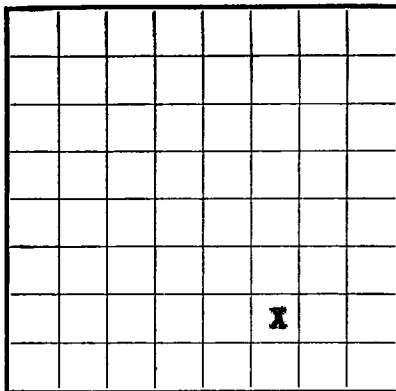
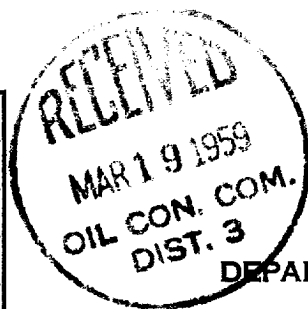




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **070987**
LEASE OR PERMIT TO PROSPECT _____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 **Canyon Largo Unit** Field **Largo Canyon P.C. State New Mexico**
Well No. **80** Sec. **35** T. **25N** R. **7W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **1090** ft. **N** of **S** Line and **1650** ft. **E** of **E** Line of **Section 35** Elevation **6828'**
(Derriek 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 J.J. TILLERSON**Date **March 16, 1959** Title **Petroleum Engineer**

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

Commenced drilling **2-16-**, 19**59** Finished drilling **2-21-**, 19**59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2467** to **2512 (G)** No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ 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
8 5/8"	32	8 Rd.	J-55	122'	Howe				Surface
5 1/2"	15.5	8 Rd.	J-55	2540'	Howe				2540' to 2550'
1 1/4"	2.4	8 Rd.	Grade "A"	2483'					2483' to 2512'

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	132'	75	Circulated		
5 1/2"	2550'	115	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 **2550** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ **Feb. 27**, 19**59** 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 **3,791,000** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **643** **A.O.F.—4837 MCF/D**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1645	1645	Tan to gry cr-gra ss interbedded w/gry sh.
1645	1763	118	Ojo Alamo ss. White cr-gra s.
1763	2148	385	Kirtland form. Gry sh interbedded w/tight gry fine-gra ss.
2148	2467	319	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-gra ss.
2467	2515	48	Pictured Cliffs form. Gry, fine-gra, tight, varicolored soft ss.
2515	2550	35	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

LEOP—

LO—

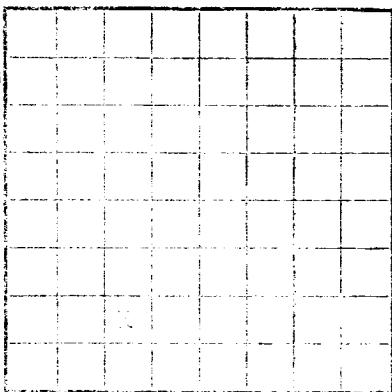
LOLVY LEEL

(OVER)

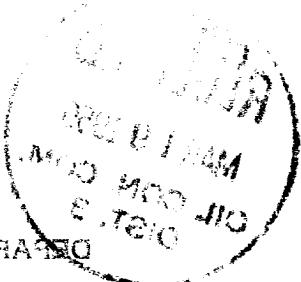
LOBBIVUON

16-43094-4

FORMATION RECORD—CONTINUED



LOCATE WELL CORRECTLY



LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U.S. LAND OFFICE
STANDARD NUMBER
LEASE OR PLAT TO PROSPECT

Highest Bureau No. 44-93534
Approval expires 12-31-30

Company, _____
Lessor or Trust _____
Well No. _____
Location _____
The information given hereon is a complete and correct record of the well and all work done thereon
as far as can be determined from available records.
Signed _____
Date _____

This summary on this page is for the completion of the well at above date.
Commenced drilling _____
Completed drilling _____

