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## 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 TRIPLICATE.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Tide Water Associated Oil Company.

Anna Walden

Company or Operator

Well No. 2

in NE 1/4

of Sec. 21

T. 22

R. 37, N. M. P. M., Penrose Area Field, Lea County.

Well is 1980 feet south of the North line and 1980 feet west of the East line of Sec 21-22-37

If State land the oil and gas lease is No. Assignment No. 3145

If patented land the owner is Anna C Walden Address 703-Santa Anna Street

If Government land the permittee is Address San Antonio, Texas

The Lessee is Tide Water Associated Oil Company Address Box 731-Tulsa, Okla.

Drilling commenced 1/18/37 19 Drilling was completed 3/26/37 19

Name of drilling contractor Donnelly &amp; Sinderf Address 1256-Midland, Texas

Elevation above sea level at top of casing 3345 feet

The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from 3528 to 3546	No. 4, from 3584 to 3591
No. 2, from 3555 to 3565	No. 5, from to
No. 3, from 3573 to 3574	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 30 to 109	feet.
No. 2, from 172 to 216	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 FROM TO	PURPOSE
13"OD	40	8	LN	219'-8"	TP			Surface
8-5/8"OD	32	8	E. Weld	1226'-11"	TP			Salt String
6-5/8"OD	24	10	SS	3400'-10"	Larkin			Oil String
2-3/8"OD	4.7	10	SS	Tubing set at 3530' W/last 6' perforated 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
17"	13"OD	228'	250	Halliburton		
10"	8-5/8"OD	1235'	100	"		
8"	6-5/8"OD	3377'	100	"		

## PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set  
Adapters—Material Size

RECORD OF SHOOTING ~~XXXXXXXXXXXXXXXXXXXX~~

SIZE	SHELL USED	EXPLOSIVE <del>OR</del> <del>XXXXXXXXXX</del>	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
5"		Nitro-Glycerin	300-Qts	3/28/37	3518'-3610'	3606'

Results of shooting ~~XXXXXXXXXXXX~~ Before shooting well made 56-bbls oil in 24-hours  
after shooting W/300-Qts. well tested 194-bbls pipe line oil in 24-hours  
with estimated 500,000 cu ft gas.

## 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 feet to feet, and from feet to feet  
Cable toops were used from 0 feet to 3610' feet, and from feet to feet

## PRODUCTION

Put to producing 4/16/37 19  
The production of the first 24 hours was 194 barrels of fluid of which 99.9 % was oil; .1 %  
emulsion; % water; and % sediment. Gravity, Be 38.1  
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas.  
Rock pressure, lbs. per sq. in.

## EMPLOYEES

W.P. Reed	Driller	L.A. Dunham	Driller
G.D. Short	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 Hobbs, New Mexico 4/12/37  
day of 19 37  
Name F. Schuender  
Position Pred. Sup't.  
Representing Tide Water Associated Oil Co.  
Notary Public  
My Commission expires October 24, 1939  
Company or Operator.  
Address Drawer KK Hobbs, New Mexico.

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	30	30	Caliche
30	109	79	Sand
109	135	26	Shale
135	170	35	Red Bed
170	172	2	Shale
172	216	34	Shale & Sand
216	229	13	Red & Blue Shale
229	255	26	Blue Shale
255	375	120	Red Bed
375	463	88	Red Bed & Red Rock
463	504	41	Red Bed
504	528	24	Shale & Red Bed
528	560	32	Red Bed
560	595	35	Shale
595	650	55	Red Rock
650	683	33	Shale
683	687	4	Shale
687	715	28	Sand & Shale
715	750	35	Red Rock
750	780	30	Sandy Lime
780	790	10	Sandy Lime
790	820	30	Red Bed
820	830	10	Sand
830	840	10	Shale
840	910	70	Sand
910	935	25	Red Bed
935	1107	172	Red Rock
1107	1223	116	Anhydrite
1223	1228	5	Sand (Water)
1228	1232	4	Red Rock
1232	1260	28	Anhydrite
1260	1305	45	Anhydrite
1305	1495	190	Salt & Red Rock
1495	1565	70	Salt & Anhydrite
1565	1605	40	Salt
1605	1640	35	Salt & Red Rock
1640	1650	10	Anhydrite
1650	1695	45	Red Rock
1695	1795	100	Red Rock & Salt
1795	1920	125	Salt & Anhydrite
1920	1985	65	Salt
1985	2075	90	Salt & Anhydrite
2075	2115	40	Salt
2115	2380	265	Salt & Anhydrite
2380	2425	45	Salt
2425	2565	140	Anhydrite
2565	2580	15	Lime
2580	2725	145	Anhydrite
2725	3110	385	Lime
3110	3180	70	Anhydrite
3180	3270	90	Lime
3270	3290	20	Anhydrite
3290	3305	15	Lime
3305	3345	40	Brown Lime
3345	3450	105	Lime
3450	3528	78	Hard Grey Lime (Estimated 100,000 gas at 3490
3528	3546	18	Brown Sandy Lime (Show Oil)
3546	3550	4	Brown Lime
3550	3565	15	Brown Sandy Lime (Show Oil)
3565	3573	8	Grey Lime
3573	3574	1	Brown Sand (Show Oil)
3574	3584	10	Hard Grey Lime
3584	3591	7	Brown Sandy Lime (Increase in oil)
3591	3610	19	Hard Grey Lime