



U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079391
LEASE OR PERMIT TO PROSPECT

UNITED STATES **RECEIVED**
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY DEC 10 1959

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 27-5 Unit Field Blanco & South Blanco
Well No. 47 (FM) Sec. 18 T. 27N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 1500 ft. N of 3 Line and 1750 ft. E of W Line of Section 18 Elevation 5464
(Derrick floor relative to 1929 datum)

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 B.P. MEANS

Date December 6, 1959 Title Petroleum Engineer

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

Commenced drilling 3-9, 1959 Finished drilling 3-18, 1959

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3200 to 3279 (G) No. 4, from 5375 to 5520 (G)
No. 2, from 4851 to 5055 (G) No. 5, from _____ to _____
No. 3, from 5055 to 5375 (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	28.75	8 Rd.	J-55	163	Baker				Surface
7 5/8	20.0	8 Rd.	J-55	3376	Baker				From Csg.
5 1/2	15.5	8 Rd.	J-55	2247	Baker				Prod. Liner
2 3/8	4.7	8 Rd.	J-55	5408					Prod. Tbg.
1 1/4	2.4	10 Rd.	Grade A	3248					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'	120	Circulated		
7 5/8	3386	90	Single Stage		
5 1/2	3339-5506	372	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

Guiberson "AG" Packer set at 3295'

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 _____ feet, and from Gas Drilled feet to _____ feet
Cable tools were used from 0 feet to 3388 feet, and from 3388 feet to 5591 feet

DATES

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 FC-1, 447, 000 Gallons gasoline per 1,000 cu. ft. of gas _____
NV-2, 445, 000

Rock pressure, lbs. per sq. in. FC-934; MV-813 A.O.F. = P.C. 1469; M.V. 3057 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	2468	2468	Tan to gry cr-grn ss interbedded w/gry sh.
2468	2718	250	Ojo Alamo ss White cr-grn s.
2718	3003	285	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3003	3200	197	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3200	3279	79	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3279	4851	1572	Lewis formation. Gry to white dense sh w/silty to ahaly ss breaks.
4851	5055	204	Cliff House ss. Gry, fine-grn, dense sil ss.
5055	5375	320	Menefee form. Gry, fine-grn s, carb sh & coal
5375	5520	145	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5520	5591	71	Mancos formation. Gry carb sh.

