

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

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 (?). SUBMIT IN TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

**Tide Water Associated Oil Co.** Box 547 Hobbs, New Mexico  
Company or Operator Address  
**H. L. Batten** Well No. **1** in **NW/4 of NE/4** Sec. **5** T. **17-S**  
Lease **Pennsylvanian**  
R. **37-E**, N. M. P. M., **East Lovington** Field, **Lea** County.  
Well is **660** feet south of the North line and **1980** feet west of the East line of **Section 5, 17S, 37E**  
If State land the oil and gas lease is No. \_\_\_\_\_ Assignment No. \_\_\_\_\_  
If patented land the owner is **H. L. Batten** Address \_\_\_\_\_  
If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_  
The Lessee is **Tide Water Associated Oil Company** Address **Box 1404, Houston, Texas**  
Drilling commenced **11-2** 19 **52** Drilling was completed **2-25** 19 **52**  
Name of drilling contractor **Parker Drilling Co.** Address **Tulsa, Oklahoma**  
Elevation above sea level at top of **hole** **3895'** feet.  
The information given is to be kept confidential until **Not Confidential** 19 \_\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from **6220** to **6290** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from **10,962** to **11,124 (T.D.)** No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ 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 **none** to \_\_\_\_\_ 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	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<b>13-3/8"</b>	<b>36#</b>	<b>Arco</b>	<b>SpiralWeld</b>	<b>320'</b>	<b>For. Parlern</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>Surface String</b>
<b>8-5/8"</b>	<b>32#</b>	<b>8-R</b>	<b>Nat'l</b>	<b>5115'</b>	<b>Baker</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>Salt "</b>
<b>5-1/2"</b>	<b>17#</b>	<b>8-R</b>	<b>J &amp; L</b>	<b>6320'</b>	<b>Larkin</b>	<b>-</b>	<b>11,028</b>	<b>11,054</b>	<b>Production "</b>

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>17"</b>	<b>13-3/8"</b>	<b>335</b>	<b>350</b>	<b>Halliburton</b>	<b>Natural</b>	<b>-</b>
<b>11"</b>	<b>8-5/8"</b>	<b>4974</b>	<b>3000</b>	<b>"</b>	<b>11.3</b>	
<b>7-7/8"</b>	<b>5 1/2"</b>	<b>11,123</b>	<b>350</b>	<b>"</b>	<b>10.6</b>	
<b>(5 1/2" Liner hung in 8-5/8" Csg. @ 4842')</b>						

## PLUGS AND ADAPTERS

Heaving plug—Material **None** Length \_\_\_\_\_ Depth Set \_\_\_\_\_  
Adapters — Material \_\_\_\_\_ Size \_\_\_\_\_

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
<b>None</b>						

Results of shooting or chemical treatment \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

## TOOLS USED

Rotary tools were used from **0** feet to **11,124** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing **3-3** 19 **52**  
The production of the first 24 hours was **668** barrels of fluid of which **100** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, Be. **41.5°** Corr. to **60° F**  
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. R. Matthews** Driller **J.N. Grisham** Driller  
**E. H. Davis** 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 **21st** **Box 547, Hobbs, New Mexico** **3-21-52**  
day of **March**, 19**52** Name **H. P. Shaekelford**  
**R. A. Shaekelford** Position **Notary Public**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	70	70	Caliche, Sand
70	320	250	Sand, Red Bed
320	1870	1550	Red Bed
1870	2025	155	Red Bed, Anhydrite
2025	2070	45	Anhydrite
2070	2725	655	Anhydrite, Salt
2725	2990	265	Salt, Shale
2990	3175	185	Anhydrite, Gyp
3175	3335	160	Anhydrite, Lime
3335	4283	948	Lime, Anhydrite, Gyp
4283	4575	292	Anhydrite
4575	4760	185	Anhydrite, Lime, Gyp
4760	5750	990	Lime
5750	5868	118	Lime, Sand
5750	9552	3802	Lime
9552	9595	43	Lime, Shale, Chert
9595	10,523	928	Lime
10,523	10,573	50	Lime, Chert
10,573	11,124	551	Lime, Shale
	11,124	T. D.	

## DEVIATION SURVEYS

270'	1/2°	6018'	1	9500'	2
600'	1/2°	6180'	2	9540'	1-1/2
1000'	1/4°	6335'	1-3/4	9589'	2
1504'	1/4	6490'	1-3/4	9625'	2
1890'	1°	6617'	2-1/2	9670'	1
2070'	3/4°	6695'	2-1/4	9765'	1-3/4
2510'	1/2	6795'	2-1/4	9810'	1-3/4
3100'	1/2	6890'	1-3/4	9866'	1-3/4
3210'	3/4	6990	2	9908'	1-3/4
3320'	3/4	7139'	1-1/2	9950'	2-1/4
3695'	3/4	7340'	2	10,005'	2-3/4
3850'	1/2	7460'	2	10,040'	2-1/2
4040'	1/2	7530'	2	10,095'	1-1/2
4130'	1 1/2	7598'	2-1/2	10,147'	2-1/4
4325'	1 1/2	7665'	2	10,267'	1-1/2
4395'	3/4	7720'	2	10,295'	2-1/4
4575'	1	7780'	1-3/4	10,320	2-1/4
4660'	3/4	7840'	2	10,440'	2
4830'	1 1/2	8297'	3/4	10,518'	1-1/2
5060'	1	8410'	3/4	10,550'	2
5176'	1	8595'	3/4	10,613'	1-1/2
5295'	1/2	8724'	1-3/4	10,743'	1-1/4
5400'	1/2	8850'	1-1/4	10,766'	3/4
5540'	1 1/2	8945'	2-1/4	10,850'	1
5680'	1 1/2	9085'	1-2/3	10,885'	1/2
5815'	1	9415'	1-3/4	10,930'	1/2
				11,100'	1/2

## DRILL STEM TESTS

DST #1	4725 - 4925'	- tool plugged
DST #2	4722 - 4925'	- tool did not open
DST #3	4710 - 4925'	- packer failed
DST #4	6220 - 6290'	tool open 2 hrs; good blow; gas to surface in 50 min; recovered 840' oil & 90' mud, (Oil 37° gravity); F.P. 120-245#, 15 min. SIP 515#.
DST #5	6290 - 6345'	tool open 1 hr.; weak blow; recovered 75' slightly oil cut mud; F.P. 0#, 15 min. SIP 25#
DST #6	10,997 - 11,124'	tool open 50 min; water blanket to surface in 29 min, oil & gas to surface in 38 min; F.P. 2050 - 3625#, 30 min SIP 5125#