



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

1 : 23

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLETCATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Tide Water Associated Oil Company State "F" Unit
(Company or Operator) (Lease)
Well No. 4-1, in SE 1/4 of SW 1/4, of Sec. 38, T. 16-S, R. 37-E, NMPM.

Lovington, Abo Pool, Lee County.

Well is 1650 feet from West line and 990 feet from South line of Section 32-16S-37E. If State Land the Oil and Gas Lease No. is E-1897.

Drilling Commenced 8-12-54, 19 Drilling was Completed 10-8-54, 19.

Name of Drilling Contractor Lee Drilling Company
Address Midland, Texas

Elevation above sea level at Top of Tubing Head Derrick Floor 3016'. The information given is to be kept confidential until Not Confidential, 19.

OIL SANDS OR ZONES

No. 1, from 8340' to 8380' 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 to feet.
No. 2, from to feet.
No. 3, from to feet.
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	35#	New	320	Tan-Pattern	None	None	Surface Cng.
8-5/8"	32- 35#	New	3503	Jarlin	"	"	Intermediate
5-1/2"	17#	New	5101	"	"	"	Production
(Liner)							

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-3/4"	13-3/8"	333'	350	Halliburton		
11"	8-5/8"	3492'	1250	"		
7-5/8"	5-1/2"	8414'	532	"		
Hung in 8-5/8" @ 3313'						

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Before completion this well was acidized with 500 gallons Mud Acid and 500 gallons regular Acid.

Result of Production Stimulation

Depth Cleaned Out 8397'

WORD OF DRILL-STEM AND SPECIAL TEST

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 tools were used from..... feet to..... feet, and from..... feet to..... feet.

PRODUCTION

Put to Producing..... 10-15-51....., 19.....

OIL WELL: The production during the first 24 hours was..... 182.25..... barrels of liquid of which..... 95.4..... % was
was oil; % was emulsion; % water; and..... 4.5..... % was sediment. A.P.I.

Gravity.....

GAS WELL: The production during the first 24 hours was..... M.C.F. plus..... barrels of
liquid Hydrocarbon. Shut in Pressure..... lbs.

Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

T. Anhy.....	T. Devonian.....
T. Salt.....	T. Silurian.....
B. Salt.....	T. Montoya.....
T. Yates.....	T. Simpson.....
T. 7 Rivers.....	T. McKee.....
T. Queen.....	T. Ellenburger.....
T. Grayburg.....	T. Gr. Wash.....
T. San Andres.....	T. Granite.....
T. Glorieta.....	T.
T. Drinkard.....	T.
T. Tubbs.....	T.
T. Abo.....	T.
T. Penn.....	T.
T. Miss.....	T.

Northwestern New Mexico

T. Ojo Alamo.....
T. Kirtland-Fruitland.....
T. Farmington.....
T. Pictured Cliffs.....
T. Menefee.....
T. Point Lookout.....
T. Mancos.....
T. Dakota.....
T. Morrison.....
T. Penn.....
T.
T.
T.
T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	340	340	Surface shale, Galisteo, red bed				1st Box Survey
340	1540	1100	Sed. rocks				1st Box Survey
1540	2140	600	Anhydrite & Limestone				1st Box Survey
2140	3100	1000	Anhydrite & Shale				1st Box Survey
3100	3900	800	Anhydrite				1/2
3900	4100	200	Anhydrite & Limestone				1/2
4100	4461	361	Lime				1/2
4461	4958	493	Lime & Sand				1/4
4958	6415	1463	Lime				1
Drill Stem Tests:							
1)	6158-6463	285	Toot open 3 hrs., opened 6/12 in. blow of air, increased to fair blow & continued throughout test, no oil or gas to surface; recovered 30' oil cut water; final flowing pressure 150 psi, 30 min., SIP 275 psi.				1
2)	8309-8415	106	Toot open 1 hr. and 45 min., gas to surface in 15 min., held in 2 hr. min., oil in 30 min., clear to sit in test 7 min., on 1 hr. test 4/51.30 to 4/4102 BS 3 mud; reverse 1 min. 34 sec; recovered 670' off sulphur water.				1-1/2

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

Oct. 12, 1951

(Date)

Company or Operator TIDE WATER ASSOCIATED OIL COMPANY Address Box 54, Hobbs, New Mexico

Name D. H. Shackleford E. Shackleford Position or Title Director, Foreman