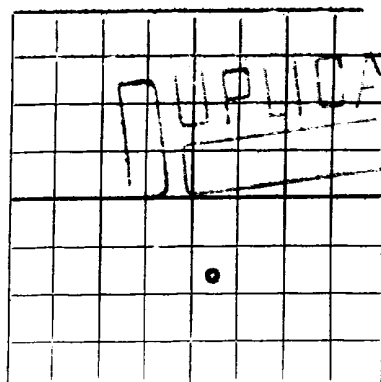


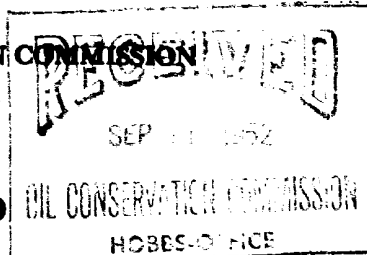


AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Tide Water Associated Oil Company
(Company or Operator)

State NM
(Lease)

Well No. 3, in NW $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec. 36, T. 16S, R. 36E, NMPM.

Lovington Abo Pool, Lea County.

Well is 1650 feet from South line and 2310 feet from East line

of Section 36-163-36E. If State Land the Oil and Gas Lease No. is B-7845

Drilling Commenced 6-21, 19 52 Drilling was Completed 8-16, 19 52

Name of Drilling Contractor H & S Drilling Company

Address Tulsa, Oklahoma

Elevation above sea level at Derrick floor 3838

Not Confidential, 19 52 The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from 8280 to 8350 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
<u>13-3/8</u>	<u>36#</u>	<u>New</u>	<u>302</u>	<u>Tex. Pattern</u>	<u>-</u>	<u>-</u>	<u>Surface Cag.</u>
<u>8-5/8</u>	<u>32#</u>	<u>New & Used</u>	<u>3302.45</u>	<u>Larkin</u>	<u>-</u>	<u>-</u>	<u>Salt String</u>
<u>5-1/2</u>	<u>15.5# & 17#</u>	<u>New</u>	<u>5288</u>	<u>Larkin</u>	<u>-</u>	<u>8780 - 8350</u>	<u>Oil String</u>

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>17-1/2</u>	<u>13-3/8</u>	<u>316</u>	<u>400</u>	<u>Halliburton</u>	<u>Natural</u>	<u>-</u>
<u>11</u>	<u>8-5/8</u>	<u>3299</u>	<u>1100</u>	<u>"</u>	<u>9.0 #/gal</u>	<u>-</u>
<u>7-3/4</u>	<u>5-1/2</u>	<u>8449</u>	<u>600</u>	<u>"</u>	<u>9.3 #/gal</u>	<u>-</u>

RECORD OF PRODUCTION AND STIMULATION

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

Treated w/2500 gals. reg. low surface tension acid thru perforations 8280 - 8350

Result of Production Stimulation Before acidizing well swabbed 7 BOPH, after acidizing well

flowed 229 BOPH on 20/64" Ck.

Depth Cleaned Out _____

REPORT 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 8450 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 8-22-1952

OIL WELL: The production during the first 24 hours was 229 barrels of liquid of which 100 % was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I. Gravity 40.5° API Corr.

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		Northwestern New Mexico	
T. Anhy.	2046	T. Devonian	T. Ojo Alamo
T. Salt		T. Silurian	T. Kirtland-Fruitland
B. Salt		T. Montoya	T. Farmington
T. Yates	3050	T. Simpson	T. Pictured Cliffs
T. 7 Rivers		T. McKee	T. Menefee
T. Queen		T. Ellenburger	T. Point Lookout
T. Grayburg		T. Gr. Wash	T. Mancos
T. San Andres	4616	T. Granite	T. Dakota
T. Glorieta	5957	T. Wichita Pay	8287
T. Drinkard		T.	T. Morrison
T. Tubbs	7544	T.	T. Penn
T. Abo	8152	T.	T.
T. Penn		T.	T.
T. Miss		T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	356	356	surface sand & gravel				
356	1370	1014	Red beds & shells				
1370	2039	669	Red beds & anhydrite				
2039	3144	1105	Anhydrite & salt				
3144	3296	152	Anhydrite & gyp				
3296	4602	1306	Lime, salt, shale				
4602	4918	316	Lime				
4918	6443	1525	Lime & shale				
6443	7821	1378	Lime				
7821	8015	194	Shale				
8015	8450	435	Lime				
							Orig., 3cc - OCC 1cc - PAD 4 cc- TWA

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.

September 11, 1952 (Date)
Company or Operator Tide Water Associated Oil Co. Address Box 547 Hobbs, New Mexico
Name H. P. Shackelford Position or Title District Foreman

Table 1.1

Year	Value
1970	1.0
1971	1.1
1972	1.2
1973	1.3
1974	1.4
1975	1.5
1976	1.6
1977	1.7
1978	1.8
1979	1.9
1980	2.0

Table 1.2

Table 1.2 shows the results of the regression analysis for the period 1970-1980. The results are presented in the following table:

DEVIATION SURVEYS

Depth	Degrees
650	1/4
1350	3/4
1637	3/4
2870	1
4506	3/4
4877	1/2
5990	1
6760	1/4
7215	1/4
8015	3/4

DRILL STEM TESTS

DST #1; 8176-8450; tool open 3 hrs and 50 min.; gas to surface in 20 min.,
no oil to surface; reversed 63.48 BO to tanks, no water;
F.P. 500-2300#, 15 min SIP 3025#