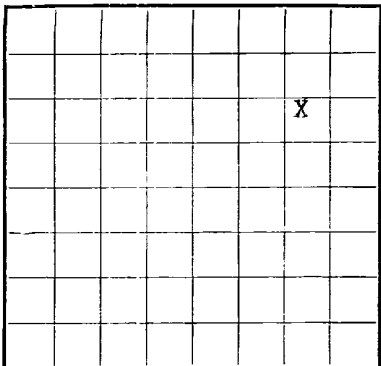


Form 9-330

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 03583
LEASE OR PERMIT TO PROSPECT 14-08-001-1051



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 997, Farmington, New Mexico
Lessor or Tract San Juan 20-6 Unit Field Blanco State New Mexico
Well No. 22 Sec. 6 T. 27N R. 6W Meridian NMPM County Rio Arriba
Location 1350 ft. S. of N Line and 990 ft. W. of E Line of Section 3 Elevation 6491
(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 J. J. Dadebeck
Date June 2, 1955 Title Petroleum Engineer

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

Commenced drilling May 3, 1955 Finished drilling May 16, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3142 to 3195 (G) No. 4, from 5318 to 5475 (G)
No. 2, from 4788 to 4930 (G) No. 5, from _____ to _____
No. 3, from 4930 to 5318 (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	25.47	P. E.	S. L.	162'	Howco				Surface
7	28	P. E.	J-55	1000'	Howco				Production
7	28	P. E.	J-55	5489'	Howco				Production
2	4.7	P. E.	J-55	5489'	Howco				Prod. To

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	174'	125	Circulated		
7	4788'	500	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

Gas Drilled

Rotary tools were used from _____ feet to 4750 feet, and from 4750 feet to 5500 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

May 17, 1955 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 2,416,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1107

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1520	1520	Tan cr-grn ss w/thin sh breaks.
1520	2140	620	Variegated sh w/thin ss breaks.
2140	2500	360	Tan to gry cr-grn ss interbedded w/gry sh.
2500	2538	38	Ojo Alamo ss. White cr-grn s.
2538	2865	327	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2865	3142	277	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3142	3195	53	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3195	4788	1593	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4788	4930	142	Cliff House ss. Gry, fine-grn, dense sil ss.
4930	5318	338	Menefee form. Gry, fine-grn s, carb sh & coal.
5318	5475	157	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5475	5500 T.D.	25	Mancos formation. Gry carb sh.

(OVER)

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

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.

May 14, 1955. Total Depth 4930'. Sandoil Cliff House. Retainer set @ 4670'.
Interval treated 4750' - 4930'. Treatment 14,600 gallons #2 diesel oil and
10,200# fine-grain sand. Breakdown pressure 1950 psi, maximum pressure 2000 psi,
minimum pressure 1400 psi. Injection rate 6.0 bbls./min. Flush with 2100 gallons
Natural gas 155 MCF/D.

May 17, 1955. Total Depth 5500'. Sandoil fractured Point Lookout interval 5200' to 5500' with 14,500 gallons #2 diesel oil & 15,000' sand. Breakdown pressure 1500 psi, maximum pressure 2100 psi, minimum pressure 1200 psi. Injection rate 1.5 bbl./min. Flush 2000 gallons. Natural gas 18% MCF/D.

FOC 04 SET ON CYS ABTD

GEORGE C. CAVAT, DIRECTOR

DIFFERENCES OF LIFE EXPECTANCY

REVISED 6/1/1994

[illegible]

1. *Journal of the American Medical Association*, 1997; 277: 1001-1005.

1. *Chlorophyll a* and *Chlorophyll b* (mg/g)