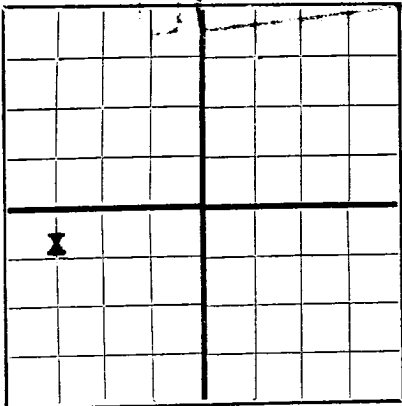


FORM C-105



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, N. Mex.* **Dora E. Mayers**
Company or Operator Address
Well No. **1** in **NW 1/4 of SW 1/4** of Sec. **33**, T. **16-S**
Lease **37-E**, N. M. P. M. **Unamed** Field, **Lee** County.
Well is **660** feet south of the North line and **1900** feet west of the East line. **Section 33**
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is **Dora E. Mayers** Address **Lamesa, Texas**
If Government land the permittee is Address
The Lessee is **Tide Water Associated Oil Company** Address **Box 731, Tulsa 2, Okla.**
Drilling commenced **9-13** 19 **51** Drilling was completed **12-6** 19 **51**
Name of drilling contractor **Parker Drilling Company** Address **Tulsa, Oklahoma**
Elevation above sea level at top of casing **3798** feet. **D.F.**
The information given is to be kept confidential until **Not Confidential** 19

OIL SANDS OR ZONES

No. 1, from **8335'** to **8340'** 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 **None Logged** 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#	Spiral-Weld Armo	280'	Ten-Pat.					
8 5/8	32#	8-R	-	4974	Larkin				
5 1/2	17#	8-R	-	3758	Brown				

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 1/4	13 3/8	335	300	Halliburton	Spud Mud	
11"	8 5/8	8498	3000	Halliburton	Natural Mud	
7 7/8	5 1/2	8499	250	Halliburton	9.2#/gal.	

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
		Mud Acid	500 gals.	12-19-51	8335' - 70'	
		15% HCL w/H-18	1250 "	12-21-51	8335' - 70'	
		15% HCL w/H-18	500 "	12-28-51	8335' - 60'	

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 **11,254** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **2-1** 19 **52**
The production of the first 24 hours was **58.95** barrels of fluid of which **100** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, Be. **40.5°**
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. L. Mahon Driller **Dick L. Hale** Driller
E. H. Davis Driller **S. B. White** 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** **2-8-22**
day of **19** Name **H.P. Shackelford** **H.P. Shackelford**
Notary Public

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1958	1958	Red beds & shale
1958	2160	202	Red beds, gyp & anhydrite
2160	3312	1152	Red beds, anhydrite, salt
3312	4004	692	Anhydrite, Gyp, Red beds
4004	4637	633	Anhydrite & Gyp
4637	4834	197	Lime, Anhydrite & Gyp
4834	4871	27	Lime
4871	4901	30	Lime, Anhydrite & Gyp
4901	9299	4398	Lime
9299	9590	291	Lime & Shale
9590	9769	179	Lime
9769	9981	302	Lime, Dolomite & Chert
9981	10,195	291	Lime, Chert, Shale
10,195	10,625	430	Lime, Shale
10,625	10,686	61	Lime, Chert
10,686	10,900	214	Lime, Shale, Chert
10,900	11,254	354	Lime & Shale
	11,254	T.D.	

DEVIATION SURVEYS

625' - 1/4°	4784' - 1/2°	9138' - 1 1/2°	10,863' - 1/2°
950' - 3/4°	4835' - 3/4°	9295' - 1 1/2°	10,925' - 1°
1250' - 3/4°	4944' - 1°	9380' - 1 1/2°	10,970' - 1 1/2°
1562' - 3/4°	5054' - 3/4°	9435' - 2 1/2°	11,005' - 1 1/2°
1840' - 1/2	5300' - 1/4	9500' - 1 3/4°	
2310' - 1/2	5650' - 1/2	9555' - 1 3/4	
2592' - 1/4	6170' - 3/4	9627' - 1 1/4	
2902' - 1/2	6330' - 1 1/4	9798' - 1 1/2	
3075' - 1 1/4	6877' - 1	9891' - 1 1/4	
3470' - 3/4	6985' - 1	9978' - 1	
3660' - 1 1/4	7130' - 1	10015' - 1 1/4	
3790' - 1	7279' - 3/4	10086' - 3/4	
3920' - 1	7420' - 1	10,250' - 1/2	
4155' - 1/2	7530' - 1	10,428' - 3/4	
4260' - 3/4	7663' - 3/4	10,595' - 1/2	
4345' - 1	7724' - 1/2	10,690' - 1	
4472' - 1	7800' - 1/2	10,715' - 1	
4550' - 1	8170' - 1/2	10,757' - 1	
4630' - 1	8630' - 3/4	10,800' - 3/4	
4725' - 1	8917' - 1/2		

DRILL STEM TESTS

DST #1	7780' - 7820', Tool open 3 hrs, Recovered 40' oil & gas cut mud, 1775' free oil
DST #2	8324' - 8500', Tool open 1 1/2 hrs. Recovered 2300' clean oil, 1840 sulfur water.
DST #3	8410' - 8440', Tool open 3 hrs, good blow for 30 minutes, weakened and died, recovered 1874' gas and sulfur water.