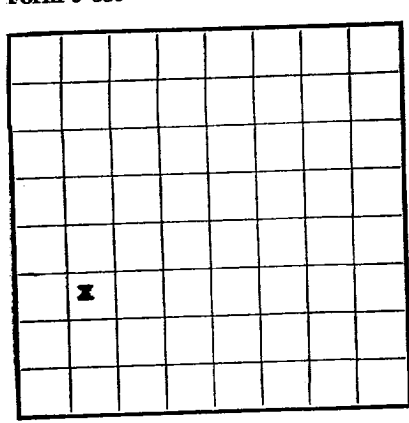


Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078945
LEASE OR PERMIT TO PROSPECT 14-08-001-567

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 29-7 Unit Field Blanco State New Mexico
Well No. 41 Sec. 28 T. 29N R. 7W Meridian NMPM County Rio Arriba
Location 1620 ft. N. of S Line and 890 ft. E. of W Line of Section 28 Elevation 6587'
(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 R. J. Zulloch Title Petroleum Engineer

Date September 14, 1955

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

Commenced drilling June 21, 1955 Finished drilling July 8, 1955

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

No. 1, from 3304 to 3384 (G) No. 4, from 5460 to 5640 (G)
No. 2, from 4940 to 5107 (G) No. 5, from 5107 to 5460 (G)
No. 3, from 5107 to 5460 (G) No. 6, from 5460 to 5640 (G)
IMPORTANT WATER SANDS
No. 1, from 3304 to 3384 No. 3, from 5107 to 5460
No. 2, from 4940 to 5107 No. 4, from 5460 to 5640

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	From	To	Purpose
9 5/8"	25.47	P.E.	S.W.	161'	Howco				Surface
7"	17.1	P.E.	J-55	500'					Prod. Log.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	171'	125	Circulated		
7"	4890'	500	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

Gas Drilled

Rotary tools were used from 0 feet to 4890 feet, and from 4890 feet to 5640 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

July 9, 1955 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 6,264,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1092

EMPLOYEES

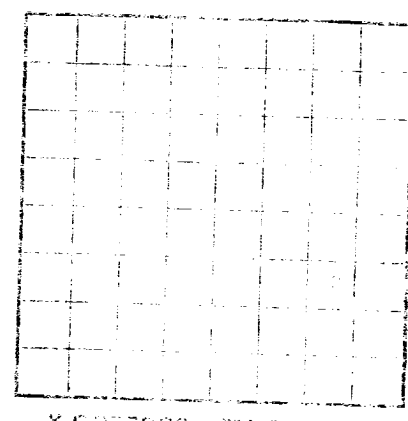
_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1266	1266	Tan cr-grn ss w/thin sh breaks.
1266	1800	534	Variagated sh w/thin ss breaks.
1800	2444	644	Tan to gry cr-grn ss interbedded w/gry sh.
2444	2530	86	Ojo Alamo ss. White cr-grn s.
2530	3025	495	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3025	3304	279	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3304	3384	80	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3384	4940	1556	Levis formation. Gry to white dense sh, w/silty to shaly ss breaks.
4940	5107	167	Cliff House ss. Gry, fine-grn, dense sil ss.
5107	5460	353	Menefee form. Gry, fine-grn s, carb sh & coal.
5460	5640 T.D.	180	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.

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GEOLOGICAL SURVEY
UNITED STATES



Location of well, Township, Range, Section, and other data.
Name of owner, operator, or lessee.
Name of driller.
Date of completion of well.

OIL OR GAS SANDS OR SOLIDS

7-6-55 Sandoy, Citter House 4800' - 5110' with retainer set at 4818' with
14,200 gallons classed oil and 12,000' sand. Breakdown pressure, minimum
pressure 1350 psi, maximum pressure 1500 psi. Injection rate 1.5 bbls/min.
7-8-55 Total depth 5640'. Set Baker retainer at 5431'. Sandoy, Citter House 10000' with
14,200 gallons classed oil and 12,000' sand. Breakdown pressure, minimum
pressure 1350 psi, maximum pressure 1500 psi. Injection rate 1.5 bbls/min.
7-9-55 Sandoy, Citter House 1490' - 1510' with retainer set at 1498' with
14,200 gallons classed oil and 12,000' sand. Breakdown pressure, minimum
pressure 1350 psi, maximum pressure 1500 psi. Injection rate 1.5 bbls/min.

HISTORY OF OIL OR GAS WELL

MINING AND CEMENTING RECORD		PLUGS AND REPAIRS		SHOOTING RECORD		TOOL LOG		DATER		EXPLANATIONS		FORMATION RECORD			
No.	Time	Location	Remarks	No.	Time	Location	Remarks	No.	Time	Location	Remarks	No.	Time	Location	Remarks
	</														