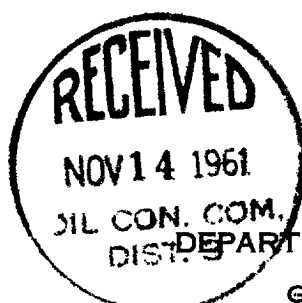


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **079393**
LEASE OR PERMIT TO PROSPECT



NOV 14 1961
JIL CON. COM. UNITED STATES
DIST. 5 DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

X									

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. # State New Mexico
 Well No. 52 (PM) Sec. 4 T. 27N R. 5W 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 foot 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 D. W. Meehan

Date November 7, 1961 Title Petroleum Engineer

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

Commenced drilling 8-8- 1960 Finished drilling 8-19- 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Delete gas by 2)

No. 1, from 3450 to 3550 (G)	No. 4, from 5610 to 5770 (G)
No. 2, from 5236 to 5300 (G)	No. 5, from _____ to _____
No. 3, from 5300 to 5610 (G)	No. 6, from _____ to _____

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	8 W.	S.W.	121	HWGO				Surface
7 5/8"	26.4	8 rd	J-55	3647	Baker				Intermediate
5 1/2"	15.5	8 rd	J-55	2273	Baker				Liner
2 3/8"	4.7	8 rd	J-55	5715	Baker				Prod casing.
1 1/4"	2.4	8 rd	J-55	3495	How				Prod. casing.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	135	135	circulated		
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 Model "D" @ 3557'.**

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
See History						

TOOLS USED

Rotary tools were used from 0 feet to 3660 feet, and from 3660 (Gard) 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 $\frac{P-1,298,000}{M-4,687,000}$ Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. ~~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 forms. Gry, fine-grn, tight, varicolored soft ss.
3550	5326	1686	Lewis form. Gry, fine-grn, dense sil ss.
5236	5300	64	Cliff House ss. Gry, fine-grn, dense sil ss.
5300	5610	310	Menefee 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.

