



NEW MEXICO STATE LAND OFFICE  
SANTA FE, NEW MEXICO

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  
following it with (?). Submit in duplicate.

Company Tide Water Oil Company Address Tulsa, Okla  
Send correspondence to F. Schneider Address Hobbs, New Mexico  
State 4-1350 Well No. 4 in \_\_\_\_\_ of Sec. 8, T. 21  
36 R. \_\_\_\_\_, N. M. P. M., Dunioe Oil Field Lea County.  
If State land the oil and gas lease is No. 4-1350 Assignment No. \_\_\_\_\_  
If patented land the owner is \_\_\_\_\_, Address \_\_\_\_\_  
The lessee is Tide Water Oil Company, Address Tulsa, Okla  
If not state or patented land, give status \_\_\_\_\_  
Drilling commenced 3/4/35 19\_\_\_\_ Drilling was completed 4/16/35 19\_\_\_\_  
Name of Drilling contractor Carl J. Kinn, Address \_\_\_\_\_  
Elevation above sea level at top of casing 3573 feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_.

OIL SANDS OR ZONES

No. 1, from 3356 to 3357 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from 235 to 250 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 832 to 855 No. 4, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	Purpose
<u>12 1/2</u>	<u>50</u>	<u>8</u>	<u>URS</u>	<u>441-1"</u>	<u>TO</u>			<u>Conductor</u>
<u>9-5/8</u>	<u>36</u>	<u>8</u>	<u>98</u>	<u>2882'5"</u>	<u>Wellhead to 2882'</u>			<u>Split Shut off</u>
<u>7"OD</u>	<u>24</u>	<u>10</u>	<u>88</u>	<u>3779'5"</u>	<u>"</u>	<u>"</u>		<u>Oil string</u>
<u>2"UP</u>	<u>4.7</u>	<u>10</u>	<u>95</u>	<u>3843'</u>	<u>Six feet of bottom ft.</u>	<u>perforated 1/4 slots</u>		

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>12 1/2</u>	<u>62'</u>	<u>65</u>	<u>Wellhead to 60'</u>	<u>11</u>	<u>one barrel</u>
<u>9-5/8</u>	<u>2830'</u>	<u>625</u>	<u>"</u>	<u>"</u>	<u>" "</u>
<u>7"OD</u>	<u>3765'</u>	<u>410</u>	<u>"</u>	<u>"</u>	<u>" "</u>

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth Set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

SIZE	SHELL USED	EXPLOSIVE USED	QUANTITY	DATED	DEPTH SHOT	DEPTH CLEANED OUT

TOOLS USED

Rotary tools were used from 0 feet to 3837' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

PRODUCTION

Put to producing 4/25/35 19\_\_\_\_  
The production of the first 24 hours was 19 barrels of fluid of which 12.7 % was oil; .3 %  
emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be 32  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYES

H. Feed Driller \_\_\_\_\_ Driller  
Bob Pote Driller \_\_\_\_\_ Driller

FORMATION RECORDED 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 \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_  
Name F. Schneider  
Position Production Superintendent  
Notary Public. \_\_\_\_\_  
Representing Tide Water Oil Company  
Company or Operator.

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	22	22	Caliche
22	63	41	Sand & Caliche
63	93	30	Sand
93	250	157	Water Sand
250	305	55	Water Sand
305	404	99	Red Rock
404	648	244	Sand Rock & Red Bed
648	760	112	Red Rock
760	832	72	Water Sand
832	855	23	Water Sand
855	910	55	Sand (Hard)
910	1090	180	Red Rock & Sand
1090	1139	49	Red Rock & Shale
1139	1222	83	Red Rock
1222	1310	88	Anhydrite
1310	1360	50	Salt & anhydrite
1360	1375	15	Anhydrite
1375	1427	52	Salt & anhydrite
1427	1545	118	Anhydrite & Red Rock
1545	1577	32	Anhydrite & Red Rock
1577	1738	161	Anhydrite & Salt
1738	1840	102	Anhydrite & Salt & Potash
1840	2642	702	Anhydrite & Salt
2642	2687	45	Anhydrite & Gyp
2687	2833	146	Anhydrite
2833	2842	9	Brown Lime
2842	2860	18	Lime
2860	3006	146	Brown & Grey Lime
3006	3080	74	Lime & Anhydrite
3080	3130	50	Lime
3130	3175	45	Grey Lime
3175	3225	50	Sandy Lime
3225	3262	37	Lime
3262	3295	33	Grey & Brown Lime
3295	3319	24	Lime
3319	3341	22	Lime & Anhydrite
3341	3368	27	Brown Lime
3368	3400	32	Lime
3400	3423	23	Brown Lime
3423	3443	20	Grey Sandy Lime
3443	3473	30	Lime
3473	3502	29	Sandy Lime
3502	3550	48	Grey & Brown Lime
3550	3581	31	Lime
3581	3617	36	Sand & Lime
3617	3642	25	Lime
3642	3663	21	Sand & Lime
3663	3688	25	Broken Sandy Lime
3688	3715	27	Grey & Brown Lime
3715	3770	55	Lime (Gas Show)
3770	3775	5	Lime (Oil Show)
3775	3790	15	Sandy Lime
3790	3805	15	Brown Sandy Lime
3805	3815	10	Grey Lime
3815	3825	10	Hard Grey Lime
3825	3855	30	Sandt Lime (Good Show Oil)
3855	3860	5	Lime Hard & Grey
3860	3867	7	Lime - - - - - T.D.

On the 4/20/35 this well was treated with 2000-gallons of Dowell X Chemical and raised the production to 500-bbls. oil w/1,000,000 cu. ft. gas. On may 25, 1935 it was treated with 3000-gallons of Dowell X chemical, and it made 1800-bbls. oil with 6,000,000 cu. ft. gas