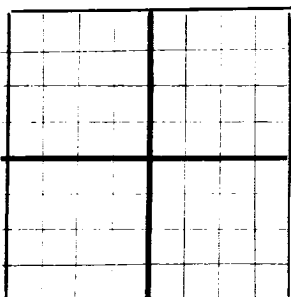


N.

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 Company** Address **1710 Ft. Worth Nat'l. Bank Bldg. Ft. Worth, Texas.**

Send correspondence to **R.J. Fleckenstein** Address **1710 Ft. Worth Nat'l. Bank Bldg. Ft. Worth, Texas.**

State of New Mexico Well No. **1-8"** in **S/E** of Sec. **24**, T. **18 S**

R. **37 E**, N. M. P. M., **Hobbs** Oil Field **Leon** County.

If State land the oil and gas lease is No. **2056** 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 **March 28,** 19 **30** Drilling was completed **July 2,** 19 **30**

Name of drilling contractor **Eastland Oil Company** Address **507 Petroleum Bldg. Ft. Worth, Texas.**

Elevation above sea level at top of casing **3667** feet.

The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from Gas 2846 to 2849	No. 4, from Oil Gas 3743 to 3746
No. 2, from Oil 2917 to 2919	No. 5, from Oil Pay 4140 to 4183
No. 3, from Oil 3212 to 3215	No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 35 to _____	No. 3, from _____ to _____
No. 2, from 85 to 105	No. 4, from _____ to _____

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATED FROM TO	PURPOSE
20"	90	12	2nd. Hand	105	Plain			
12 1/2"	50	8	"	1521	Plain			
9" OD	34	10	Nat'l. Seamless	2815	-Baker-Burch Cement Float Shoe			
7" OD	24	8	"	3880	Plain			

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
20"	305	125	Halliburton		
12 1/2"	1521	300 (Back to surface)	"		
9" OD	2815	700	"		
7" OD	3880	200	"		

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 **205** feet to **1521** feet, and from **3880** feet to **4214** feet

Cable tools were used from **0** feet to **205** feet, and from **1521** feet to **3880** feet

PRODUCTION

Put to producing **July 2,** 19 **30**

10 hrs. 15 min. Shut in A/C Storage

The production of the first 24 hours was **3495** barrels of fluid of which _____ % was oil; _____ % emulsion; **8/10 of 1** % water; and _____ % sediment. Gravity, Be. **Est. 36**

Which was Drilling Water.

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J.G. Phillips	Driller	Howard Tarr	Driller
Cal Bookstool	Driller	W.T. Niver	
J.M. Webster		Chas. Wright	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 **10th** day of **July**, 19 **30**

W. H. Stewart Notary Public

My commission expires **March 24, 1933**

Name **J. R. Trague**

Position **DISTRICT SUPERINTENDENT**

Representing **TEXAS PACIFIC COAL & OIL CO. NEW MEXICO** Company or Operator

FORMATION RECORD

From	to	Thickness in Feet	Formation
0	45	45	Surface
45	85	40	Sandy
85	95	10	Water
95	115	20	Sand (Set 20" Casing)
115	121	6	Lime Hard
121	145	24	Sand Broken
145	155	10	Lime
155	185	30	Sand
185	190	5	Lime Shell
190	200	10	Sand
200	405	205	Red Beds&Gravel
405	420	15	Red Red
420	477	57	Sand Hard
477	530	53	Red Red
530	645	115	Red Red&Shells Hard
645	705	60	Red Red & Lime Shells
705	743	38	Shale Sandy
743	770	27	Red Red & Sand
770	853	83	Shale & Lime Shells
853	875	22	Sand Shale Hard
875	898	23	Lime Blue Sticky Shale
898	910	12	Sand Hard
910	965	55	Rock Red&Shale Hard
965	990	25	Sand & Shale Hard
990	1055	65	Red Red & Sand
1055	1060	5	Red Red & Shale
1060	1068	8	Sand Broken Hard
1068	1105	37	Shale Hard Shells
1105	1130	25	Lime Brown & Hard Sand
1130	1150	20	Shale Sticky
1150	1165	15	Sand Hard
1165	1184	19	Lime Sandy Hard
1184	1194	10	Lime Sandy Hard
1194	1212	18	Lime Sandy-Red Bed
1212	1331	119	Lime Sandy-Rock Red
1331	1356	25	Lime Shells-Red Shale
1356	1420	64	Shale-Sand Hard
1420	1435	15	Shale Sand Hard
1435	1457	22	Rock-Red Sand
1457	1469	12	Red Red & Sand
1469	1474	5	Rock Red Hard
1474	1481	7	Anhydrite
1481	1487	6	Anhydrite
1487	1495	8	Rock Red
1495	1503	8	Anhydrite & Shale
1503	1521	18	Anhydrite & Shale Hard (Set 12 1/2 Pipe)
1521	1525	4	Anhydrite Broken
1525	1585	60	Anhydrite
1585	1605	20	Red Red & Anhydrite
1605	1615	10	Rock Red
1615	1625	10	Anhydrite
1625	1695	70	Rock Red & Salt
1695	1725	30	Anhydrite & Salt
1725	1800	75	Red Red & Salt
1800	1845	45	Anhydrite
1845	1860	15	Salt
1860	1925	65	Salt
1925	1975	50	Rock Red & Salt
1975	2550	575	Potash & Salt
2550	2840	290	Anhydrite (Gas-2846-49)
2840	2917	77	Lime (Set 9" OD Pipe 2815)
2917	2919	2	Sand (let. Oil Show)
2919	2950	31	Anhydrite
2950	3210	260	Anhydrite (2950-78 Lime&Anhyd)
3210	3220	10	Lime (Oil 3212-15)
3220	3230	10	Anhydrite
3230	3270	40	Lime
3270	3295	25	Anhydrite
3295	3310	15	Lime
3310	3335	25	Lime
3335	3525	190	Anhydrite
3525	3600	75	Anhydrite & Lime
3600	3630	30	Anhydrite
3630	3660	30	Sand Gray
3660	3675	15	Lime
3675	3805	130	Lime (Show oil & Gas 3743-46)
3805	3810	5	Anhydrite
3810	3880	70	Lime (Set 7" OD Pipe)
3880	3938	58	Lime
3938	3943	5	Lime
3943	4001	58	Sandy Shale & Lime Streaks
4001	4026	25	Sandy Anhydrite
4026	4063	37	Lime
4063	4103	40	Lime & Anhydrite
4103	4140	37	Lime Broken
4140	4183	43	Lime Broken Soft (Oil Pay)
4183	4193	10	Lime
4193	4214	21	Lime Broken

TOTAL DEPTH 4214