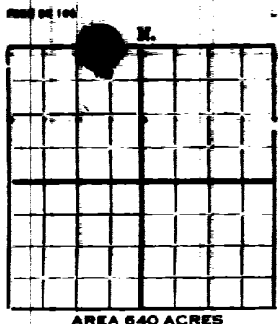


2



NEW MEXICO STATE GEOLOGIST
SANTO DOMINGO

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 and Oil Company Address 1710 Ft. Worth National Bk 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. 2 in S21 of Sec. 21, T. 25-S
R. 36-E, N. M. P. M., Oil Field Law County.
If State land the oil and gas lease is No. A-985 Assignment No. _____
If patented land the owner is _____, Address _____
The lessee is Texas Pacific Coal and Oil Company, Address 1710 Ft. Worth Nat'l Bk Bldg.,
Ft. Worth, Texas.
If not state or patented land, give status _____
Drilling commenced June 22, 19 29 Drilling was completed October 12, 19 29.
Name of drilling contractor Southwestern Drilling Company, Address Dallas, Texas.
Elevation above sea level at top of casing 5416 feet.
The information given is to be kept confidential until _____ 19 ____.

OIL SANDS OR ZONES

No. 1, from 3650 to 3654 Porous Lime, showing oil No. 4, from _____ to _____
No. 2, from 3654 to 3660 Lime, showing oil. No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None 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>345</u>					
<u>8-5/8</u>	<u>34</u>			<u>3258</u>					
<u>6-5/8</u>	<u>24</u>			<u>3636</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>345</u>	<u>300</u>	<u>Drill Pipe</u>	<u>11 1/2 Pr. Gal.</u>	<u>Approx. 150 Tons</u>
<u>8-5/8"</u>	<u>3258</u>	<u>700</u>	<u>" "</u>		
<u>6-5/8"</u>	<u>3636</u>	<u>200</u>			

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth Set _____
Adapters—Material None Size _____

SHOOTING RECORD

SIZE	SHELL USED	EXPLOSIVE USED	QUANTITY	DATE	DEPTH SHOT	DEPTH CLEANED OUT
	<u>N</u>	<u>O</u>	<u>N</u>	<u>E</u>		

TOOLS USED

Rotary tools were used from 0 feet to 3712 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing 10-12- 19 29
The production for the first 24 hours was 350 barrels of fluid of which 100 % was oil; 0 %
emulsion; 0 % water; and 0 % 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. _____

EMPLOYEES

Southwestern Drilling Company, Driller _____, Driller _____
_____, Driller _____, Driller _____

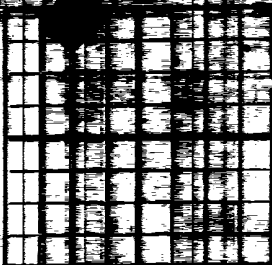
FORMATION RECORD ON OTHER SIDE

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 26th _____
day of October, 19 29 Name _____
_____, Notary Public Position General Superintendent
My commission expires _____ Representing Texas Pacific Coal and Oil Co.
_____, Company or Operator

