



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 679492-B
LEASE OR PERMIT TO PROSPECT _____

14-06-001-950
RECEIVED
DEC 10 1956
U. S. GEOLOGICAL SURVEY
FARMINGTON NEW MEXICO

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 27-5 Unit Field Blanco State New Mexico
Well No. 16 Sec. 23 T. 27 N. R. 5 W. Meridian NM County Rio Arriba
Location 990 ft. N. of S. Line and 990 ft. E. of W. Line of Section 23 Elevation 6510
(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.W. BOYD

Date December 6, 1956 Title Petroleum Engineer

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

Commenced drilling 10-24-56, 19____ Finished drilling 11-7-56, 19____

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

No. 1, from 3310 to 3361 (G) No. 4, from 5475 to 5639 (G)
No. 2, from 4949 to 5088 (G) No. 5, from _____ to _____
No. 3, from 5088 to 5475 (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"	32.75	1-E.	J-55	161'	Hawco				Surface
7 5/8"	26.4	8-10	J-55	3392'	Baker				Intermediate
5 1/2"	15.5	8-10	J-55	5425'	Baker				Prod. G. & F.
2"	4.7	8-10	J-55	5584'					Prod. Ftg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	174'	125	Circulated		
7 5/8"	3392'	250	Single Stage		
5 1/2"	5435'	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 3392 feet, and from 3392 feet to 5639 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

11-15-56, 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 2,694,000 1.0 G.P. 3160 MCF/D. Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1108

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2674	2674	Tan to gry cr-grn ss interbedded w/gry sh.
2674	2860	194	Ojo Alamo ss. White cr-grn s.
2860	3150	282	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3150	3310	160	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3310	3361	51	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3361	4949	1588	Levis formation. Gry to white dense sh w/silty to shaly ss breaks.
4949	5088	139	Cliff House ss. Gry, fine-grn, dense sil ss.
5088	5475	387	Manefee form. Gry, fine-grn s, carb sh & coal.
5475	5639	164	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.

[illegible]

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

Temp. Plug @ 5125'. Perforated 4998-5010, 5040-5056, 5067-5087 w/ 1/2" SH.
Water fractured with 50,000 gallons water and 57,500 $\frac{1}{2}$ sand. Maximum pressure
2000 $\frac{1}{2}$. Average treating pressure 1950 $\frac{1}{2}$. Injection rate 50 BPM. Length 6000
gallons.

ORIGINAL SIGNED 6/15/67

LOG OF OIL OF GAS WELL

ΕΠΙΧΕΙΡΗΣΙΑΚΟ ΠΡΟΓΡΑΜΜΑ

RECOMMENDATION OF LIFE INSURANCE

UNCLASSIFIED

THESE ON THE SUBJECT OF THE

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