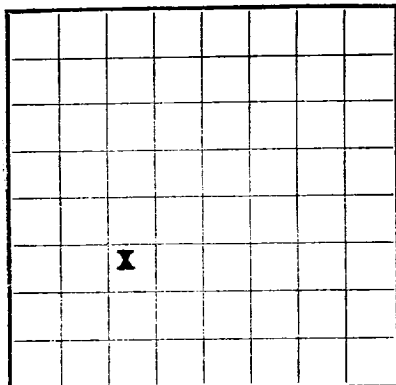
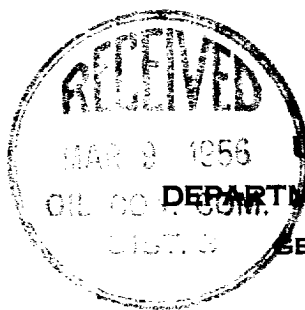




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078097
LEASE OR PERMIT TO PROSPECT _____

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Heaton Field Blanco State New Mexico
Well No. 2 Sec. 30 T. 31N R. 11W Meridian NMPM County San Juan
Location 1659 ft. N. of S. Line and 1650 ft. E. of W. Line of Section 30 Elevation 5922
(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 E. S. Olmsted

Date February 22, 1956 Title Petroleum Engineer

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

Commenced drilling January 6, 1956 Finished drilling January 21, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2370 to 2428 G No. 4, from 4685 to 4820 G
No. 2, from 3922 to 4149 G No. 5, from _____ to _____
No. 3, from 4149 to 4685 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	From—	To—	Purpose
9 5/8"	25.4#	P.E.	S.W.	163'	Howzo				Surface
7"	23	8 RD	J-55	181'	Howzo				Prod. Csg.
7"	20	8 RD	J-55	1003'	Howzo				Line
5 1/2"	15.50#	8 RD	J-55	302'	Howzo				Prod. Tbg.
2"	4.7#	8 RD	J-55	4810'	Howzo				Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	177'	125	Circulated		
7"	4617'	300	Single Stage		
5 1/2"	4900	75	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 0 feet to 4617 feet, and from 4617 feet to 4900 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

January 26, 1956 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 4,474,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1039

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	790	790	Tan cr-grn ss w/thin sh breaks.
790	1020	230	Variegated sh w/thin ss breaks.
1020	1596	576	Tan to gry cr-grn ss interbedded w/gry sh. Ojo Alamo.
1596	2107	511	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2107	2370	263	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, finegrn ss.
2370	2428	58	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2428	3922	1494	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
3922	4149	227	Cliff House ss. Gry, fine-grn, dense sil ss.
4149	4685	536	Manefee form. Gry, fine-grn s, carb sh & caol.
4685	4820	135	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
4820	4900 T.D.	80	Mancos formation. Gry carb sh.

INVESTIGATION OF PROSPECT
SPECIAL NUMBER
OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.

Signed _____

[Signature]

WELL NO. 2
SECTION 30
ELEVATION 3200
DATE OF RECORDING [illegible]
BY [illegible]

LOCAL OR OTHER LISTED _____
COMPANY _____
ADDRESS _____
CITY _____ STATE _____

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

OIL OR GAS SANDS OR ZONES

(b) (5) ACP, (b) (5) ACP

No. 1 from 1941 to 1942	No. 4 from 1943 to 1944
No. 2 from 1945 to 1946	No. 5 from 1947 to 1948
No. 3 from 1949 to 1950	No. 6 from 1951 to 1952

REPORTING OFFICIALS

NOT SIGN

1-24-56 Total depth 4,900'. Water treated point lookout thru perforations 4,684-4,713, 4,734-4,762, 4,800-4,820 with 46 750 gallons casing fluid. Breakdown pressure 1400#, maximum pressure 1400#, average treating pressure 750#. Injection rate 72 bbls./min. Flush 8080 gallons.

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 the 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

10-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FROM	TO	TOTAL FEET	FORMATION
620	610	10	White sandstone. Gr. sand sh.
610	600	10	White sandstone. Gr. sand sh.
600	590	10	White sandstone. Gr. sand sh.
590	580	10	White sandstone. Gr. sand sh.
580	570	10	White sandstone. Gr. sand sh.
570	560	10	White sandstone. Gr. sand sh.
560	550	10	White sandstone. Gr. sand sh.
550	540	10	White sandstone. Gr. sand sh.
540	530	10	White sandstone. Gr. sand sh.
530	520	10	White sandstone. Gr. sand sh.
520	510	10	White sandstone. Gr. sand sh.
510	500	10	White sandstone. Gr. sand sh.
500	490	10	White sandstone. Gr. sand sh.
490	480	10	White sandstone. Gr. sand sh.
480	470	10	White sandstone. Gr. sand sh.
470	460	10	White sandstone. Gr. sand sh.
460	450	10	White sandstone. Gr. sand sh.
450	440	10	White sandstone. Gr. sand sh.
440	430	10	White sandstone. Gr. sand sh.
430	420	10	White sandstone. Gr. sand sh.
420	410	10	White sandstone. Gr. sand sh.
410	400	10	White sandstone. Gr. sand sh.
400	390	10	White sandstone. Gr. sand sh.
390	380	10	White sandstone. Gr. sand sh.
380	370	10	White sandstone. Gr. sand sh.
370	360	10	White sandstone. Gr. sand sh.
360	350	10	White sandstone. Gr. sand sh.
350	340	10	White sandstone. Gr. sand sh.
340	330	10	White sandstone. Gr. sand sh.
330	320	10	White sandstone. Gr. sand sh.
320	310	10	White sandstone. Gr. sand sh.
310	300	10	White sandstone. Gr. sand sh.
300	290	10	White sandstone. Gr. sand sh.
290	280	10	White sandstone. Gr. sand sh.
280	270	10	White sandstone. Gr. sand sh.
270	260	10	White sandstone. Gr. sand sh.
260	250	10	White sandstone. Gr. sand sh.
250	240	10	White sandstone. Gr. sand sh.
240	230	10	White sandstone. Gr. sand sh.
230	220	10	White sandstone. Gr. sand sh.
220	210	10	White sandstone. Gr. sand sh.
210	200	10	White sandstone. Gr. sand sh.
200	190	10	White sandstone. Gr. sand sh.
190	180	10	White sandstone. Gr. sand sh.
180	170	10	White sandstone. Gr. sand sh.
170	160	10	White sandstone. Gr. sand sh.
160	150	10	White sandstone. Gr. sand sh.
150	140	10	White sandstone. Gr. sand sh.
140	130	10	White sandstone. Gr. sand sh.
130	120	10	White sandstone. Gr. sand sh.
120	110	10	White sandstone. Gr. sand sh.
110	100	10	White sandstone. Gr. sand sh.
100	90	10	White sandstone. Gr. sand sh.
90	80	10	White sandstone. Gr. sand sh.
80	70	10	White sandstone. Gr. sand sh.
70	60	10	White sandstone. Gr. sand sh.
60	50	10	White sandstone. Gr. sand sh.
50	40	10	White sandstone. Gr. sand sh.
40	30	10	White sandstone. Gr. sand sh.
30	20	10	White sandstone. Gr. sand sh.
20	10	10	White sandstone. Gr. sand sh.
10	0	10	White sandstone. Gr. sand sh.

FORMATION RECORD—Continued