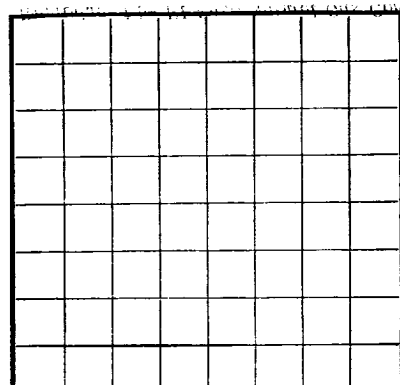
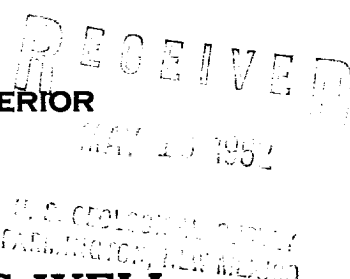


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 07710
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract Hurdle "T" Field Basin Dakota State New Mexico
Well No. 1 Sec. 14 T. 29N R. 12W Meridian N.M.P.M. County San Juan
Location 1180 ft. N. of S Line and 1840 ft. E. of W Line of Section 14 Elevation 5633'
(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. Original Signed D. W. Meehan
Signed _____Date May 16, 1962 Title Petroleum Engineer

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

Commenced drilling 4-20-, 19 62 Finished drilling 4-29-62, 19 _____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6083 to 6204 (a) No. 4, from _____ to _____
No. 2, from 6204 to 6323 (a) 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"	32.3	8 rd	H-40	283	Howco				Surface
4 1/2"	10.5	8 rd	J-55	6357	Baker				Intermediate
2 3/8"	4.6	8 rd	J-55	6211	Baker				Prod tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	295	200	circulated		
4 1/2"	6367	245	2 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
Perf 6205-25, 6128-38	Frac w/84,000 gal water, 80,000# sand. Flush w/5000 gallons water. I.R. 40.1 BPM. Max pr 3700#, BOP 1200#, tr pr 3100-3500#. 1 drop of 20 balls.					

TOOLS USED

Rotary tools were used from 0 feet to 6260 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

5-10, 19 62 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 7,256,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 2117 A.O.F. 11,816 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	474	474	Tan to gry cr-grn ss interbedded w/gry sh.
474	1310	836	Kirtland form. Gry sh interbedded w/tight gry fine grn ss.
1310	1678	368	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
1678	1745	67	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
1745	3214	1469	Lewis form. Gry, fine-grn, dense sil ss.
3214	3362	148	Cliff House ss. Gry, fine-grn, dense sil ss.
3362	4020	658	Manefee form. Gry, fine-grn s, carb sh & coal.
4020	4214	194	Point Lookout form. Gry, very fine mt sil ss w/frequent sh breaks.
4214	5282	1068	Mancos form. Gry carb sh.
5282	6023	741	Gallup form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg interbed sh.
6023	6083	60	Greenhorn form. Highly calc gry sh w/thin lmst.
6083	6204	121	Graneros form. Dk gry shale, fossil & carb w/prite incl.
6204	6323	119	Bakota form. Lt to dk gry foss carb sl calc sl silty ss w/prite incl thin sh bands clay & shale breaks.
6323	6368	45	Morrison form. Interbed grn brn & red waxy sh & fr to cr grn sand.

FORMATION RECORD—Continued