OIL OR GAS SAVED OR BURNED
(Please give in ft.)
No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SAVED
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 _____
No. 17 from _____ to _____
No. 18 from _____ to _____
No. 19 from _____ to _____
No. 20 from _____ to _____
No. 21 from _____ to _____
No. 22 from _____ to _____
No. 23 from _____ to _____
No. 24 from _____ to _____
No. 25 from _____ to _____
No. 26 from _____ to _____
No. 27 from _____ to _____
No. 28 from _____ to _____
No. 29 from _____ to _____
No. 30 from _____ to _____
No. 31 from _____ to _____
No. 32 from _____ to _____
No. 33 from _____ to _____
No. 34 from _____ to _____
No. 35 from _____ to _____
No. 36 from _____ to _____
No. 37 from _____ to _____
No. 38 from _____ to _____
No. 39 from _____ to _____
No. 40 from _____ to _____
No. 41 from _____ to _____
No. 42 from _____ to _____
No. 43 from _____ to _____
No. 44 from _____ to _____
No. 45 from _____ to _____
No. 46 from _____ to _____
No. 47 from _____ to _____
No. 48 from _____ to _____
No. 49 from _____ to _____
No. 50 from _____ to _____
No. 51 from _____ to _____
No. 52 from _____ to _____
No. 53 from _____ to _____
No. 54 from _____ to _____
No. 55 from _____ to _____
No. 56 from _____ to _____
No. 57 from _____ to _____
No. 58 from _____ to _____
No. 59 from _____ to _____
No. 60 from _____ to _____
No. 61 from _____ to _____
No. 62 from _____ to _____
No. 63 from _____ to _____
No. 64 from _____ to _____
No. 65 from _____ to _____
No. 66 from _____ to _____
No. 67 from _____ to _____
No. 68 from _____ to _____
No. 69 from _____ to _____
No. 70 from _____ to _____
No. 71 from _____ to _____
No. 72 from _____ to _____
No. 73 from _____ to _____
No. 74 from _____ to _____
No. 75 from _____ to _____
No. 76 from _____ to _____
No. 77 from _____ to _____
No. 78 from _____ to _____
No. 79 from _____ to _____
No. 80 from _____ to _____
No. 81 from _____ to _____
No. 82 from _____ to _____
No. 83 from _____ to _____
No. 84 from _____ to _____
No. 85 from _____ to _____
No. 86 from _____ to _____
No. 87 from _____ to _____
No. 88 from _____ to _____
No. 89 from _____ to _____
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 _____

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 pulling.

