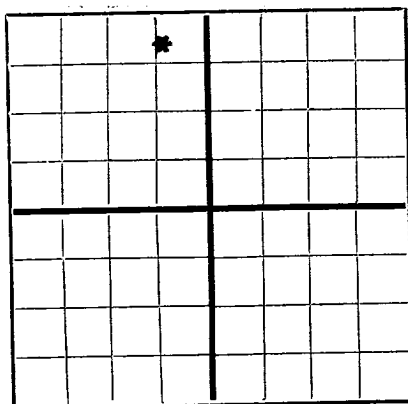


N



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 Company,** Drawer KK, Hobbs, New Mexico.  
Company or Operator Address  
State "S" Well No. 2 in NW/4- NW/4 of Sec. 15, T. 21-S  
Lease R. 37-E, N. M. P. M. Drinkard Field, Lea County.  
Well is 660 feet south of the North line and 3300 feet west of the East line of Section 15  
If State land the oil and gas lease is No. B-9188 Assignment No.  
If patented land the owner is Address  
If Government land the permittee is Address  
The Lessee is Tide Water Associated Oil Company Address Drawer KK, Hobbs, New Mex.  
Drilling commenced September 6, 1948 Drilling was completed November 1, 1948  
Name of drilling contractor Davidson Drilling Company Address Ft. Worth, Texas.  
Elevation above sea level at top of casing 3447 feet. 3456' D. F.  
The information given is to be kept confidential until Not Confidential 19

## OIL SANDS OR ZONES

No. 1, from 6550 to 6662 No. 4, from to  
No. 2, from to 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 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	
13-3/8	36	Weld	Armco	280'	Tex. Patt.				
8-5/8	32	8-R	S.S.	2392'	Larkin				
8-5/8	28	8-V	S.S.	118'	Larkin				
8-5/8	36	8-V	S.S.	31'	Larkin				
8-5/8	36	8-R	S.S.	73	Larkin				
5-1/2	15.5	8-R	S.S.	6680	Larkin		6565'	6615	Prod.

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2	13-3/8	294	300	Pump and Plug		
11	8-5/8	2603	1200	Pump and Plug		
7-3/8	5-1/2	6630	500	Pump and Plug		

## PLUGS AND ADAPTERS

Heaving plug—Material 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
		15% Acid	500 Gal.	11-8-48	6630 - 65	
		15% Acid	1000 Gal.	11-13-48	6565 - 6615	
		15% Acid.	2000 Gal.	11-16-48	6565 - 6616	

Results of shooting or chemical treatment Increased production from 89 to 158 bbls per day.

## 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 6662 feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

## PRODUCTION

Put to producing 11-8-48, 19  
The production of the first 24 hours was 166.05 barrels of fluid of which 95.5% was oil; %  
emulsion; 4.5% water; and % sediment. Gravity, Be. 40  
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. C. Applewhite, Driller Albert Sellers, Driller  
Lent Bryant, 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 30th

day of Dec., 1948

Notary Public

My Commission expires 10/24/49

Place

Name J. M. Tharp, Jr.

Position Field Engineer.

Representing Tide Water Associated Oil Co.  
Address Drawer KK, Hobbs, New Mexico.

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	85	85	Caliche
85	338	253	Red bed
338	917	579	Red bed and Shale
917	1275	358	Red bed and Shells.
1275	1360	85	Anhydrite
1360	2442	1082	Salt and Anhydrite
2442	2770	328	Anhydrite
2770	4662	3892	Lime.

DEVIATION TESTS BY TOTCO

Depth	Degrees Off
550	1/2
800	1/4
1050	1/4
1550	1/4
2027	1/4
2250	1/2
2775	1
3000	3/4
3590	1/4
4140	3/4
4300	3/4
4582	2
4800	1-3/4
5109	1-3/4
5580	1-1/2
5852	2
6009	1-1/2
6222	1-7/8
6467	1-1/4

DRILL STEM TESTS

#1 3970' to 4025', gas in 1 minutes, slight blow through out test, Rec. 210' sulphur water.

#2. 6516' to 6643', Gas in 1 hr. Rec. 1600' oil and Gas Cut Drilling Fluid.

FORMATION TOPS

Yates	2687'
San Andres	3965'
Florietta	5172'
Tubbs	6152'