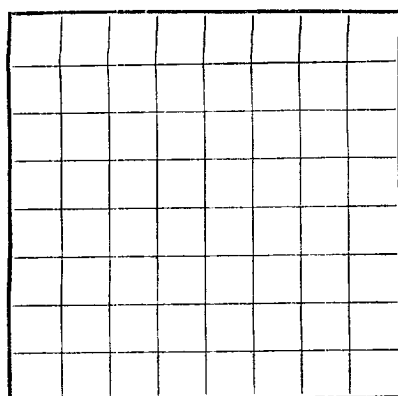
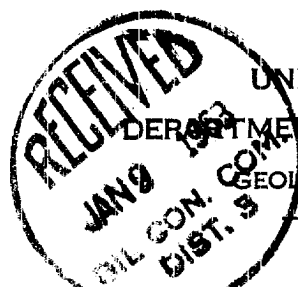


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079298-B
LEASE OR PERMIT TO PROSPECT _____

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 San Juan 28-7 Unit Field Basin Dakota State New Mexico
Well No. 128 Sec. 12 T. 27N R. 7W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. XX of N Line and 890 ft. EX of E Line of Section 12 Elevation 6541
(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 H. E. McANALLYDate January 3, 1963 Title Petroleum Engineer

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

Commenced drilling 10-9, 1962 Finished drilling 11-1, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7319 to 7384 (G) No. 4, from _____ to _____
No. 2, from 7384 to 7502 (G) No. 5, from _____ to _____
No. 3, from 7502 to 7681 (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—	
9 5/8"	40	8 rd	B-95	294	HOWCO				Surface
4 1/2"	11.6, 10.5	8 rd	J-55	7670	Baker				Prod casing
2 3/8"	4.7	8 rd	J-55	7550	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"	307	210	circulated		
4 1/2"	7681	567	3 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 7592-96 (3 SFF) 7558-62 (3 SFF); 7541-47; 7436-48 (2 SFF); Frac w/77,180 gallons water, 72,000# sand. Flush w/5040 gallons water. IR 29.2 BPM. Max pr 4000#, BDP 1600#, tr pr 3400-4000#. 1 drop of 12 balls & 1 drop of 6 balls.						

TOOLS USED

Rotary tools were used from 0 feet to 7681 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

11-14, 1962 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 3,814,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 2631 tbg. A.O.F. 4433 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2410	2410	Tan to gry cr-grn ss interbedded w/gry sh.
2410	2559	149	Ojo Alamo ss. White cr-grn s.
2559	2961	402	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2961	3185	224	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3185	3250	65	Pictured Cliffs forms Gry, fine-grn, tight, varicolored soft ss.
3250	4860	1610	Lewis form. Gry, fine-grn, dense sil ss.
4860	4947	87	Cliff House ss. Gry, fine-grn, dense sil ss.
4947	5390	443	Manefee form. Gry, fine-grn s, carb sh & coal.
5390	5588	198	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5588	6449	861	Mancos form. Gry carb sh.
6449	7319	870	Gallup form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg interbed sh.
7319	7384	65	Greenhorn form. Highly calc gry sh w/thin lmst.
7384	7502	118	Graneros form. Dk gry shale, fossil & carb w/prite incl.
7502	7681	179	Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/prite incl thin sh bands clay & shale breaks.