HISTORY OF OIL OR GAS WELL

FROM	TO	TOTAL FEET	FORMATION
0	10	10	Gravelly sand, yellowish, fine to medium, with some small pebbles.
10	20	20	Gravelly sand, yellowish, fine to medium, with some small pebbles.
20	30	30	Gravelly sand, yellowish, fine to medium, with some small pebbles.
30	40	40	Gravelly sand, yellowish, fine to medium, with some small pebbles.
40	50	50	Gravelly sand, yellowish, fine to medium, with some small pebbles.
50	60	60	Gravelly sand, yellowish, fine to medium, with some small pebbles.
60	70	70	Gravelly sand, yellowish, fine to medium, with some small pebbles.
70	80	80	Gravelly sand, yellowish, fine to medium, with some small pebbles.
80	90	90	Gravelly sand, yellowish, fine to medium, with some small pebbles.
90	100	100	Gravelly sand, yellowish, fine to medium, with some small pebbles.
100	110	110	Gravelly sand, yellowish, fine to medium, with some small pebbles.
110	120	120	Gravelly sand, yellowish, fine to medium, with some small pebbles.
120	130	130	Gravelly sand, yellowish, fine to medium, with some small pebbles.
130	140	140	Gravelly sand, yellowish, fine to medium, with some small pebbles.
140	150	150	Gravelly sand, yellowish, fine to medium, with some small pebbles.
150	160	160	Gravelly sand, yellowish, fine to medium, with some small pebbles.
160	170	170	Gravelly sand, yellowish, fine to medium, with some small pebbles.
170	180	180	Gravelly sand, yellowish, fine to medium, with some small pebbles.
180	190	190	Gravelly sand, yellowish, fine to medium, with some small pebbles.
190	200	200	Gravelly sand, yellowish, fine to medium, with some small pebbles.
200	210	210	Gravelly sand, yellowish, fine to medium, with some small pebbles.
210	220	220	Gravelly sand, yellowish, fine to medium, with some small pebbles.
220	230	230	Gravelly sand, yellowish, fine to medium, with some small pebbles.
230	240	240	Gravelly sand, yellowish, fine to medium, with some small pebbles.
240	250	250	Gravelly sand, yellowish, fine to medium, with some small pebbles.
250	260	260	Gravelly sand, yellowish, fine to medium, with some small pebbles.
260	270	270	Gravelly sand, yellowish, fine to medium, with some small pebbles.
270	280	280	Gravelly sand, yellowish, fine to medium, with some small pebbles.
280	290	290	Gravelly sand, yellowish, fine to medium, with some small pebbles.
290	300	300	Gravelly sand, yellowish, fine to medium, with some small pebbles.
300	310	310	Gravelly sand, yellowish, fine to medium, with some small pebbles.
310	320	320	Gravelly sand, yellowish, fine to medium, with some small pebbles.
320	330	330	Gravelly sand, yellowish, fine to medium, with some small pebbles.
330	340	340	Gravelly sand, yellowish, fine to medium, with some small pebbles.
340	350	350	Gravelly sand, yellowish, fine to medium, with some small pebbles.
350	360	360	Gravelly sand, yellowish, fine to medium, with some small pebbles.
360	370	370	Gravelly sand, yellowish, fine to medium, with some small pebbles.
370	380	380	Gravelly sand, yellowish, fine to medium, with some small pebbles.
380	390	390	Gravelly sand, yellowish, fine to medium, with some small pebbles.
390	400	400	Gravelly sand, yellowish, fine to medium, with some small pebbles.
400	410	410	Gravelly sand, yellowish, fine to medium, with some small pebbles.
410	420	420	Gravelly sand, yellowish, fine to medium, with some small pebbles.
420	430	430	Gravelly sand, yellowish, fine to medium, with some small pebbles.
430	440	440	Gravelly sand, yellowish, fine to medium, with some small pebbles.
440	450	450	Gravelly sand, yellowish, fine to medium, with some small pebbles.
450	460	460	Gravelly sand, yellowish, fine to medium, with some small pebbles.
460	470	470	Gravelly sand, yellowish, fine to medium, with some small pebbles.
470	480	480	Gravelly sand, yellowish, fine to medium, with some small pebbles.
480	490	490	Gravelly sand, yellowish, fine to medium, with some small pebbles.
490	500	500	Gravelly sand, yellowish, fine to medium, with some small pebbles.
500	510	510	Gravelly sand, yellowish, fine to medium, with some small pebbles.
510	520	520	Gravelly sand, yellowish, fine to medium, with some small pebbles.
520	530	530	Gravelly sand, yellowish, fine to medium, with some small pebbles.
530	540	540	Gravelly sand, yellowish, fine to medium, with some small pebbles.
540	550	550	Gravelly sand, yellowish, fine to medium, with some small pebbles.
550	560	560	Gravelly sand, yellowish, fine to medium, with some small pebbles.
560	570	570	Gravelly sand, yellowish, fine to medium, with some small pebbles.
570	580	580	Gravelly sand, yellowish, fine to medium, with some small pebbles.
580	590	590	Gravelly sand, yellowish, fine to medium, with some small pebbles.
590	600	600	Gravelly sand, yellowish, fine to medium, with some small pebbles.
600	610	610	Gravelly sand, yellowish, fine to medium, with some small pebbles.
610	620	620	Gravelly sand, yellowish, fine to medium, with some small pebbles.
620	630	630	Gravelly sand, yellowish, fine to medium, with some small pebbles.
630	640	640	Gravelly sand, yellowish, fine to medium, with some small pebbles.
640	650	650	Gravelly sand, yellowish, fine to medium, with some small pebbles.
650	660	660	Gravelly sand, yellowish, fine to medium, with some small pebbles.
660	670	670	Gravelly sand, yellowish, fine to medium, with some small pebbles.
670	680	680	Gravelly sand, yellowish, fine to medium, with some small pebbles.
680	690	690	Gravelly sand, yellowish, fine to medium, with some small pebbles.
690	700	700	Gravelly sand, yellowish, fine to medium, with some small pebbles.
700	710	710	Gravelly sand, yellowish, fine to medium, with some small pebbles.
710	720	720	Gravelly sand, yellowish, fine to medium, with some small pebbles.
720	730	730	Gravelly sand, yellowish, fine to medium, with some small pebbles.
730	740	740	Gravelly sand, yellowish, fine to medium, with some small pebbles.
740	750	750	Gravelly sand, yellowish, fine to medium, with some small pebbles.
750	760	760	Gravelly sand, yellowish, fine to medium, with some small pebbles.
760	770	770	Gravelly sand, yellowish, fine to medium, with some small pebbles.
770	780	780	Gravelly sand, yellowish, fine to medium, with some small pebbles.
780	790	790	Gravelly sand, yellowish, fine to medium, with some small pebbles.
790	800	800	Gravelly sand, yellowish, fine to medium, with some small pebbles.
800	810	810	Gravelly sand, yellowish, fine to medium, with some small pebbles.
810	820	820	Gravelly sand, yellowish, fine to medium, with some small pebbles.
820	830	830	Gravelly sand, yellowish, fine to medium, with some small pebbles.
830	840	840	Gravelly sand, yellowish, fine to medium, with some small pebbles.
840	850	850	Gravelly sand, yellowish, fine to medium, with some small pebbles.
850	860	860	Gravelly sand, yellowish, fine to medium, with some small pebbles.
860	870	870	Gravelly sand, yellowish, fine to medium, with some small pebbles.
870	880	880	Gravelly sand, yellowish, fine to medium, with some small pebbles.
880	890	890	Gravelly sand, yellowish, fine to medium, with some small pebbles.
890	900	900	Gravelly sand, yellowish, fine to medium, with some small pebbles.
900	910	910	Gravelly sand, yellowish, fine to medium, with some small pebbles.
910	920	920	Gravelly sand, yellowish, fine to medium, with some small pebbles.
920	930	930	Gravelly sand, yellowish, fine to medium, with some small pebbles.
930	940	940	Gravelly sand, yellowish, fine to medium, with some small pebbles.
940	950	950	Gravelly sand, yellowish, fine to medium, with some small pebbles.
950	960	960	Gravelly sand, yellowish, fine to medium, with some small pebbles.
960	970	970	Gravelly sand, yellowish, fine to medium, with some small pebbles.
970	980	980	Gravelly sand, yellowish, fine to medium, with some small pebbles.
980	990	990	Gravelly sand, yellowish, fine to medium, with some small pebbles.
990	1000	1000	Gravelly sand, yellowish, fine to medium, with some small pebbles.