

[illegible]

RECEIVED
AUG 22 1960
OIL CON. COM.
DIST. 3
DEPART

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **080538**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract San Juan 30-5 Unit Field Blanco Mesa Verde State New Mexico
Well No. 23-14 Sec. 14 T. 30 N. R. 5 W. Meridian N.M.P.M. County Rio Arriba
Location 1840 ft. TEX of N. Line and 1840 ft. TEX of E. Line of Sec. 14 Elevation 6653
(Derive floor plate to a solid)

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 August 16, 1960 Title Petroleum Engineer

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

Commenced drilling 5-22, 1960 Finished drilling 6-6-60, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4320 to 3572 (C) ----- No. 4, from 5760 to 5990 (A) -----
 No. 2, from sale. 5549 to 5590 (A) ----- No. 5, from ----- to -----
 No. 3, from 590 to 5760 (C) ----- 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—	
10 3/8" 26.7	26.7	8 REG.	J-55	6005	Dakota Baker	10' 3/8" casing	10' 3/8" casing	Intermediate Prod tubing	
5 1/2" 13.5	13.5	8 REG.	J-55	6317	Baker	5 1/2" casing	5 1/2" casing	Prod tubing	
HISLOX OF GRACE OVR. ACTT									
2" 4.7	4.7	8 REG.	J-55	6005				Prod tubing	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	294	330	circulated		
7 5/8"	323	125	single stage		
5 1/2"	374.8-6065	312	single stage & squeeze		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

TOOLS USED

Rotary tools were used from 0 feet to 324 feet, and from 324 feet to 326 feet. Drilled w/ gas & mud

Cable tools were used from 0 feet to 0 feet, and from 326 feet to 605 feet. Drilled

DATES

6-17-60, 19 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 3,000,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1238 A.O.F. - 6017 MCF/D

EMPLOYEES

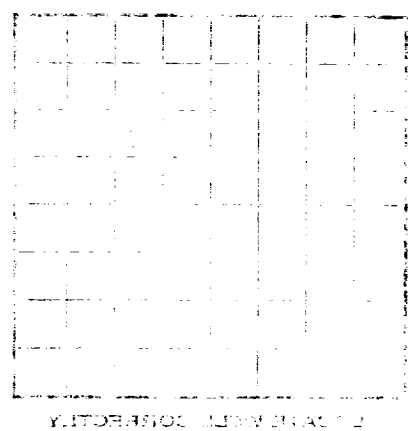
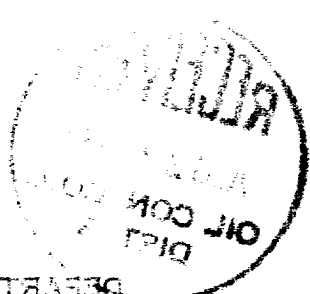
_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2768	2768	Tan to gry cr-grn ss interbedded w/gry sh.
c. 2768	2983	215	Ojo Alamo ss. White cr-grn s.
c. 2983	3333	350	Kirtland form Gry sh interbedded w/tight gry fine-grn ss.
. 3333	3420	87	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3420	3572	152	Pictured Cliffs forms Gry, fine-grn, tight, varicolored soft ss.
3572	5549	1977	Lewis form. Gry, fine-grn, dense sil ss.
c. 5549	5590	41	Cliff House ss. Gry, fine-grn, dense sil ss.
5590	5760	170	Henefer form. Gry, fine-grn s, carb sh & coal.
5760	5990	230	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5990	6065	75	Mancos formation. Gry carb sh.

[OVER]
 BOBINATION BECOMO-continued



LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Location of well, State, County, Township, Range, Section, and other data.
Name of owner, operator, or lessee.
Date of completion of well.
Depth of well in feet.
Direction of dip in degrees.
Nature of rock or strata encountered.
Description of logs, tests, or other data.

OIL OR GAS SANDS AND ZONES

Depth from surface in feet.
Description of sands and zones.
Thickness in feet.

1600-1800. Recapped 9 sets of 10 balls for 10 stages.
5500-5600. 6000-6010. 5500-5600. 6000-6010.
5500-5600. 6000-6010. 5500-5600. 6000-6010.

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 added, state its location, size, and date. 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 drilling.

HISTORY OF OIL OR GAS WELL

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