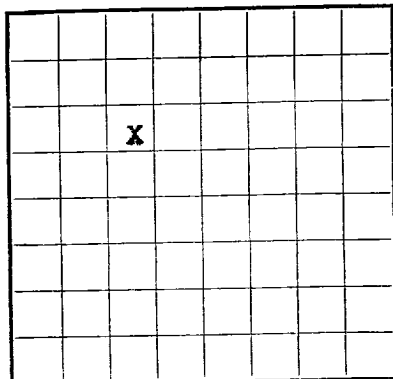


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078046
LEASE OR PERMIT TO PROSPECT _____



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P. 3

3 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 Mesa Verde Strat Test Field Blanco State New Mexico
Well No. 3 Sec. 21 T 29N R 8W Meridian N.M.P.M. County San Juan
Location 1600 ft. ~~xxxx~~ S. of N Line and 1460 ft. E of W Line of Section 21 Elevation 6474
(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. Original Signed D. C. Johnston
Signed _____

Date June 5, 1958 Title Petroleum Engineer

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

Commenced drilling 12-15, 1957 Finished drilling 12-29, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>3082</u> to <u>3150 (G)</u> No. 2, from <u>4702</u> to <u>4842 (G)</u> No. 3, from <u>4842</u> to <u>5298 (G)</u>	No. 4, from <u>5298</u> to <u>5425 (G)</u> No. 5, from _____ to _____ No. 6, from _____ to _____
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IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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	P.E.	S.W.	164'	Howco				Surface
7 5/8	26.1	8 Rd.	J-55	3065'	Howco				Intermediate
5 1/2	13.5	8 Rd.	J-55	5485'	Howco				Prod. Csg.
2"	4.7	8 Rd.	J-55	5425'					Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	178'	150	Circulated		
7 5/8	3275'	250	Single Stage		
5 1/2	5496'	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

Gas Drilled

Rotary tools were used from 0 feet to 3276 feet, and from 3276 feet to 5502 feet.

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

DATES

-----1-6-----, 19 58 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 4,865,000----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. ----- 991 ----- A.O.F. = 8008 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2036	2036	Tan to gry cr-grn ss interbedded w/gry sh.
2036	2179	143	Ojo Alamo ss. White cr-grn s.
2179	2740	561	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2740	3082	342	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3082	3150	68	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3150	4702	1552	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4702	4842	140	Cliff House ss. Gry, fine-grn, dense sil ss.
4842	5298	456	Manefee form. Gy, fine-grn s, carb sh & coal.
5298	5425	127	Point Lookout form. Gy, fine sil ss w/frequent sh breaks.
5425	5502	77	Mancos formation. Gry carb sh.

