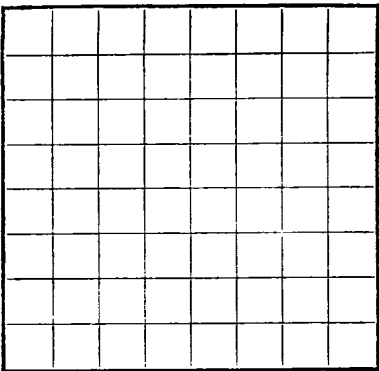
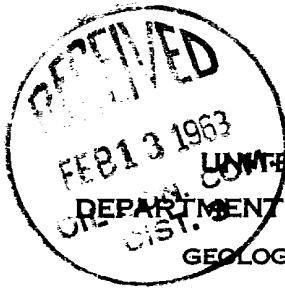




LOCATE WELL CORRECTLY



U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080516-A
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract San Juan 28-5 Unit Field Basin Dakota State New Mexico
Well No. 54 Sec. 20 T. 28N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 1060 ft. N. of S Line and 800 ft. E. of W Line of Section 20 Elevation 6673
xx Wx (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 E. S. OSERLY
Date February 5, 1963 Title Petroleum Engineer

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

Commenced drilling 12-5, 19 62 Finished drilling 12-24, 19 62

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

No. 1, from 7664 to 7799 (G) No. 4, from _____ to _____
No. 2, from 7799 to 7967 (G) No. 5, from _____ to _____
No. 3, from _____ to _____ 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—	
9 5/8	40	8 ft	E-40	236	Button	1000' bottom hole	15-11-62	15-11-62	Sh-casing
4 1/2	11.6, 12.5	8 rd	S-55	7996	Button	1000' bottom hole	15-11-62	15-11-62	Prod casing
2 3/8	4.7	8 rd	J-55	7877		1000' bottom hole	15-11-62	15-11-62	Prod tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	305	210	circulated		
4 1/2	7967	637	3 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
Perf 7718-30(1 SFF); 7764-70(2 SFF); 7810-22(1 SFF); 7876-82(2 SFF); water, 60,000# sand. Flush 5300 gallons water. IN 25 BPM. Max pr 4000#, tr pr 3200- 3400-3500-3000-4000-3800#. 3 drops of 12 balls.						

TOOLS USED

Rotary tools were used from 0 feet to 7967 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

1-15, 1963 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 3,936,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 2641 lbs. A.O.F. 4455 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2749	2749	Ojo Alamo
2749	2919	170	Kirtland
2919	3201	282	Fruitland
3201	3489	288	Pictured Cliffs
3489	3569	80	Lewis
3569	5171	1602	Cliff House
5171	5319	148	Menefee
5319	5679	360	Point Lookout
5679	5899	220	Mancos
5899	6749	850	Gallup
6749	7599	850	Greenhorn
7599	7664	65	Guaneros
7664	7799	135	Dakota
7799	7967	168	

