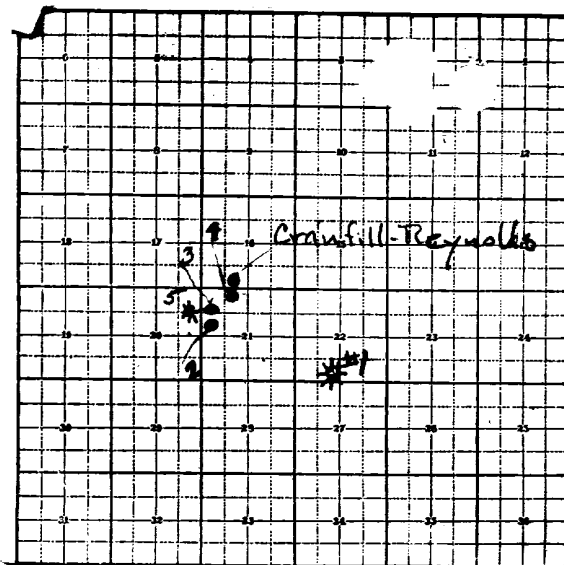




Twp. 23 Rge. 36
 Desc. Sl. Sec. 14 4-26-31
OS 17-21-21-21
 No. Acres _____
 Price per Acre _____
 Total Dec Prod Ac 134.666
 Type Total Dec 4,019.05
 Dated _____
 Rental Total Prod Ac 170.666
 Remarks: Total 5276.52

ILLEGIBLE

N.

SANTA FE, NEW MEXICO

AREA 640 ACRES
LOCATE WELL CORRECTLY

DEPARTMENT OF THE STATE GEOLOGIST

WELL RECORD

Mail to State Geologist, Santa Fe, 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 Co.** Address **1710 Ft. Worth Nat'l. Bank Bldg. Ft. Worth, Tex**Send correspondence to **R.J. Fleckenstein** Address **1710 Ft. Worth Nat'l. Bank Bldg. Ft. Worth, Tex**State of New Mexico Well No. **"A"-5** in **5/4** of Sec. **20**, T. **23-S**R. **36 - E**, N. M. P. M., **Doan** Oil Field **Lee** 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, Tex.**

If not state or patented land, give status

Drilling commenced **June 11,** 19 **30** Drilling was completed **August 4,** 19 **30**Name of drilling contractor **Smith - McDonald & McMillan** Address **Electra, Texas.**Elevation above sea level at top of casing **3415.2** feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from **(Gas) 3609** to **3615 (Gas)** No. 4, from toNo. 2, from **3725** to **3730-Oil show** No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from **70** to **150** 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	
12 1/2	50	8	2nd Hand	389	Plain				
7" O.D.	24	10	Nat'l.	3645	Raker-Burch				
					Cement Float				

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	No. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/2	389	200	Halliburton	12 1/2	100 Bars
7" OD	3645	500	Halliburton	11 1/2	

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters—Material **Cementing up 150' into the 7" Casing.**

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 feet to feet, and from feet to feet

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

PRODUCTION

Put to producing **Never Produced**, 19The production of the first 24 hours was barrels of fluid of which % was oil; % emulsion; **100** % water; and % sediment. Gravity. Be

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

Rock pressure, lbs. per sq. in

EMPLOYES

P.O. Davis, Driller, Driller**D.M. McMillan**, 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 **16th**day of **August**, 19 **30**Name **J. R. Jaque**Position **District Superintendent**

Notary Public

My commission expires **March 24, 1933**Representing **Texas Pacific Coal & Oil Co.****New Mexico** Company or Operator