ILLEGIBLE

From	To	Description
0	38	Surface
38	105	Sand & Red Bed
105	280	Sand & Red Bed
280	280	Red Bed
280	315	Broken Bed and Sand
315	344	Red Bed
344	349	Lime
349	367	Red bed & Sand
367	413	Red bed & Sand
413	421	Hard sand
421	427	Hard sand
427	475	Hard sand & Red Bed
475	501	Hard sand & Red bed
501	540	Red bed
540	601	Sand
601	646	Hard sand & Red Bed
646	656	Sand lime
656	666	Red Bed
666	696	Hard sand & Lime
696	704	Sandy lime
704	724	Sand & Red bed
724	774	Hard sand & Red Bed
774	828	Sand & Red Bed
828	878	Sand & Red Bed
878	907	Sand & Red Bed
907	945	Red Bed
945	975	Sand & Red bed
975	1030	Red Bed
1030	1040	Hard sand
1040	1060	Sand
1060	1092	Hard sand & Red Bed
1092	1100	Red bed & Red rock
1100	1130	Red bed & red rock
1130	1157	Sand & Red bed
1157	1197	Red bed & Sand
1197	1208	Sand & Red bed
1208	1214	Red rock
1214	1244	Red rock & Hard sand
1244	1264	Red rock & Red bed
1264	1295	Red bed & Red Rock
1295	1331	Red rock & Red bed
1331	1363	Red bed & red rock
1363	1394	Red bed & Sand
1394	1424	Red bed & Sand
1424	1454	Anhydrite & Red bed broken
1454	1510	Red bed & Anhydrite
1510	1550	Anhydrite & Salt
1550	1586	Salt & Anhydrite
1586	1713	Anhydrite & salt
1713	1804	Anhydrite & salt
1804	1901	Anhydrite & salt
1901	1930	Red bed & Anhydrite
1930	1951	Anhydrite & salt
1951	2001	Hard anhydrite
2001	2052	Hard anhydrite
2052	2102	Anhydrite & salt
2102	2144	Anhydrite
2144	2154	Red rock
2154	2201	Anhydrite & salt
2201	2261	Anhydrite
2261	2316	Anhydrite & salt
2316	2393	Anhydrite & salt
2393	2423	Anhydrite & salt
2423	2467	Anhydrite
2467	2497	Anhydrite & salt
2497	2565	Anhydrite & salt
2565	2600	Anhydrite & salt
2600	2657	Anhydrite & salt
2657	2695	Anhydrite & salt
2695	2740	Anhydrite & salt
2740	2755	Hard Anhydrite
2755	2780	Hard Anhydrite
2780	2804	Anhydrite & salt
2804	2812	Hard anhydrite
2812	2863	Anhydrite & salt
2863	2895	Anhydrite
2895	2909	Anhydrite & salt
2909	2935	Anhydrite
2935	2956	Anhydrite
2956	2990	Anhydrite & salt
2990	3021	Salt
3021	3042	Salt & anhydrite
3042	3048	Gip rock
3048	3070	Hard anhydrite
3070	3084	Anhydrite
3084	3100	Anhydrite
3100	3130	Anhydrite & salt
3130	3166	Salt & Anhydrite
3166	3171	Salt
3171	3189	Anhydrite
3189	3198	Hard anhydrite
3198	3201	Anhydrite Extra Hard
3201	3243	Hard anhydrite
3243	3248	Anhydrite & salt
3248	3255	Anhydrite
3255	3258	Brown Lime
3258	3290	Brown lime and sand broken
3290	3297	Lime & sand
3297	3314	Brown lime
3314	3330	Lime
3330	3333	Hard brown lime
3333	3340	Hard lime
3340	3348	Hard lime
3348	3356	Hard lime
3356	3364	Hard lime
3364	3368	Hard lime
3368	3387	Blue shale
3387	3394	Blue shale
3394	3398	Grey lime
3398	3404	Blue shale
3404	3407	Hard lime
3407	3411	Lime
3411	3416	Blue shale
3416	3418	Hard lime
3418	3420	Blue lime
3420	3428	Hard lime
3428	3450	Lime, sand & shale
3450	3456	Lime hard
3456	3468	White lime
3468	3470	Lime
3470	3475	Blue shale
3475	3505	Sand
3505	3523	White lime
3523	3539	Cored
3539	3553	Broken sand & lime
3553	3570	Lime & sand
3570	3585	Sandy lime
3585	3590	Lime
3590	3595	Lime
3595	3600	Lime
3600	3605	Lime
3605	3612	White lime
3612	3615	Lime
3615	3620	White lime
3620	3628	White lime
3628	3634	White lime
3634	3637	Brown lime - Running pipe in hole
3637	3643	Lime
3643	3648	Coring lime
3648	3650	Lime
3650	3654	Porous lime showing oil
3654	3660	Lime - showing oil
3660	3667	Blue sand
3667	3670	Sand
3670	3672	Lime
3672	3682	Brown lime
3682	3689	Coring
3689	3690	Coring
3690	3693	Coring
3693	3700	White lime
3700	3705	White lime
3705	3712	White Porous lime

