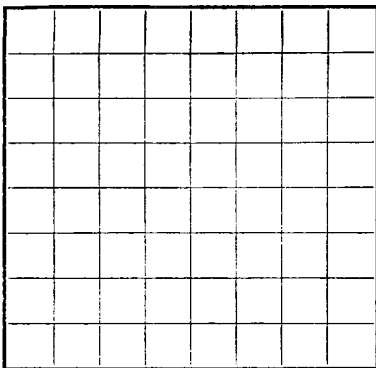


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079321
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

1963

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract Rincon Unit Field Basin Dakota State New Mexico
Well No. 139 Sec. 25 T. 27N R. 7W Meridian N.M.P.M. County Rio Arriba
Location 1650 ft. ^[N.]_S of S Line and 1650 ft. ^[E.]_W of W Line of Section 25 Elevation 6657
_{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 _____

Date January 23, 1963 Title Petroleum Engineer

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

Commenced drilling 11-26, 19 62 Finished drilling 12-14, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7239 to 7299 (G) No. 4, from _____ to _____
No. 2, from 7299 to 7421 (G) No. 5, from _____ to _____
No. 3, from 7421 to 7621 (G) 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	N-40	391	HANCO				Surface
4 1/2"	11.6, 10.5	8 rd	J-55	7610	Baker				Prod casing
2 3/8"	4.7	8 rd	J-55	7530					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"	3.5	210	circulated		
4 1/2"	7621	599	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 7352-58(2 SPT); 7462-74(1 SPT); 7494-7506(1 SPT); 7531-37(2 SPT); Frac w/81,200 gallons water; 72,000# sand. Flush w/6000 gallons water. IR 25 BPM. Max pr 4400#, BDP 1800#, tr pr 4000-4200#. 2 drops of 12 balls.						

TOOLS USED

Rotary tools were used from 0 feet to 7621 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

12-28, 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 2,370,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 2560-avg. A.O.F. 2552 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2288	2288	
2288	2442	154	Ojo Alamo
2442	2882	440	Kirtland
2882	3042	160	Fruitland
3042	3102	60	Pictured Cliffs
3102	4750	1648	Lewis
4750	4828	78	Cliff House
4828	5274	446	Mensfee
5274	5428	154	Point Lookout
5428	6460	1032	Mancos
6460	7239	779	Gallup
7239	7299	60	Greenhorn
7299	7421	122	Graneros
7421 7421	7621	200	Dakota

107W 640 30 110 50 301

[illegible][illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
			FORMATION RECORD
			SECTION 1
			SECTION 2
			SECTION 3
			SECTION 4
			SECTION 5
			SECTION 6
			SECTION 7
			SECTION 8
			SECTION 9
			SECTION 10
			SECTION 11
			SECTION 12
			SECTION 13
			SECTION 14
			SECTION 15
			SECTION 16
			SECTION 17
			SECTION 18
			SECTION 19
			SECTION 20
			SECTION 21
			SECTION 22
			SECTION 23
			SECTION 24
			SECTION 25
			SECTION 26
			SECTION 27
			SECTION 28
			SECTION 29
			SECTION 30
			SECTION 31
			SECTION 32
			SECTION 33
			SECTION 34
			SECTION 35
			SECTION 36
			SECTION 37
			SECTION 38
			SECTION 39
			SECTION 40
			SECTION 41
			SECTION 42
			SECTION 43
			SECTION 44
			SECTION 45
			SECTION 46
			SECTION 47
			SECTION 48
			SECTION 49
			SECTION 50
			SECTION 51
			SECTION 52
			SECTION 53
			SECTION 54
			SECTION 55
			SECTION 56
			SECTION 57
			SECTION 58
			SECTION 59
			SECTION 60
			SECTION 61
			SECTION 62
			SECTION 63
			SECTION 64
			SECTION 65
			SECTION 66
			SECTION 67
			SECTION 68
			SECTION 69
			SECTION 70
			SECTION 71
			SECTION 72
			SECTION 73
			SECTION 74
			SECTION 75
			SECTION 76
			SECTION 77
			SECTION 78
			SECTION 79
			SECTION 80
			SECTION 81
			SECTION 82
			SECTION 83
			SECTION 84
			SECTION 85
			SECTION 86
			SECTION 87
			SECTION 88
			SECTION 89
			SECTION 90
			SECTION 91
			SECTION 92
			SECTION 93
			SECTION 94
			SECTION 95
			SECTION 96
			SECTION 97
			SECTION 98
			SECTION 99
			SECTION 100