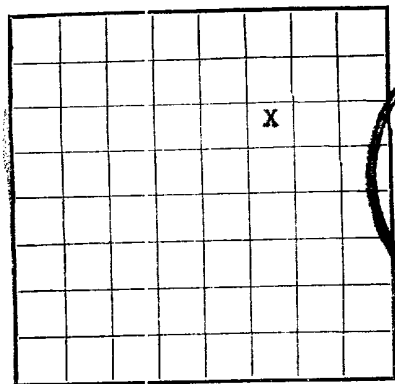


Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080430
LEASE OR PERMIT TO PROSPECT 14-08-001-1051



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 28-6 Unit Field Blanco State New Mexico
Well No. 52 Sec. 31 T. 28N R. 6W Meridian NMPM County Rio Arriba
Location 1825 ft. S. of N Line and 1725 ft. W. of E Line of Section 31 Elevation 6489'
(Derick, feet 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 [Signature]
Date April 23, 1956 Title Petroleum Engineer

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

Commenced drilling February 25, 1956 Finished drilling March 7, 1956

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

No. 1, from 3200 to 3275 (G) No. 4, from 5382 to 5523 (G)
No. 2, from 4832 to 4976 (G) No. 5, from 5523 to 5560
No. 3, from 4976 to 5382 (G) No. 6, from 5560 to 5560

IMPORTANT WATER SANDS

No. 1, from 3200 to 3275 No. 3, from 4976 to 5382
No. 2, from 4832 to 4976 No. 4, from 5382 to 5523

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Casing pulled from	Perforated		Purpose
							From	To	
9 5/8"	25.44	P.B.	S.W.	161'	Howco				Surface
7"	21.5	P.B.	S.W.	3275'	Baker				Intermediate
5 1/2"	15.50	P.B.	S.W.	5523'	Baker				Production
2 1/2"	5.80	P.B.	S.W.	5560'	Baker				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	174'	150	Circulated		
7"	3290'	250	Single Stage		
5 1/2"	5560'	300	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 3290 feet, and from 3290 feet to 5560 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

March 15, 1956 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 9,629,000 Absolute Open Flow Gallons gasoline per 1,000 cu. ft. of gas 5100 MCF (3M)
Rock pressure, lbs. per sq. in. 1085

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	280	280	Tan cr-grn ss w/thin sh breaks.
280	550	270	Variegated sh w/thin ss breaks.
550	2410	1860	Tan to gry cr-grn ss interbedded w/gry sh.
2410	2542	132	Ojo Alamo ss. White cr-grn s.
2542	2963	421	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2963	3200	237	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3200	3275	75	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3275	4832	1557	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4832	4976	144	Cliff House ss. Gry, fine-grn, dense sil ss.
4976	5382	406	Menefee form. Gry, fine-grn s, carb sh & coal.
5382	5523	141	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5523	5560	37	Mancos formation. Gry carb sh.

