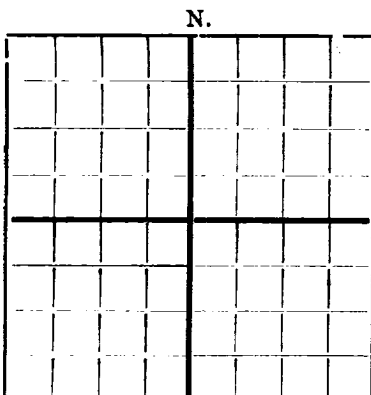




DEPARTMENT OF THE STATE GEOLOGIST

NEW MEXICO SCHOOL OF MINES

Socorro, New Mexico

WELL RECORD

Mail to State Geologist, Socorro, New Mexico, not more than ten days
after completion of well. Indicate questionable data by fol-
lowing it with (?). Submit in duplicate.

Company Texas Pacific Coal & Oil Company Address 1710 Ft. Worth Nat'l. Bank Bldg.
Ft. Worth, Texas.
Send correspondence to R.J. Fleckenstein Address 1710 Ft. Worth Nat'l. Bk. Bldg. Ft. Worth,
State of New Mexico Well No. 3 in _____ of Sec. 21, T. 23 - S.,
R. 36 - E., N. M. P. M., Jal, Oil Field Lea County.
If State land the oil and gas lease is No. A - 983 Assignment No. _____
If patented land the owner is _____, Address _____
The lessee is Texas Pacific Coal & Oil Company, Address 1710 Ft. Worth Nat'l. Bank Bldg.
Ft. Worth, Texas.
If not state or patented land, give status _____
Drilling commenced December 18, 19 30 Drilling was completed March 2, 1930 19 ____
Name of drilling contractor Smith-McDannald & McMillan, Address Electra, Texas.
Elevation above sea level at top of casing 3421.75 feet.
The information given is to be kept confidential until _____ 19 ____.

OIL SANDS OR ZONES

No. 1, from 3692 to 3715 Perous No. 4, showing Oil 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	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>12 1/2"</u>	<u>50#</u>	<u>Second Hand 8 Thd.</u>	<u>373'</u>	<u>Plain</u>					
<u>8 5/8" 9" OD</u>	<u>34#</u>	<u>8 Thd. Nat'l.</u>	<u>3247'</u>	<u>Cement</u>	<u>Float (Baker-Burch)</u>				
<u>6 5/8" 7" OD</u>	<u>24#</u>	<u>10 Thd. Nat'l.</u>	<u>3642</u>	<u>Cement</u>	<u>Float (Baker-Burch)</u>				

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	No. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>12 1/2"</u>	<u>373'</u>	<u>300 Incor.</u>	<u>Haliburton</u>	<u>11 #</u>	
<u>8 5/8" 9" OD</u>	<u>3247</u>	<u>700 Incor.</u>	<u>Method</u>	<u>11 #</u>	
<u>6 5/8" 7" OD</u>	<u>3642</u>	<u>200 Incor.</u>	<u>Drill Pipe</u>	<u>11 #</u>	

Approx. 150 Tons

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
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TOOLS USED

Rotary tools were used from 0 feet to 3717 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing March 2, 19 30
The production for the first 24 hours was 1687 barrels of fluid of which 100 % was oil; NO %
emulsion; NO % water; and NO % sediment. Gravity, Be. 30
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

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

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all
work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 12
day of March, 1930

Name J. H. League
Position Assistant Supt.

Notary Public

My commission expires March 2, 1933Representing Texas Pacific Coal & Oil Co.
Company or Operator

