

FORMATION RECORD  
NEW MEXICO OIL CONSERVATION COMMISSION


AREA 640 ACRES  
LOCATE WELL CORRECTLY

DUPLICATE

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (T). SUBMIT IN TRIPPLICATE.

**Tide Water Oil Company** **Tulsa, Okla**  
Company or Operator Address

**State E** Well No. **1** **16** of **SEC** of Sec. **16**, T. **21**  
Lease

R. **36**, N. M. P. M., **Union** **Lea** County.

Well is **3300** feet south of the North line and **660** feet west of the East line of **Sec 16-218-36**

If State land the oil and gas lease is No. **B-2330** Assignment No. **5424**

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

If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_

The Lessee is **Tide Water Oil Company**, Address **Box 731, Tulsa, Okla**

Drilling commenced **February 29th** 19 **36** Drilling was completed **April 5th** 19 **36**

Name of drilling contractor **H.W. Bass Drilling Co.**, Address **Dallas, Texas**

Elevation above sea level at top of casing **3600** feet.

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

OIL SANDS OR ZONES

No. 1, from <b>3800</b> to <b>3805</b>	No. 4, from _____ to _____
No. 2, from <b>3820</b> to <b>3825</b>	No. 5, from _____ to _____
No. 3, from <b>3840</b> to <b>3886</b>	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from <b>240</b> to <b>255</b> feet.
No. 2, from _____ to _____ feet.
No. 3, from _____ to _____ feet.
No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	END OF SHOT	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
10-3/4"OD	40	8	LW	291	TP			Water Shut Up
7-5/8"OD	26.40	8	98	1570	Leaking float			Salt string
5-1/2"OD	17	10	98	3890				Oil string
2-3/8"OD	4.7	10	98	3882	tubing	6' of bottom joint Perf.		W/slots

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15	10-3/4	291	275	Halliburton	11#	Hole fill
9-7/8	7-5/8	1571	475	"	11#	" "
6-3/4	5-1/2	3797	325	"	11#	" "

PLUGS AND ADAPTERS

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

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

RECORD OF SHOOTING OR CHEMICAL TREATMENT

DATE	QUANTITY	DEPTH SHOT	DEPTH CHANGED

FORMATION RECORD

501-0 1000-01

FROM	TO	THICKNESS IN FEET	FORMATION
0	20	20	Caliche
20	230	230	Sand & Shells
230	270	20	Sand & Red Rock
270	295	25	Shale & Shells
295	430	135	Red Rock
430	500	70	Blue Shale
500	590	90	Sand & Shale
590	723	133	Red Rock
723	936	213	Red Rock & Shells
936	970	34	Red Rock
970	1053	83	Lime Shells
1053	1090	37	Shale & Shells
1090	1159	69	Red Rock & Shale
1159	1225	66	Red Rock
1225	1373	148	Red Rock & Shells
1373	1388	15	Anhydrite & Shells
1388	1415	27	Anhydrite
1415	1575	160	Anhydrite
1575	1624	49	Broken Anhydrite
1624	1726	102	Red Rock & Anhydrite
1726	1765	39	Anhydrite
1765	1770	5	Salt
1770	2185	415	Salt & Anhydrite
2185	2312	127	Salt
2312	2330	18	Anhydrite
2330	2374	44	Salt & Anhydrite
2374	2400	26	Salt
2400	2636	236	Salt & Anhydrite
2636	2696	60	Broken Anhydrite
2696	2720	24	Salt & Anhydrite
2720	2879	159	Anhydrite
2879	2985	106	Sandy Lime
2985	3085	100	Brown Lime
3085	3100	15	Lime & Anhydrite
3100	3125	25	Broken Lime
3125	3161	36	Broken Sandy Lime
3161	3205	44	Brown Lime (Show Gas)
3205	3240	35	Brown Lime
3240	3245	5	Broken Lime
3245	3375	130	Brown Lime
3375	3394	19	Hard Lime
3394	3415	21	Brown Lime
3415	3428	13	Brown Lime Hard
3428	3514	86	Brown Lime
3514	3520	6	Hard Lime
3520	3525	5	Sandy Lime
3525	3552	27	Hard Lime
3552	3570	18	Brown Lime
3570	3579	9	Broken Lime
3579	3660	81	Lime & Sand
3660	3705	45	Brown Lime
3705	3735	30	Grey & White Lime
3735	3790	55	Sand & Lime
3790	3804	14	Grey & Brown Lime
3804	3820	16	Grey & Brown Lime
3820	3825	5	Brown Lime
3825	3831	6	Grey & Brown Lime
3831	3840	9	Grey & Brown Lime
3840	3886	46	Brown Lime