

N.

NEW MEXICO STATE LAND OFFICE  
SANTA FE, NEW MEXICO

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## 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 following it with (?). Submit in duplicate.**

Company Texas Pacific Coal and Oil Company Address 1720 Fort Worth Nat'l. Bank Bldg.,  
Fort Worth, Texas

Send correspondence to H. J. Fleckenstein Address 1710 Fort Worth Nat'l Bank Bldg.,  
Fort Worth, Texas

State of New Mexico Well No. 1 in 18 of Sec. 21, T. 23-S

R. 306, N. M. P. M., 102 Oil Field 102 County.

If State land the oil and gas lease is No. 1000 Assignment No. \_\_\_\_\_

If patented land the owner is \_\_\_\_\_, Address \_\_\_\_\_

The lessee is Texas Pacific Coal and Oil Company, Address 1810 Port Worth Bldg., Bank Bldg.  
Port Worth, Texas

If not state or patented land, give status \_\_\_\_\_

Drilling commenced February 8, 1928. Drilling was completed June 5, 1928.

Name of drilling contractor Southwestern Drilling Co., Address Wink, Texas

Elevation above sea level at top of casing 3613<sup>1</sup> feet.

The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from 3110 to 3110 000 No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2 from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from 3013 to 3005 No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from 3073 to 3093 No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

[illegible]

## MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	No. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
1 1/2"	254' 0"	215	Drill Pipe		
2 1/2"	252' 0"	215	" "		
Used 200 sacks cement in plugging back to 252' to start off water approximate amount of mud used 200 times 0.114 gal per gallon.					

## PLUGS AND ADAPTERS

Heaving plug—Material                      Length                      Depth Set

Adapters—Material None Size                     

## SHOOTING RECORD

# FORMATION RECORD

From	to	Thickness in Feet	Formation
0	70		Calechi-sand
70	185		Sand and Cypsum
185	255		Water sand
255	277		Hard sand
277	280		Red Bed and Sand
280	298		Red Bed and hard sand
298	321		Hard sand
321	336		Red Bed and Sand
336	408		Hard sand
408	498		Red Bed
498	502		Hard sand
502	525		Red Bed
525	531		Sandy Lime
531	543		Sand and Red Bed.
543	553		Sandy Lime
553	670		Hard Sand
670	738		Red Bed and Shell
738	840		Hard sand
840	869		Soft Sand
869	932		Red Rock and Hard Sand
932	983		Red Bed and Sand
983	1041		Red Rock and Sand Shells
1041	1096		Red Rock and Hard Sand
1096	1136		Hard Sand Rock
1136	1180		Red Bed and Sand
1180	1210		Red Bed and Sand
1210	1220		Anhydrite Hard
1220	1230		Anhydrite
1230	1260		Salt
1260	1271		Anhydrite
1271	1313		Anhydrite and Red Bed
1313	1330		Anhydrite
1330	1353		Salt
1353	1418		Anhydrite and Red Bed
1418	1454		Salt and Anhydrite
1454	1668		Hard Anhydrite
1668	1735		Salt
1735	1782		Anhydrite and Salt
1782	1844		Salt and Anhydrite Shells
1844	2105		Salt
2105	2210		Anhydrite
2210	2371		Salt
2371	2485		Anhydrite and salt
2485	2500		Salt
2500	2525		Anhydrite
2525	2596		Anhydrite and Salt
2596	2662		Salt and Shale
2662	2712		Anhydrite and Potash
2712	2732		Anhydrite Hard
2732	2760		Broken Anhydrite, Shale, Potash
2760	2844		Anhydrite and Potash
2844	2895		Anhydrite and Salt
2895	2909		Anhydrite and Salt very hard.
2909	2908		Anhydrite and Salt very hard.
2908	2923		Salt, Cored
2923	2945		Anhydrite, cored
2945	2951		Lime, spread
2951	2982		Lime
2982	2985		Brown lime and Anhydrite
2985	2985		Lime and Anhydrite