

U. S. LAND OFFICE New MexicoSERIAL NUMBER 019405

LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract Bloomfield Field Wildcat Dakota State New Mexico
Well No. 1 Sec. 17 T. 23N R. 11W Meridian N.M.P.M. County San Juan
Location 1140 ft. N of N Line and 990 ft. W of E Line of Sec. 17 Elevation 5632
(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

ORIGINAL SIGNED E. S. OBERLY

Original Signed D. W. Meehan

Date September 30, 1960Title Petroleum Engineer

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

Commenced drilling 8-22-60, 19 Finished drilling 9-5-60, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3398 to 3463 (G) No. 4, from 6200 to 6328 (G)
No. 2, from 3463 to 54166 (G) No. 5, from 6328 to 6566 (G)
No. 3, from 4166 to 4367 (G) 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"	39.3	8	330	330					production
5 1/2"	25.7	8	358	358					production
2 3/8"	4.7	8	358	358					production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	393	330	circulated		
7 5/8"	6566	358	two 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 Well History

TOOLS USED

Rotary tools were used from _____ feet to 6566 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 19 Put to producing _____ 19
9-15-60

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 6,244,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 2002 A.O.F. 8211 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	505	505	Tan to gry cr-grn ss interbedded w/gry sh.
505	626	121	Ojo Alamo ss. White cr-grn s.
626	1508	882	Kirtland form Gry sh interbedded w/tight gry fine-grn ss.
1508	1801	293	Fruitland form. Gry carb sh, scattered coals, coals, and gry, tight, fine-grn ss.
1801	1937	136	Pictured Cliffs form Gry, fine-grn, tight, varicolored soft ss.
1937	3398	1461	Lewis form Gry, fine-grn, dense sil ss.
3398	3463	65	Cliff House ss. Gry, fine-grn, dense sil ss.
3463	4166	703	Maneform form. Gry, fine-grn s, carb sh & coal
4166	4367	201	Point Lookout form. Gry, very fine sil ss w/ frequent sh breaks.
4367	5403	1036	Maneform form. Gry carb sh.
5403	5843	440	Gallup form. Lt gry to brn calc carb micac glance very fine gry ss w/irreg. interbed sh.
5843	6149	306	Sanostee form. Brk gry calc very fine to fine gry ss w/calc veins w/irreg inter brk gry s.
6149	6200	51	Greenhorn form. Highly calc gry sh w/thin lmt.
6200	6328	128	Shinarump form. Brk gry shale, fossil & carb w/white incl.
6328	6566	238	Dakota form. Gry carb sh.
FROM—	TO—	TOTAL FEET	FORMATION

(OVER)

FORMATION RECORD—CONTINUED

U.S. LAND OFFICE
SPECIAL AGENTS
LEARN OR PERMIT TO PROSECUTE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WITH CORRECTLY

The information given herewith is a complete and correct record of the trial and all work done thereon
 as far as can be determined from all available records.
 Original signed E. J. Dwyer
 Original signed J. W. McLaughlin

The amount on this page is for the condition of the well as above date.

OIL OR GAS SANDS OR ZONES

(b) (5) DPP, (b) (5) ACP

No. 1 from 1881 to 1884	No. 4 from 1881 to 1884	No. 1 from 1881 to 1884
No. 2 from 1885 to 1888	No. 5 from 1885 to 1888	No. 2 from 1885 to 1888
No. 3 from 1889 to 1892	No. 6 from 1889 to 1892	No. 3 from 1889 to 1892

IMPORTANT WATER SANDS

T.P. #. 2800-2900-3000-3100-3400 : Trec water contained 1 % calcium

✓ 58,000 # sand & 73,200 gal water. Flushed 6900 gal. I N-43 B.P.M. max. pr. 3600 #

CASING RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of the casing, state fully, and if any changes were 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, position, and number 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 of shots. If pigs 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

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