

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078417
LEASE OR PERMIT TO PROSPECT
14-08-001-45
ATES
HE INTERIOR
SURVEY NOV 18 1955
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

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 State New Mexico
Well No. 20 Sec. 8 T. 28N R. 7W Meridian NMPM County Rio Arriba
Location 925 ft. [N.] of S Line and 875 ft. [E.] of W Line of Section 8 Elevation 6748

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.

Date November 16, 1955 Signed D. C. Johnston
Title Petroleum Engineer

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

Commenced drilling October 9, 1955 Finished drilling October 23, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3392 to 3490 G No. 4, from 5575 to 5700 G
No. 2, from 5017 to 5093 G No. 5, from 5093 to 5575 G
No. 3, from 5093 to 5575 G No. 6, from 5575 to 5700 G

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"	25.1#	P.E.	S.W.	162'	Howco				Surface
7"	20.1#	8 RD	J-55	3479'	Baker				Intermediate
5 1/2"	15.50#	8 RD	J-55	5735'	Baker				Prod. Csg.
2"	4.7#	8 RD	J-55	5709'					Prod. Csg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	175'	125	Circulated		
7"	3480'	150	Single Stage		
5 1/2"	5748'	220	Single 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
		See Well History.				

TOOLS USED

Rotary tools were used from 0 feet to 3480 feet, and from 3480 feet to 5748 feet. Gas drilled

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

10-30-55, 19 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 **5,100,000**..... Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1052

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1135	1135	Tan cr-grn ss w/thin sh breaks.
1135	2012	877	Variegated sh w/thin ss breaks.
2012	2465	453	Tan to gry cr-grn ss interbedded w/gry sh.
2465	2572	107	Ojo Alamo ss. White cr-grn s.
2572	3127	555	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3127	3392	265	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3392	3490	98	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3490	5017	1527	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5017	5093	76	Cliff House ss. Gry, fine-grn, dense sil ss.
5093	5575	482	Manefee form. Gry, fine-grn s, carb sh & coal.
5575	5700	125	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5700	5748 T.D.	48	Mancos formation. Gry carb sh.

