

RECEIVED
MAR 4 1958
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078459-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 997, Farmington, New Mexico
Lessor or Tract Allison Unit Field Blanco M. V.
Well No 12(ND) Sec. 14 T 32N R 7W Meridian N.M.P.M. County San Juan
Location 1825 ft. XX of N Line and 1550 ft. XX of E Line of Sec. 14 Elevation 6657 ft.
(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 F. H. WOOD

Date February 18, 1958 Title Petroleum Engineer

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

Commenced drilling 6-7, 1957. Finished drilling 12-27, 1957.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3288 to 3549 (a) No. 4, from 5796 to 5944 (a)
No. 2, from 5555 to 5796 (a) No. 5, from 7907 to 8071 (a)
No. 3, from 5578 to 5796 (a) No. 6, from 7907 to 8071 (a)
No. 1, from 3288 to 3549 (a) No. 3, from 5796 to 5944 (a)
No. 2, from 5555 to 5796 (a) No. 4, from 5796 to 5944 (a)

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Purported		Purpose
							From—	To—	
13 3/8"	48	8 RD.	J-55	1000'	Hoveo				Surface
9 5/8"	26.4	8 RD.	J-55	1000'	Hoveo				Intermediate
7 5/8"	26.4	8 RD.	J-55	1000'	Hoveo				Prod. Csg.
5 1/2"	18	8 RD.	J-55	1000'	Hoveo				Prod. Liner
2"	4.7	8 RD.	J-55	1000'	Hoveo				Prod. Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8"	200'	225	Circulated		
9 5/8"	3705'	1380	2 stages (1st 380 sks. 2nd 1000 sks.)		
7 5/8"	6040'	300	Single Stage		
5 1/2"	5976-8317	225	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size Baker Model "D" Packer @ 5949'

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from 200 feet to 3705 feet, and from 3705 feet to 7506 feet
Cable tools were used from 0 feet to 200 feet, and from 7506 feet to 8320 feet

DATES

1-15, 1958 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 M.V. 6,853,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Dak. 9,134,000

Rock pressure, lbs. per sq. in. 2645 (SIFT) A.O.F. = M. V. 7490 MCF/D
Dak. 13,235

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Undev.	2650	2650	Ojo Alamo ss. White cr-grn s.
2650	3090	440	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3090	3288	198	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3288	3549	261	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3549	5555	2006	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5555	5578	23	Cliff House ss. Gry, fine-grn, dense sil ss.
5578	5796	218	Menafee form. Gry, fine-grn s, carb sh & coal.
5796	5944	148	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5944	7907	1963	Mancos formation. Gry carb sh.
7907	7963	56	Greenhorn form. Highly calc gry sh w/thin lmst.
7963	8071	108	Graneros form. Dk gry shale, fossil & carb w/pyrite incl.
8071	8320	249	Dakota form. Lt to dk gry foss carb al calc al silty ss w/pyrite incl thin sh bands clay & shale breaks.

FORMATION RECORD—Continued