ILLEGIBLE



THIS WELL LOCATION LOCATED WELL CORRECTLY

Company **Thomas Pacific Coal and Oil Company** Address **7752 North Loop West, Dallas, Texas**
Send correspondence to **Mr. J. H. Thompson** Address **7752 North Loop West, Dallas, Texas**
State of **New Mexico** Well No. **2** in **1929** County **Deer**
R. **Box 2** N. M. P. M. ON File Assignment No. **12**
If State land the oil and gas lease to **State** Assignment No. **12**
If patented land the owner is **State**
The lease is **Thomas Pacific Coal and Oil Company** Address **7752 North Loop West, Dallas, Texas**
If not state or patented land, give status **State**
Drilling commenced **June 22, 1929** Drilling was completed **June 12, 1929**
Name of drilling contractor **Southwestern Drilling Company** Address **7752 North Loop West, Dallas, Texas**
Elevation above sea level at top of casing **3616** feet
The information given is to be kept confidential until **19**

OIL SANDS OR ZONES

No. 1, from **3650** to **3654** Porous lime, showing oil No. 4, from **3654** to **3658**
No. 2, from **3654** to **3658** Lime, showing oil No. 5, from **3658** to **3662**
No. 3, from **3662** to **3666** No. 6, from **3666** to **3670**

IMPORTANT WATER SANDS

No. 1, from **Kona** to **3670** No. 3, from **3670** to **3674**
No. 2, from **3674** to **3678** No. 4, from **3678** to **3682**

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF CASE	CUT AND JOINT FROM	PERFORATED	PURPOSE
12 1/2"	50			345				
8-5/8"	34			3256				
6-5/8"	24			2634				

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	No. SACKS OF CEMENT	METHODS USED	AMOUNT OF MUD USED
12 1/2"	345	300	Drill Pipe	Approx. 150 Tons
8-5/8"	3256	700	" "	
6-5/8"	2634	300	" "	

PLUGS AND ADAPTERS

Heaving plug—Material **None** Length **None** Mark Set **None**
Adapters—Material **None** Size **None**

SHOOTING RECORD

SIZE	SHELL USED	EXPLOSIVE USED	QUANTITY	DATE	DEPTH CLEARED OUT
	N	O	N		

TOOLS USED

Rotary tools were used from **0** feet to **3712** feet, and from **3712** feet to **3712** feet
Cable tools were used from **0** feet to **3712** feet, and from **3712** feet to **3712** feet

PRODUCTION

Put to producing **10-12**, 19**29**
The production for the first 24 hours was **325** barrels of fluid of which **300** % was oil; **0** %
condensation; **0** % water; and **0** % sediment. Gravity, **28**
If gas well, cu. ft. per 24 hours **0** Gallons gas per barrel of oil of gas **0**
Rock pressure, lbs. per sq. in. **0**

EMPLOYEES

Southwestern Drilling Company Driller **0** Driller **0**
Driller **0** Driller **0**

FORMATION RECORD ON OTHER

I hereby swear or affirm that the information given herewith is a correct and complete 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 **25th** day of **October**, 19**29** Name **0**
Position **General Superintendent**
Representing **Thomas Pacific Coal and Oil Co.**
My commission expires **0** Company or Operator **0**