FORMATION RECORD

From	to	Thickness in Feet	Formation
0	37	37	Sand Gray
37	70	33	Sand Hard
70	150	80	Sand Water
150	225	75	Shale Pink
225	349	124	Red Red
349	361	12	Shale Pink Gravel, Sand Hard
361	370	09	Sand Hard
370	380	10	Red Red
380	434	54	Sand Gray Hard
434	463	29	Shale Sandy
463	533	70	Sand Hard Gray
533	577	44	Shale Brown Sandy
577	630	53	Shale Sandy
630	650	20	Shale Hard
650	673	23	Lime Shells & Red Red
673	700	27	Lime Shells & Red Red
700	725	25	Shale Sandy
725	754	29	Sand Hard
754	800	46	Shale Sandy
800	825	25	Sand Hard
825	850	25	Shale Sandy
850	875	25	Sand Hard
875	905	30	Sand Hard Red Red
905	985	80	Shale Sandy
985	1080	35	Rock Red
1080	1035	15	Sand Hard
1035	1074	40	Rock Red
1074	1170	95	Rock Red Sticky
1170	1281	111	Rock Red
1281	1380	99	Rock Red Hard
1380	1437	57	Rock Red
1437	1442	05	Gyp
1442	1463	22	Anhydrite
1463	1482	19	Salt (Top Salt 1463)
1482	1510	28	Anhy. & Red Rock Broken
1510	1581	71	Anhydrite White
1581	1668	87	Salt
1668	1675	07	Salt & Potash
1675	1717	42	Anhydrite
1717	1757	40	Salt
1757	1767	10	Anhydrite White
1767	1795	28	Salt White
1795	1831	36	Anhydrite White
1831	1848	17	Salt White
1848	1852	04	Anhydrite White
1852	1871	19	Salt
1871	1905	34	Salt White
1905	1915	10	Anhydrite White
1915	1975	60	Salt White
1975	1995	20	Anhydrite
1995	2021	26	Salt White
2021	2084	03	Anhydrite
2084	2094	30	Salt Broken
2094	2090	16	Salt & Anhydrite
2090	2087	17	Salt
2087	2118	29	Anhydrite White
2118	2189	73	Salt White
2189	2202	12	Anhydrite
2202	2217	16	Salt White & Potash Red
2217	2225	08	Anhydrite
2225	2275	50	Salt White
2275	2300	25	Anhydrite
2300	2445	145	Salt White
2445	2475	30	Anhydrite
2475	2505	30	Salt White
2505	2525	20	Anhydrite
2525	2750	225	Salt White
2750	2780	30	Salt & Anhydrite
2780	2814	34	Anhydrite
2814	2850	36	Salt White
2850	2865	15	Anhydrite
2865	2889	24	Anhydrite White
2889	2919	30	Salt White
2919	2945	26	Anhydrite
2945	2974	29	Salt
2974	2981	07	Anhydrite
2981	3071	90	Salt White
3071	3090	19	Anhydrite
3090	3220	130	Salt
3220	3246	26	Anhydrite
3246	3260	14	Anhydrite & Gyp
3260	3280	20	Anhydrite Hard White
3280	3285	05	Anhydrite
3285	3363	78	Lime Brown (3285 Top)
3363	3366	03	Anhydrite
3366	3424	48	Lime Brown
3424	3436	02	Anhydrite
3436	3430	14	Lime Brown
3430	3439	09	Lime Gray
3439	3457	18	Lime Gray Hard
3457	3478	21	Lime Gray Sandy
3478	3493	15	Lime Brown
3493	3514	21	Lime Sandy White Broken
3514	3523	09	Lime White
3523	3540	17	Lime White Hard
3540	3556	16	Sand Blue
3556	3568	12	Lime White
3568	3576	08	Lime White Hard
3576	3600	24	Lime White (3599-3601 Cored-Fished for Flat Plug)
3600	3603	03	Lime Gray
3603	3607	04	Lime White Hard
3607	3609	02	Lime White Hard
3609	3623	14	Lime White Broken (3611-3623 Cored w/6 1/2 in.)
3623	3645	22	Lime White (Cored 3629-35-Reamed 3611-26-Set 7'-3645)
3645	3657	12	Lime
3657	3672	15	Lime White Broken & Sand Brown
3672	3677	05	Lime White
3677	3682	05	Lime Brown & Shale
3682	3689	07	Sand, Lime & Shale
3689	3697	08	Lime White
3697	3707	10	Lime White Hard
3707	3714	07	Lime White Crystals (3707-14 Cored)
3714	3724	10	Lime White Hard
3724	3730	06	Lime Black Hard

CONTINUED

3730 - 3732	12	White Lime
3732 - 3745	13	Sand Gray
3745 - 3748	03	Lime White
3748 - 3762	14	Lime Gray
3762 - 3773	11	Lime Blue Hard
3773 - 3778	05	Lime Blue
3778 - 3790	12	Lime Porous
3790 - 3793	03	Sand Gray

TOTAL DEPTH 3793

PLUGGED BACK TO 3500 WITH 50 Sacks cement up into casing.