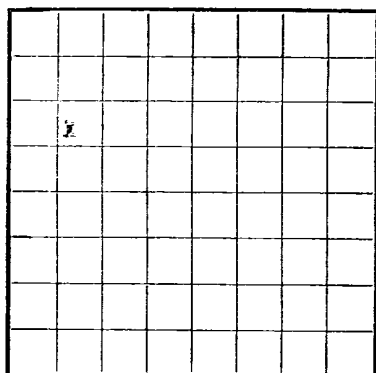


SERIAL NUMBER 077950

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 977, Farmington, New Mexico
Lessor or Tract Marfano Unit Field Fulcher Kutz Ext. State New Mexico
Well No. 22 Sec. 35 T. 47N R. 10W Meridian 18444 County San Juan
Location 1650 ft. SW of 4 Line and 22 ft. E of 1 Line of section 35 Elevation 3644

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.

Date December 6, 1962 Title retroleum engineer

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

Commenced drilling 1-1-51 19..... Finished drilling 11-1-51 19.....

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3 to 2453 (G) No. 4, from 1 to 17
 No. 2, from 1 to 1 No. 5, from 1 to 1
 No. 3, from 1 to 1 No. 6, from 1 to 1

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
2 7/8"	143'	110	Circulated		
1 1/2"	370'	150	Single 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
		see well history.				

TOOLS USED

Rotary tools were used from 0 feet to 247 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

..... 11-2-5	19	Put to producing	19
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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 211,400 Gallons gasoline per 1,000 cu. ft. of gas 4.2

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
	1395	1375	Run to gry cr-grn ss interbedded w/pt. sh.
1395	1540	151	Ojo Alamo ss. white cr-grn s.
1540	2095	549	Kirtland form. Gry sh interbedded w/ thin gry fine-grn ss.
2095	2300	203	Fruitland form. Gry carb sh, scattered small coals and gry, tight, fine-grn ss.
2300	2453	153	Pictured Cliffs form. Gr., fine-grn, tight, varicolored soft ss.
2453	2470	17	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

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. 11-19-55 Total Depth 2410'. Casing cut to 2305'. Performance 2570-2600 w. b. fructured with 25,000 gallons water and 40,000 sand. Pump with 300 gal. water. Injection rate 24 1/4 bbl. W. K. Allen and Associates, Houston, Texas. Average thickness 1000'.

HISTORY OF OIL OR GAS WELL

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