INTEGIBLE

FORMATION

From	to	Thickness in Feet	Description
0	39		Surface
39	106		Sand & Red Bed
106	260		Sand & Red Bed
260	280		Red Bed
280	315		Broken Red and Sand
315	344		Red Bed
344	349		Lime
349	367		Red bed & Sand
367	413		Red bed & Sand
413	421		Hard sand
421	427		Hard sand
427	475		Hard sand & Red Bed
475	501		Hard sand & Red bed
501	540		Red bed
540	601		Sand
601	646		Hard sand & Red Bed
646	656		Sand lime
656	666		Red Bed
666	696		Hard sand & Lime
696	704		Sandy lime
704	724		Sand & Red bed
724	774		Hard sand & Red Bed
774	828		Sand & Red Bed
828	878		Sand & Red Bed
878	907		Sand & Red Bed
907	945		Red Bed
945	975		Sand & Red bed
975	1030		Red Bed
1030	1040		Hard sand
1040	1060		Sand
1060	1092		Hard sand & Red Bed
1092	1100		Red bed & Red rock
1100	1130		Red bed & red rock
1130	1157		Sand & Red bed
1157	1197		Red bed & Sand
1197	1208		Sand & Red bed
1208	1214		Red rock
1214	1244		Red rock & Hard sand
1244	1264		Red rock & Red bed
1264	1295		Red bed & Red Rock
1295	1331		Red rock & Red bed
1331	1363		Red bed & red rock
1363	1394		Red bed & Sand
1394	1424		Red bed & Sand
1424	1460		Red bed & Sand
1460	1510		Anhydrite & Red bed broken
1510	1550		Red bed & Anhydrite
1550	1586		Anhydrite & Salt
1586	1656		Salt & Anhydrite
1656	1716		Anhydrite & salt
1716	1804		Anhydrite & salt
1804	1901		Anhydrite & salt
1901	1930		Red bed & Anhydrite
1930	1951		Anhydrite & salt
1951	2001		Hard anhydrite
2001	2052		Hard anhydrite
2052	2102		Anhydrite & salt
2102	2144		Anhydrite
2144	2154		Red rock
2154	2201		Anhydrite & salt
2201	2261		Anhydrite
2261	2316		Anhydrite & salt
2316	2393		Anhydrite & salt
2393	2428		Anhydrite & salt
2428	2467		Anhydrite
2467	2497		Anhydrite & salt
2497	2565		Anhydrite & salt
2565	2600		Anhydrite & salt
2600	2657		Anhydrite & salt
2657	2695		Anhydrite & salt
2695	2740		Anhydrite & salt
2740	2755		Hard Anhydrite
2755	2780		Hard Anhydrite
2780	2804		Anhydrite & salt
2804	2812		Hard anhydrite
2812	2863		Anhydrite & salt
2863	2895		Anhydrite
2895	2909		Anhydrite & salt
2909	2935		Anhydrite
2935	2956		Anhydrite
2956	2990		Anhydrite & salt
2990	3021		Salt
3021	3042		Salt & anhydrite
3042	3048		Gip rock
3048	3070		Hard anhydrite
3070	3084		Anhydrite
3084	3100		Anhydrite
3100	3130		Anhydrite & salt
3130	3166		Salt & Anhydrite
3166	3171		Salt
3171	3189		Anhydrite
3189	3198		Hard anhydrite
3198	3201		Anhydrite Extra Hard
3201	3243		Hard anhydrite
3243	3248		Anhydrite & salt
3248	3255		Anhydrite
3255	3258		Brown Lime
3258	3280		Brown lime and sand broken
3280	3297		Lime & sand
3297	3314		Brown lime
3314	3330		Lime
3330	3333		Hard brown lime
3333	3340		Hard lime
3340	3348		Hard lime
3348	3356		Hard lime
3356	3364		Hard lime
3364	3368		Hard lime
3368	3387		Blue shale
3387	3394		Blue shale
3394	3398		Grey lime
3398	3404		Blue shale
3404	3407		Hard lime
3407	3411		Lime
3411	3416		Blue shale
3416	3418		Hard lime
3418	3420		Blue lime
3420	3428		Hard lime
3428	3450		Lime, sand & shale
3450	3456		Lime hard
3456	3468		White lime
3468	3470		Lime
3470	3475		Blue shale
3475	3505		Sand
3505	3523		White lime
3523	3539		Cored
3539	3553		Broken sand & lime
3553	3570		Lime & sand
3570	3585		Sandy lime
3585	3590		Lime
3590	3595		Lime
3595	3600		Lime
3600	3605		Lime
3605	3612		White lime
3612	3615		Lime
3615	3620		White lime
3620	3628		White lime
3628	3634		White lime
3634	3637		Brown lime - Running pipe in hole
3637	3643		Lime
3643	3648		Coring lime
3648	3650		Lime
3650	3654		Porous lime showing oil
3654	3660		Lime - showing oil
3660	3667		Blue sand
3667	3670		Sand
3670	3672		Lime
3672	3682		Brown lime
3682	3689		Coring
3689	3690		Coring
3690	3693		Coring
3693	3700		White lime
3700	3705		White lime
3705	3712		White Porous lime

ILLEGIBLE