

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

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 QUINTUPLICATE.

N.

1980°

660°

AREA 640 ACRES
LOCATE WELL CORRECTLY

Tide Water Associated Oil Company

State NM

(Company or Operator)

(Lease)

Well No. 1, in SW 1/4 of NW 1/4, of Sec. 20, T. 15-S, R. 31-E, NMPM.

Undesignated

Pool,

Chaves

County.

Well is 1980° feet from North line and 660° feet from West line

of Section 20. If State Land the Oil and Gas Lease No. is E-5819

Drilling Commenced 5-11-55, 19. Drilling was Completed 6-11-55, 19.

Name of Drilling Contractor Cactus Drilling Company

Address 219 East Beauregard San Angelo, Texas

Elevation above sea level at Top of Tubing Head 4413 The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 3101 to 3112 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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	36#	New	320	Texas	None	None	Surface
5-1/2"	15.5, 14, 17	New & Used		Howco			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4	13-3/8	327°	350	Plug		
7-3/4	5-1/2	3098°	125	Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Sandfraced with 10,000 gallons of lease crude and 10,000# of sand.
Injection rate 24 BPM at a max. press. of 2600#. Treated OH 3098-3112°.

Result of Production Stimulation Flowed 166.09 bbls. of new oil in 8 hrs after recovering load oil.

Depth Cleaned Out 3112°

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

Rotary tools were used from 0 feet to 1270 feet, and from _____ feet to _____ feet.

Cable tools were used from 1270 feet to 3112 feet, and from _____ feet to _____ feet.

Put to Producing.....**6-16-55**....., 19.....

OIL WELL: The production during the first 24 hours was 498.26 barrels of liquid of which 100 % was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 36.8

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):

Northwestern New Mexico

T. Anhy.....	1270	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	1340	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	.	T. Montoya.....	T. Farmington.....
T. Yates.....	2325	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....		T. McKee.....	T. Menefee.....
T. Queen.....	3099	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....		T. Gr. Wash.....	T. Mancos.....
T. San Andres.....		T. Granite.....	T. Dakota.....
T. Glorieta.....		T.	T. Morrison.....
T. Drinkard.....		T.	T. Penn.....
T. Tubbs.....		T.	T.
T. Abo.....		T.	T.
T. Penn.....		T.	T.
T. Miss.....		T.	T.

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	330	330	Caliche, shale, & red beds				<u>Deviation</u>
330	800	470	Red Beds				<u>Depth</u> <u>Degrees</u>
800	1210	410	Sand				775 0
1210	1260	50	Sandy shale				1790 3/4
1260	1285	25	Anhydrite				1950 3/4
1285	1300	15	Red Shale				2380 2-1/4
1300	1395	95	Anhydrite				2527 2-3/4
1395	2110	715	Salt & Potash				2545 2
2110	2315	305	Anhydrite & Potash				2550 1-3/4
2315	2345	30	Red Shale				2565 2
2345	2450	105	Anhydrite & Shale				2615 2
2450	2460	10	Sand				2640 1-3/4
2460	2495	35	Anhydrite & Red Sand				2785 1-1/4
2495	2840	345	Anhydrite				2980 1-3/4
2840	2885	45	Anhydrite & Shale				
2885	2915	30	Red Rock & Anhydrite				
2915	3050	135	Anhydrite				
3050	3080	30	Anhydrite & Shale				
3080	3095	15	Red Sand & Anhydrite				
3095	3101	6	Anhydrite				
3101	3112	1	Sand				

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.

June 27, 1955

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(Date)

Company or Operator.....~~Tide Water Assoc. Oil Co.~~..... Address.....~~Box 547 Hobbs, New Mexico~~.....

Name H. P. Shackelford Position or Title Area Superintendent