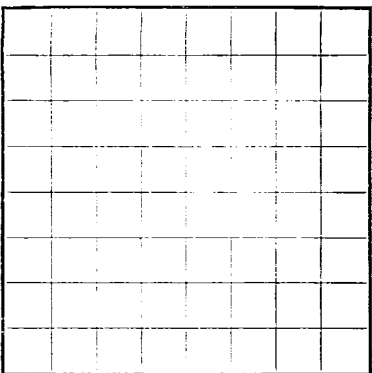


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079367-A
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

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 28-6 Unit Field Basin Dakota State New Mexico
Well No. 110 Sec. 25 T. 27N R. 6W Meridian N.M.P.M. County Rio Arriba
Location 1550 ft. N. of S. Line and 990 ft. E. of W. Line of Section 25 Elevation 6556
xx xx (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 RECORDS MONITOR

Date January 15, 1963 Title Petroleum

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

Commenced drilling 10-15-, 19 62 Finished drilling 11-9-, 19 62

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

No. 1, from 7370 to 7486 (G) No. 4, from _____ to _____
No. 2, from 7386 to 7685 (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 rd	H-80	325	HWC0				Surface
4 1/2"	11.6, 10.5	8 rd	J-55	7675	Baker				Prod casing
2 3/8"	4.7	8 rd	J-55	7543					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"	338	210	circulated		
4 1/2"	7685	532	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 7400-7406; 7424-30 (2 SPT); 7522-34 (1 SPT); 7562-68; 7584-90 (2 SPT); Frac w/80,000 gallons water, 75,000# sand. Flush w/5082 gallons water. IR. 33.5 BPM. Max pr 4000#, BDP 1400#, tr pr 3200-4000#. 4 drops of 12 balls.						

TOOLS USED

Rotary tools were used from 0 feet to 7685 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

12-12, 19 62 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 3,015,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 2438 csg. A.O.F. 4132 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2610	2610	
2610	2710	100	Ojo Alamo
2710	2970	260	Kirtland
2970	3190	220	Fruitland
3190	3288	98	Pictured Cliffs
3288	4890	1502	Lewis
4890	4990	100	Cliff House
4990	5380	390	Menefee
5380	5500	120	Point Lookout
5500	6385	885	Mancos
6385	7307	922	Gallup
7307	7370	63	Greenhorn
7370	7486	116	Graneros
7486	7685	199	Dakota