FORMATION RECORD

From	to	Thickness in Feet	Formation
0	30	30	Sand
30	243	213	Sand
243	263	20	Bed Red
263	278	15	Sand
278	339	61	Bed Red
339	349	10	Sand
349	355	06	Bed Red
355	408	53	Sand, Reduced hole, Set 122" 373' (Red Sand)
408	425	17	Rock Red
425	446	21	Rock Sandy Red
446	453	07	Bed Red Sticky
453	526	73	Rock Red Sandy
526	534	08	Bed Red Sticky
534	630	96	Rock Red Sandy
630	641	11	Bed Red Shale
641	723	82	Sand Hard
723	761	38	Sand Hard white
761	890	129	Sand Hard
890	907	17	Sand Broken
907	936	29	Sand Hard
936	941	05	Sand
941	976	35	Shale Red Sandy
976	988	12	Bed Red
988	1069	81	Rock Red
1069	1078	09	Bed Red
1078	1082	04	Rock Red
1082	1087	05	Bed Red
1087	1095	08	Rock Red Sandy
1095	1112	17	Bed Red
1112	1144	32	Rock Red
1144	1149	05	Rock Red
1149	1189	40	Bed Red
1189	1217	28	Rock Red Sandy
1217	1262	45	Rock Red
1262	1298	36	Rock Red Sandy
1298	1333	35	Rock Red
1333	1354	21	Rock Red Hard
1354	1383	29	Rock Red
1383	1406	23	Rock Red
1406	1413	07	Rock Red Broken
1413	1429	16	Bed Red
1429	1455	26	Anhydrite
1455	1476	21	Salt - Top Salt
1476	1532	56	Anhydrite
1532	1548	16	Gyp
1548	1629	81	Potash Soft
1629	1654	25	Anhyd.
1654	1666	12	Gyp
1666	1680	14	Anhydrite
1680	1708	28	Salt
1708	1723	15	Anhydrite
1723	1759	36	Anhy. & Salt
1759	1778	19	Anhydrite white
1778	1816	38	Salt Brown
1816	1884	68	Salt & Anhyd.
1884	1889	05	Anhydrite
1889	1894	05	Anhyd. white
1894	1928	34	Salt
1928	1950	22	Anhydrite
1950	1977	27	Salt
1977	1994	17	Anhyd. white
1994	2016	22	Salt
2016	2019	03	Anhyd.
2019	2054	35	Salt
2054	2071	17	Anhyd. white
2071	2136	65	Salt white
2136	2154	18	Potash Red
2154	2162	08	Anhyd. white
2162	2189	27	Potash Red
2189	2200	11	Anhyd. & Salt white
2200	2249	49	Salt white
2249	2280	31	Potash Red
2280	2290	10	Salt white & Potash Red
2290	2317	27	Salt white
2317	2394	77	Salt white
2394	2409	15	Anhydrite
2409	2426	17	Anhydrite white
2426	2461	35	Salt white
2461	2467	06	Anhydrite white
2467	2694	227	Salt white
2694	2696	02	Anhydrite
2696	2739	43	Salt white
2739	2767	28	Anhyd. white
2767	2815	48	Salt white
2815	2839	24	Anhydrite
2839	2876	37	Salt white
2876	2900	24	Anhydrite
2900	2928	28	Salt & Anhyd. white
2928	2960	32	Salt white
2960	2967	07	Anhyd. white
2967	2982	15	Salt white
2982	2996	14	Anhyd.
2996	3018	22	Anhyd. & Salt
3018	3041	23	Anhyd. white
3041	3060	19	Salt Broken & Anhyd. white
3060	3082	22	Salt white
3082	3094	12	Anhyd. white
3094	3146	52	Salt white
3146	3162	16	Anhyd. white
3162	3168	06	Salt white
3168	3211	43	Anhyd. white - Reamed 3212-3247
3211	3218	07	Anhyd. Hard
3218	3220	02	Salt
3220	3226	06	Anhyd.
3226	3243	17	Anhyd. white
3243	3289	46	Lime Brown
3289	3295	06	Lime Brown & Anhyd. white
3295	3306	11	Lime Brown
3306	3317	11	Anhyd. white
3317	3321	04	Anhy. & Gray Lime
3321	3368	47	Lime Brown
3368	3379	11	Lime Gray Sandy
3379	3413	34	Lime Brown
3413	3420	07	Lime Gray

3420 To 3430 - 10 Sand Soft

3430 To 3435 - 05 Sand Brown Soft

3435 To 3442 - 07 Sand Black Soft

3442 To 3463 - 21 Lime Gray

3463 To 3467 - 04 Shale Blue

3467 To 3493 - 26 Sand Gray Soft

Est. 14,500,000 Ft. Gas

3493 To 3501 - 08 Lime Gray

3501 To 3503 Steel Line Measurement

3503 To 3529 - 26 Lime Gray

3529 To 3534 - 05 Sand

3534 To 3541 - 07 Lime White

3541 To 3547 - 06 Lime Gray Hard

3547 To 3551 - 04 Lime White

3551 To 3561 - 10 Lime Brown Sandy

3561 To 3566 - 05 Lime White

3566 To 3584 - 18 Lime Gray

3584 To 3591 - 07 Lime Gray

3591 To 3596 - 05 Lime White

3596 To 3602 - 06 Shale Blue

3602 To 3607 - 05 Shale Blue

3607 To 3620 - 13 Lime Gray

3620 To 3640 - 20 Lime White

3640 To 3645 - 05 Lime Brown Hard

3645 To 3648 - 03 Lime Brown

3648 To 3656 - 08 Lime Gray

3656 To 3660 - 04 Sand Brown

3660 To 3667 - 07 Lime

3667 To 3673 - 06 Lime Sandy

3673 To 3677 - 04 Lime Hard & Pyrite

3677 To 3685 - 08 Lime White Hard

3685 To 3697 - 12 Lime White

3697 To 3707 - 10 Lime White

3707 To 3712 - 05 Lime

3712 To 3715 - 03 Lime Soft

3715 To 3717 - 02 Lime Hard

Total Depth 3717

Cored all formation from 3620 to 3717