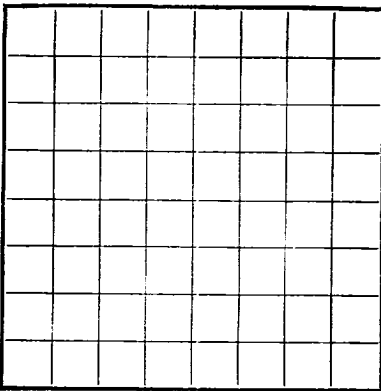
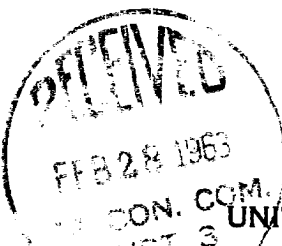




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **07693A-A**
LEASE OR PERMIT TO PROSPECT

1962

FEB 28 1963
FEB 28 1963

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract Flornace "B" Field Blanco P. C. - State New Mexico
Mesa Verde
Well No. 1(PM) Sec. 20 T. 30-NR. 9N Meridian N.M.P.M. County San Juan
Location 790 ft. N. of S. Line and 1650 ft. E. of W. Line of Section 20 Elevation 6059
(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. OBERLYDate February 27, 1963 Title Petroleum Engineer

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

Commenced drilling 11-14, 19 62 Finished drilling 11-23, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2726 to 2734 (G) No. 4, from 4470 to 4476 (G)
No. 2, from 4366 to 4372 (G) No. 5, from 4946 to 4952 (G)
No. 3, from 4392 to 4398 (G) No. 6, from 4986 to 4992 (G)
5020 5026 (G)

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 RA	J-55	230	BEICO				Surface
7"	28	8 RA	J-55	2908	BEICO				Prod casing
4 1/2"	10.5	8 RA	J-55	2270	BEICO				Prod liner
2 1/16	3.2	8 RA	J-55	4343					Prod tubing
1 1/4	2.3	10 RA	J-55	2696					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"	303	230	circulated		
7"	2908	391	2 stage		
4 1/2"	5130	330	1 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 Prod information on back						

TOOLS USED

Rotary tools were used from 0 feet to 5130 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

12-20, 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 PC-2,036,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. PC-968 A.O.F. PC 2098 MCF/DNV-972 EMPLOYEES NV 3291 MCF/D

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1562	1562	
1562	1630	68	Ojo Alamo
1630	2377	747	Kirtland
2377	2723	346	Fruitland
2723	2812	89	Pictured Cliffs
2812	4342	1530	Lewis
4342	4492	150	Cliff House
4492	4944	452	Manefee
4944	5073	129	Point Lookout
5073	5130	57	Mancos

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WITH CORRECT Y

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 8 rows of squares, formed by thin black lines. The entire grid is enclosed within a thicker black border.

Oil or Gas Sands or Zones

(Denote gas by G)

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, from _____ to _____

No. 6, from _____ to _____

No. 7, from _____ to _____

No. 8, from _____ to _____

No. 9, from _____ to _____

No. 10, from _____ to _____

No. 11, from _____ to _____

No. 12, from _____ to _____

No. 13, from _____ to _____

No. 14, from _____ to _____

No. 15, from _____ to _____

No. 16, from _____ to _____

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No. 77, from _____ to _____

No. 78, from _____ to _____

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No. 81, from _____ to _____

No. 82, from _____ to _____

No. 83, from _____ to _____

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No. 85, from _____ to _____

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No. 90, from _____ to _____

No. 91, from _____ to _____

No. 92, from _____ to _____

No. 93, from _____ to _____

No. 94, from _____ to _____

No. 95, from _____ to _____

No. 96, from _____ to _____

No. 97, from _____ to _____

No. 98, from _____ to _____

No. 99, from _____ to _____

No. 100, from _____ to _____

Casting	Size	Weight	Threads per inch	Make	Amount	Kind of shoe	Cut and buffed from	Perforated From — To —	Purpose
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 it may be necessary to check, 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 burning.									

Size casing	Weight	Number sacks of cement	Method used	Mud gravity	Amount of mud used
1 1/2"	5.130	25	1 stage		
2"	6.000	25	2 stage		
3"	8.330	25	3 stage		

SHOOTING RECORD		PLUGS AND ADAPTERS	
Serial	Size	Length	Depth set
Adapters—A			
Heavy plug—M			

[illegible][illegible][illegible]

Rock pressure, lbs. per sq. in.	50-60
Gas well, cu. ft. per 24 hours	FC-2-225,000
Permeability, % sediment.	FC-2-225,000
Water, and	FC-2-225,000
The production for the first 24 hours was	FC-2-225,000
Barrels of fluid of which	FC-2-225,000
% was oil; %	FC-2-225,000

[illegible]

FORMATION	TOTAL FEET	TO -	FROM -
Manoche	100	100	2013
Point Lookout	100	2013	1971
Manatee	100	2013	1968
Cliff House	100	2013	1965
Leads	100	2013	2012
Pictured Cliffs	100	2013	2102
Swanton	100	2013	2371
Clinton	100	2013	1930
Ojo Alamo	100	2013	1928