

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 037667
LEASE OR PERMIT TO PROSPECT Courtland Myers Federal

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY

Company Texas Pacific Coal & Oil Company Address P. O. Box 1688, Hobbs, New Mexico

Lessor or Tract Courtland Myers Federal Field Langlie-Mattix State New Mexico

Well No. 6 Sec. 24 T. 24 R. 37E Meridian NMPM County Lea

Location 1980 ft. N. of S. Line and 660 ft. W. of E. Line of Sec. 6 Elevation 3308.65
(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 Robert M. Lee

Date May 23, 1961 Title Petroleum Engineer

Date May 1, 1900
The summary on this page is for the condition of the well at above date.

Commenced drilling April 9, 1961 Finished drilling April 15, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by $\mathcal{G}$)

Perforated Zones

Perforated Zones

No. 1, from <u>3614</u> to <u>3620</u>	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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	326	300+4% Gel+2% CaCl ₂	Pump & Plug		
5-1/2	3629	250 + 4% Gel	Pump & Plug		

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

TOOLS USED

Rotary tools were used from 0 feet to 3630 feet, and from _____ feet to _____ feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

Put to producing May 5, 1961

The production for the first 24 hours was 45 barrels of fluid of which 98 % was oil; 0 % emulsion; 2 % water; and % sediment. Gravity, °Bé. 31°

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

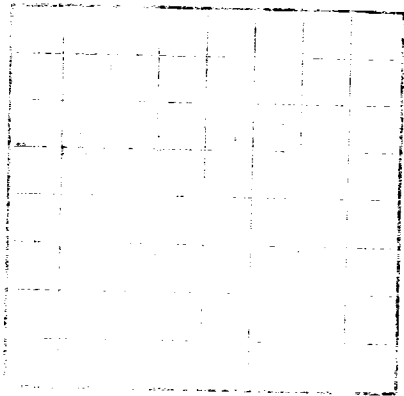
EMPLOYEES

<u>J. C. Hipp</u>	Driller	<u>G. W. Warren</u>	Driller
<u>Roy Schumacher</u>	Driller		Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
Surface	328	328	Sand and Red Bed
328	1203	875	Red Bed and Shells
1203	2730	1527	Anhydrite and salt
2730	2780	50	Anhydrite and Gyp.
2780	2954	174	Anhydrite and Lime
2954	3630	676	Lime
<u>GEOLOGIC TOPS (Electric Log)</u>			
Anhydrite	1169'		
Yates	2910'		
Seven Rivers	3242'		
Queen	3547'		

(OVER)
FORMATION RECORD - CONFIDENTIAL



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GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

The purpose of this log is to record the results of the work done in the well, and to give a complete history of the well. It is of the greatest importance to have a complete history of the well, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any testing was done, state the date, size, position, and results of pumping or bailing. If the well has been dynamited, give date, size, position, and results of dynamiting. If the well has been plugged or abandoned, give date, size, position, and results of plugging or abandoning. If the well has been abandoned, give date, size, position, and results of abandoning. If the well has been abandoned, give date, size, position, and results of abandoning.

LOG OF GAS SANDS OR CONCRETE

IMPORTANT WATER SANDS

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 testing was done, state the date, size, position, and results of pumping or bailing. If the well has been dynamited, give date, size, position, and results of dynamiting. If the well has been plugged or abandoned, give date, size, position, and results of plugging or abandoning. If the well has been abandoned, give date, size, position, and results of abandoning. If the well has been abandoned, give date, size, position, and results of abandoning.

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