(Form C-103)
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION	X	REPORT ON (Other)	

December 19, 1952 (Date) Hobbs, New Mexico (Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Tide Water Associated Oil Company (Company or Operator) O.L. Coleman (Lease)

Bateman & Whitsitt (Contractor), Well No. 3 in the NW/4 ¼ NE/4 ¼ of Sec. 17,

T. 21-S, R. 36-E, NMPM., Eunice Pool, Lea County.

The Dates of this work were as folows: September 1, 1952 through October 1, 1952

Notice of intention to do the work (was) (~~was not~~) submitted on Form C-102 on August 18, 1952 (Cross out incorrect words), 19....,

and approval of the proposed plan (was) (~~was not~~) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

The above well was recompleted as a dual gas/oil well for production from the Yates-7 Rivers gas zone (upper) and for oil production from the Grayburg-San Andres (lower).

The 7" OD production string of casing was tested with 1200 psi and a leak found at 1611'. The leak was squeezed off with 50 sax and cement allowed to set 36 hours. The 7" casing was then tested with 1200 psi for 30 minutes and held O.K. A Baker Model "D" Retainer Production packer was then run on a wire line and set at 3694-98'. The tubing string was run with the tail pipe below the packer being 2-3/8" OD. tubing (with seating nipple, standing valve and perforation) and the tubing above the packer being 2-7/8" OD (see final order of tubing string with flow valves on attached sheet). The tubing was tested with 1000 psi for leaks and separated above the Baker packer by virtue of picking up out of the Baker Model 80 tubing seal receptacle. The packer was then tested with 1000 psi and held O.K.

(continued on attached sheet)

Orig., 2 copies - OCC
4 copies - TWA dist.

Witnessed by E.W. Hogue (Name) Tide Water Associated Oil Company (Company) Head Roustabout (Title)

Approved:
OIL CONSERVATION COMMISSION

Roy Yarbrough (Name)

(Title) (Date)

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name H.P. Shackelford

Position District Foreman

Representing Tide Water Associated Oil Company

Address Box 547 Hobbs, New Mexico

The oil in the hole was displaced with salt water and the section 3125-78', 3210-38' perforated. The zone was swabbed in and tested for a pitot gauge of 3.75 MMCFGPD.

The tubing was set back in the Baker seal receptacle. A 1" macroni string with flow valves was then run inside the 2-7/8" OD. tubing and lower zone put on production by gas-lift (see skematic diagram for location of flow valves in the 1" string). The upper zone was tested and the official Open Flow Potential Test as determined by El Paso Natural Gas Company is 4800 MCFGPD.

Communication and gas-oil ratio tests have been taken on the well. Charts showing results are on file in the Tide Water Hobbs District office. Positive results were obtained on the test for communication between zones. Results of the gas-oil ratio test will be reported on form C-116.

Below is the final order for running the 1" and 2-7/8" tubing strings:

2-7/8" tubing setting - from bottom up

1 - 2-3/8" OD 8R perf. W/ 3/4" opening in end	5.15'
1 - 2-3/8" seating nipple	0.82'
1 - Obanon standing valve	
6 - joints 2-3/8" tubing	183.31'
2" V seal nipple & locator sub extension	3.09'
Tubing seal receptacle 4-1/2' slip jt. top	3.49'
Baker locator sub	0.54'
118 - jts. 2-7/8" OD. tubing	3655.98'
1 - 2-7/8" OD X 2' pup jt.	2.10'
1 - 2-7/8" OD Slick jt.	31.01'
	3885.49'

1" Tubing setting with location of Flow Valves

1" Collars & bull plug	0.40'
1 jt. 1" 11-1/2" thd. tubing	24.65'
#1 flow valve, 3850-52'	2.04'
1" 11-1/2 thd. tubing	515.45'
#2 flow valve, 3333-35'	2.04'
1", 11-1/2' thd. tubing	640.11'
#3 flow valve, 2691-93'	2.04'
1", 11-1/2 thd. tubing	787.52'
#4 flow valve, 1901-03'	2.04'
1", 11-1/2 thd. tubing	961.14'
#5 flow valve, 938-40'	2.04'
1", 11-1/2 thd tubing	938.48'
	3877.95'

The mud in the hole was displaced with salt water and the section 3125-[illegible]', [illegible]' perforated. The zone was swabbed in and tested for a pitot gauge of [illegible] MCF/D.

The tubing was set back in the Baker seal receptacle. A 1" macaroni string with flow valves was then run inside the 2-7/8" OD. tubing and lower zone put on production by gas-lift (see schematic diagram for location of flow valves in the 1" string). The upper zone was tested and the official Open Flow Potential Test is determined by El Paso Natural Gas Company to 4800 MCFPD.

Communication and gas-oil ratio tests have been taken on the well. Charts showing results are on file in the State Water Hobbs District office. Positive results were obtained on the test for communication between zones. Results of the gas-oil ratio test will be reported on form C-116.

Below is the final order for running the 1" and 2-7/8" tubing strings:

2-7/8" tubing setting - from bottom up

1 - 2-3/8" OD EUE perf. w/ 3/4" opening in end	5.[illegible]'
1 - 2-3/8" seating nipple	0.[illegible]'
1 - [illegible] standing valve	
[illegible] - joints 2-3/8" tubing	183.[illegible]'
2" [illegible] seal nipple & locator and extension	3.79'
Tubing seal receptacle 4-1/2' slip jt. top	3.49'
Baker locator sub	0.54'
1[illegible] - jts. 2-7/8" OD. tubing	3655.98'
1 - 2-7/8" OD X 2' pup jt.	[illegible]'
1 - 2-7/8" OD Slick jt.	31.[illegible]'
	3885.[illegible]'

1" Tubing setting with Location of Flow Valves

1" Collars & bull plug	0.40'
1 jt. 1" 11-1/2" thd. tubing	24.[illegible]'
#1 flow valve, 3650-52'	2.[illegible]'
1" 11-1/2 thd. tubing	[illegible]'
#2 flow valve, 3323-25'	[illegible]'
1", 11-1/2 thd. tubing	[illegible]'
#3 flow valve, 2691-93'	2.[illegible]'
1", 11-1/2 thd. tubing	7[illegible]'
#4 flow valve, 1901-03'	[illegible]'
1", 11-1/2 thd. tubing	[illegible]'
#5 flow valve, 938-40'	2.[illegible]'
1", 11-1/2 thd tubing	[illegible]'
	[illegible]'

TWA #3 COLEMAN
17-21-36, Eunice Pool
Lea County, New Mexico