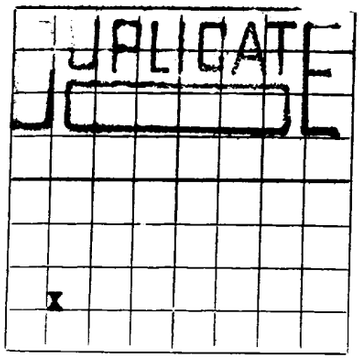
N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

(Revised 7/1/52)

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) Montieth (Lease)

Well No. 1, in SW ¼ of SW ¼, of Sec. 20, T. 16-S, R. 37-E, NMPM.

Wildcat Pool, Lea County.

Well is 660 feet from West line and 660 feet from South line of Section 20. If State Land the Oil and Gas Lease No. is Patent Land

Drilling Commenced March 25, 1952 Drilling was Completed August 9, 1952

Name of Drilling Contractor Parker Drilling Company

Address Tulsa, Oklahoma

Elevation above sea level at Top of Tubing Head 3822' (3834 DF.) The information given is to be kept confidential until Not Confidential, 19.....

OIL SANDS OR ZONES

No. 1, from 11,256 to 11,316 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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	36	new	320'	Tex. Pat.	-	--	Protect water sand
8-5/8"	32	new	5063'	Larkin	-	--	Shut off salt section
5-1/2" liner	17#	new	4825' to 11,412'	Larkin	-	--	Production string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2	13-3/8"	335'	350	Pump, plug	10#/gal	—
11	8-5/8"	5063	3000	Halliburton	9#/gal	—
7-7/8"	5-1/2"	11,412'	350	Halliburton	9#/gal	—

RECORD OF PRODUCTION AND STIMULATION

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

Treated perforations from 11,256 - 80; 11,300 - 316' with 6000 gal. Production before treatment was 32 BOPH on a natural test.

Result of Production Stimulation Production after treating was 48 BOPH on 1/2" choke with a tubing pressure of 600 psi.

Depth Cleaned Out.....

RE... F 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 11,925 feet, and from ..... feet to ..... feet.

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

PRODUCTION

Put to Producing August 9, 19 52

OIL WELL: The production during the first 24 hours was 754 barrels of liquid of which 100 % was was oil; - % was emulsion; - % water; and - % was sediment. A.P.I. Gravity 42.2 deg

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 2127'	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates 3233'	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 4886'	T. Granite	T. Dakota
T. Glorieta 6285'	T.	T. Morrison
T. Drinkard	T.	T. Penn
T. Tubbs 7678'	T.	T.
T. Abo 8310'	T.	T.
T. Penn 10,490	T.	T.
T. ~~xxx~~ Strawn 11,207'	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation
0	344	344	Caliche, surface rock
344	2107	1763	Red bed
2107	4803	2696	Anhydrite, salt, gyp
4803	8722	3919	Dolomite, lime
8722	9580	858	Dolomite, lime, shale
9580	9977	397	Dolomite, chert
9977	11,233	256	Lime, shale
11,233	11,404	171	Lime
11,404	11,925	521	Lime, shale, chert

From	To	Thickness in Feet	Formation

Distribution:
Orig., 3 cc - OCC
1cc - PAD
4 cc - TWA
1 cc - Geo. H. Coates
1 cc - Sohio
1 cc - Montoya
1cc - Cities $ervice
1 cc - Western Natural
1 cc - Gulf

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.

August 1952 (Date)

Company or Operator Tide Water Associated Oil Co Address Box 547 Hobbs, New Mexico

Name H.G. Wesberry Position or Title Ass't Division Superintendent

DRILL STEM TESTS

Drill Stem Test #1: 6512-6530'; tool open 30 minutes; weak blow for 15 minutes; recovered 10' Drilling Mud; Flowing pressure 0 psi.; 15 minute SIP. 0 psi.

Drill Stem Test #2: 6275-6308'; tool open 30 minutes; weak blow and died in two minutes; recovered 5' Drilling Mud; Flowing pressure 0 psi., 15 minute SIP. 0 psi.

Drill Stem Test #3: 6353-6380'; tool open 30 minutes; weak blow and died in 8 minutes; recovered 40' Drilling Mud; Flowing pressure 0 psi., 15 minute SIP. 0 psi.

Drill Stem Test #4: 11,209-259'; tool open 45 minutes; no blow; recovered 1800' of water cushion and 60' Drilling Mud; Flowing pressures 892 psi., 15 minute SIP. 1172 psi.

Drill Stem Test #5: 11,253-11,277'; tool open 1 hour and 45 minutes; 1800' water cushion; gas in 33 minutes, water cushion in 1 hour 12 minutes, oil in 1 hour 32 minutes, Flowed to pits at an estimated 40 BOPH, for 14 minutes with 200 psi. Surface pressure. IFP. 1130 psi., FFP. 2632 psi., 1 hre. 45 min. SIP. 4018 psi.

DEVIATION SURVEYS

Depth	Deflection (degrees)
240'	1/2
1000'	1/2
1350'	1/2
1930'	1/2
2910'	3/4
3700'	1
4209'	1
4713'	3/4
5126'	1/4
5677'	1/4
6082'	1/4
6483'	1/4
6759'	1/2
7245'	3/4
7741'	1/2
8150'	3/4
8522'	1/2
8940'	1/4
9456'	3/4
9905'	1/4
10,575'	1/4
10,968'	1
11,464'	1/2
11,965'	3/4

DRILL STEM TESTS

Drill Stem Test #1; 6315-6339'; tool open 30 minutes; weak blow for 15 minutes; recovered 10' Drilling Mud; Flowing pressure 0 psi.; 15 minute SIP. 0 psi.

Drill Stem Test #2: 8275-8308'; tool open 30 minutes; weak blow and died in two minutes; Recovered 5' Drilling Mud; Flowing pressure 0 psi., 15 minute SIP. 0 psi.

Drill Stem Test #3: 8335-8380'; tool open 30 minutes; weak blow and died in 6 minutes; recovered 40' Drilling Mud; Flowing pressure 0 psi., 15 minute SIP. 0 psi.

Drill Sten Test #4: 11,205-233'; tool open 45 minutes; no blow; recovered 1800' of water cushion and 60' Drilling Mud; Flowing pressures 892 psi., 15 minute SIP. 1172 psi.

Drill Stem Test #5: 11,233-11,277'; tool open 1 hour and 45 minutes; 1800' water cushion; gas in 33 minutes, water cushion in 1 hour 12 minutes, oil in 1 hour 32 minutes, Flowed to pits at an estimated 40 BOPH, for 14 minutes with 200 psi. Surface pressure. IFP. 1080 psi., FFP. 2632 psi., 2 hrs. 45 min. SIP. 4018 psi.

DEVIATION SURVEYS

Depth	Deflection(degrees)
340'	1/2
1000'	1/2
1500'	1/2
1960'	1/2
2910'	3/4
3700'	1
4107'	1
4711'	3/4
5126'	1/4
5677'	1/4
6082'	1/4
6482'	1/4
6759'	1/2
7245'	3/4
7741'	1/2
8130'	3/4
8522'	1/2
8940'	1/4
9456'	3/4
9905'	1/4
10,575'	1/4
10,968'	1
11,464'	1/2
11,865'	3/4