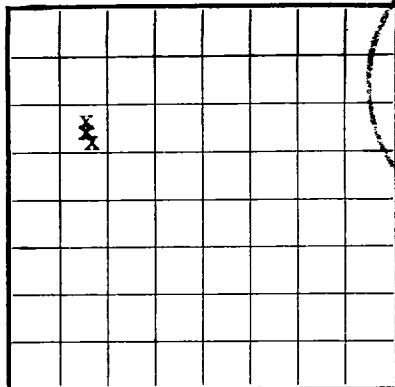


U. S. LAND OFFICE SF
SERIAL NUMBER 079679
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JAN 24 1958

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Products Co. Address Box 1565, Farmington, New Mexico
Lessor or Tract Delhi-Taylor Field Undesignated State New Mexico
Well No. 2 Sec. 17 T. 26N R. 11W Meridian NMPM County San Juan
Location 1650 ft. N of N Line and 990 ft. E of W Line of Section 17 Elevation 6149
(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 JOSEPH E. KREGERDate January 23, 1958 Title Petroleum Engineer

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

Commenced drilling August 24, 1957 Finished drilling September 4, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4994 to 5032 No. 4, from 5222 to 5256
No. 2, from 5092 to 5124 No. 5, from _____ to _____
No. 3, from 5170 to 5198 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—	
10-3/4	32.75	PE	SW	161	Baker				Surface
7-5/8	26.40	8 Rd.	1-53	4137	Baker				Prod. Csg.
5-1/2	15.80	8 Rd.	1-53	1238	Baker		4994	5256	Prod. Liner
HARLOCK OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/8	175'	150	Circulated		
7-5/8	4147'	250	Single Stage		
5-1/2	4093-5331'	300	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

TOOLS USED

Rotary tools were used from 0 feet to 5335 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

October 7, 1957 Put to producing January 2, 1958

The production for the first 24 hours was 103 barrels of fluid of which 100% was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, 43.3

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	340	340	Interbedded ss & sh.
340	470	130	Ojo Alamo ss. White cr-grn s.
470	1132	662	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1132	1405	273	Fruitlan form. Gry carb sh, scattered coals, coals and gry, tight, fine grn ss.
1405	1710	305	Pictured Cliffs form. Gry, fine grn tight, varicolored soft ss.
1710	2280	570	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
2280	3920	1640	Mesa Verde form. Gry, fine-grn, dense sil ss., carb sh & coal.
3920	4135	215	Point Lookout form. Gry, very fine sil ss s/frequent sh breaks.
4135	4974	839	Mancos formation. Gry carb sh.
4974	5335	361	Gallup form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed. sh.
			Tops are from Electric Logs and Radioactivity Logs.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

2000 10 10 10:30

LOG OF OIL OR GAS WELL

DATE: 11/03/2011

[illegible][illegible][illegible]

9-12-57 SOF: COLD 5290 pert. 2 sh./ft. 5222-56; 40, 320 gal. oil & 40,000#; BDP 1300; Max. TP 1450; Avg. TP 1225-1300, 1425; IR - 63.7, Flush II, 340 gal. oil used 2 sets rubber balls 20 balls each.

9-16-57 SOF: BF 5213 pert. 2 sh./ft. 5170-98; 45, 242 gal. oil & 40,000#; BDP 1900; Max TP 2200; Avg. TP 2100; IR 45.6; Flush 10, 411 gal. oil.

9-20-57 SOF: BF 5150; pert. 2sh/ft. 5092-5134; 28, 125 gal. oil & 30,000#; BDP 2650; Max TP 3900; Avg. TP 2550; IR 44.0; No Flush.

9-26-57 SOF: BF 5050; pert. 2 sh./ft. 4994-5032; 42, 000 gal. oil & 40,000#; BDP - 1850; Max TP 1950; / Vg. TP 1875; IR - 45.0; Flush 16, 809 gal. oil.

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.

HISTORY OF OIL OR GAS WELL

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

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