



U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **079393**
LEASE OR PERMIT TO PROSPECT

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 990, Farmington, New Mexico**
Lessor or Tract **San Juan 27-5 Unit** Field **Wildcat P.C. & Blanco Mesa Verde** State **New Mexico**
Well No. **52 (PM)** Sec. **4** T. **27-N** R. **5-W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **800** ft. **N** of **S** Line and **800** ft. **E** of **W** Line of **Section 4** Elevation **6629**
(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 _____

Date **November 15, 1960** Title **Petroleum Engineer**

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

Commenced drilling **8-8-**, 19**60** Finished drilling **8-19**, 19**60**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3460** to **3550 ()** No. 4, from **5610** to **5770 (a)**
No. 2, from **5236** to **5300 (a)** No. 5, from _____ to _____
No. 3, from **5300** to **5610 (a)** 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	P.H.	S.V.	121	Baker				Surface
7 5/8"	26.4	8 Rd.	J-55	3647	Baker				Prod casing
5 1/2"	15.5	8 Rd.	J-55	2273	Baker				Prod liner
2"	4.7	8 Rd.	J-55	5669					Prod tubing
1 1/4"	2.4	10 Rd.	J-55	3482					Prod tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7 5/8"	3658	160	single stage		
5 1/2"	3561-5834	215	single stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size **Baker "EGJ" Packer @ 3674**

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 **3660** feet, and from **3660** feet to **5837** feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

8-26-, 19**60** 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 **P-1,298,000** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **M-4,687,000**
P-1110; M-1111 A.O.F. **P-1312; M-7949 MCF/D**

EMPLOYEES

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

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	2784	2784	Tan to gry cr-grn ss interbedded w/gry sh.
2784	2975	191	Ojo Alamo ss. White cr-grn s.
2975	3222	247	Kirtland form Gry sh interbedded w/tight gry fine-grn ss.
3222	3460	238	Fruitland form Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3460	3550	90	Pictured Cliffs form Gry, fine-grn, tight, varicolored soft ss.
3550	5236	1686	Levis form. Gry, fine-grn, dense sil ss.
5236	5300	64	Cliff House ss. Gry, fine-grn, dense sil ss.
5300	5610	310	Manefee form. Gry, fine-grn s, carb sh & coal.
5610	5770	160	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5770	5837	67	Mancos form. Gry carb sh.

