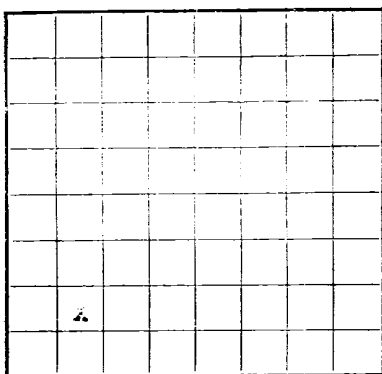


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078972
LEASE OR PERMIT TO PROSPECT 1

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 997, Farmington, New Mexico
Lessor or Tract San Juan 28-7 Unit Field Blanco M.V. & So. Blanco F.C. State New Mexico
Well No. 104 (M) Sec. 3 T. 27N R. 7W Meridian N.M.P.M. County Rio Arriba
Location 600 ft. N. of 2 Line and 1150 ft. E. of W. Line of Section 3 Elevation 6721'
(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 _____

Date September 20, 1959 Title Petroleum Engineer

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

Commenced drilling 7-20, 1959 Finished drilling 7-30, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3269 to 3415 (G) No. 4, from 5505 to 5672 (G)
No. 2, from 5012 to 5075 (G) No. 5, from _____ to _____
No. 3, from 5075 to 5505 (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	32.75	8 Rd.	J-55	161	Baker				Surface
7 5/8	26.4	8 Rd.	J-55	345	Baker				Prod. Csg.
5 1/2	15.5	8 Rd.	J-55	2328	Baker				Prod. Liner
2"	4.7	8 Rd.	J-55	5557					Prod. Tbg.
1 1/4"	2.4	10 Rd.	Grade A	3344					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	171	Circulated		
7 5/8	3506	166	Single Stage		
5 1/2	3436-5764	390	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size Guiberson "AG" Production Packer @ 5405'

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from 3500 feet to 5767 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 1959 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 F.C. 1,449,000 Gallons gasoline per 1,000 cu. ft. of gas _____
M.V. 2,166,000Rock pressure, lbs. per sq. in. F.C. 1022; M.V. 1011 A.C.F. = F.C. 1887; M.V. 2403 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2395	2395	Tan to gry cr-grn ss interbedded w/gry sh.
2395	2561	166	Ojo Alamo ss. White cr-grn s.
2561	3003	442	Kirtland form. Gry sh interbedded w/tight gry fine grn ss.
3303	3269	266	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3269	3415	146	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3415	5012	1597	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5012	5075	63	Cliff House ss. Gry, fine-grn, dense sil ss.
5075	5505	430	Menefee form. Gry, fine-grn s, carb sh & coals.
5505	5767	95	Mancos formation. Gry carb sh.

