

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHERN NEW MEXICO FASTER DRILLAGE TEST

Operator	Gulf Oil Corporation		Lease No.	W. A. Ramsay (NCT-C)		Well No.	4
Location of Well	Unit M	Sec 36	Lev. 24	Type 37	County	Lea	Choke Size
		Name of Reservoir or Pool	Type of Prod. (Oil or Gas)	Method of Prod. (Bog., Am. Lift)	Prod. Relation (Bog. or Gas)		
Upper Comp.	Justis Fusselman North	Oil	Pump	Tbg.	2" W.O.		
Lower Comp.	Justis Montoya North	Oil	Pump	Tbg.	2" W.O.		

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 12:30 P.M. 4-18-77

Well opened at (hour, date): <u>12:30 P.M. 4-19-77</u>	Upper Completion	Lower Completion
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Indicate by (X) the zone producing..... X

Pressure at beginning of test..... 88 345

Stabilized? (Yes or No)..... Yes Yes

Maximum pressure during test..... 88 345

Minimum pressure during test..... 50 150

Pressure at conclusion of test..... 50 150

Pressure change during test (Maximum minus Minimum)..... -38 -195

Was pressure change an increase or a decrease?..... decrease decrease

Well closed at (hour, date): <u>12:30 P.M. 4-20-77</u>	Total Time On Production	<u>24 hrs.</u>
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Oil Production During Test: <u>10</u> bbls; Grav. <u>39.4</u>	Gas Production	
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Remarks _____

FLOW TEST NO. 2

Well opened at (hour, date): <u>12:30 P.M. 4-21-77</u>	Upper Completion	Lower Completion
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Indicate by (X) the zone producing..... X

Pressure at beginning of test..... 87 96

Stabilized? (Yes or No)..... Yes Yes

Maximum pressure during test..... 87 96

Minimum pressure during test..... 77 86

Pressure at conclusion of test..... 77 86

Pressure change during test (Maximum minus Minimum)..... -10 -10

Was pressure change an increase or a decrease?..... decrease decrease

Well closed at (hour, date): <u>12:30 P.M. 4-22-77</u>	Total time on Production	<u>24 hrs.</u>
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Oil Production During Test: <u>10</u> bbls; Grav. <u>39.2</u>	Gas Production	
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Remarks _____

I hereby certify that the information herein contained is true and complete to the best of my knowledge. (Signature)

Approved 19 AM Operator Gulf Oil Corporation
New Mexico Oil Conservation Commission By Original signed by N. G. Hallmark

By Well Tester
Title _____ Date April 27 1977

GENERAL RULES FOR THE WELL TEST PROVISIONS

1. A packer leakage test shall be conducted on each completion completed well after the severance of the oil and gas production of such completion. Thereafter, prior to the final abandonment of the completion or the abandonment of the well, a gas-oil ratio test or gas-oil ratio and pressure test will be conducted in accordance with the provisions of the rule "Gas-Oil Ratio Test" provided in the "Gathering Rules and Regulations for Oil and Gas", except at the time that completion becomes unsealable when required by the operator.

2. At least 72 hours prior to the commencement of any other leakage test, the operator shall satisfy the operator's self calling of a test if the test to be conducted offset from the well will be conducted.

3. The packer leakage test shall commence via both zones of the dual completion wire line. The pressure gauges shall remain in the dual completion until the dual pressure gauge charts shall be ready. One of two methods is hereby provided; however, that they need not remain simultaneous; namely:

a. On the first day of the test, the zones of the dual completion shall be pressurized at the normal rate of production while the outer zone remains shut-in. Such test shall be conducted until the flowing bottom hole pressure is no longer stabilized. If the pressure of the inner zone drops, it will be assumed that the flow test need not continue for more than 24 hours.

b. Following completion of the test for No. 1, the well shall again be shut-in, in accordance with paragraph 3 above.

4. Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. Permitting for Flow Test No. 2 to be the same as for Flow Test No. 1 except that the previously specified shall be reflected to settle the previously stated requirements.

5. All pressures throughout the entire test shall be continuously recorded and recorded with recording pressure gauges, the accuracy of which must be checked with a dial gauge at least once during the beginning of the once at the end of each flow test.

6. The results of the above described tests shall be filed in triplicate within 15 days after completion of the test. Results shall be filed with the appropriate District Office of the New Mexico Oil Conservation Commission on a tract-by-tract New Mexico Gas-oil Recovery Test Form Revised 1959, together with the original pressure recording gauges with all the dead-weight pressures which were taken indicated thereon. In lieu of filing the individual charts, the operator may construct a pressure versus time curve for each zone of the test, indicating the overall pressure changes which may be reflected in the single chart as well as all dead-weight pressure readings which are taken. If the pressure curve is submitted, the individual charts are permanently filed in the operator's office. Form charts will also accompany the basic leakage test form when the test period coincides with a gas-oil ratio test period.

RECEIVED OCT 20 1977 CMAA	
WELL NUMBER	1860205
WELL LOCATION	CENTER COUNTY, PENNSYLVANIA
TEST NO.	2
TEST DATE	OCT 20, 1977
TEST TYPE	FLOW TEST
TESTER	SHAW INDUSTRIES INC.
TESTING TIME	10:00 AM - 05:00 PM
TESTING PRESSURE	1500 PSI
TESTING RATE	30000 BBL/DAY
TESTING TEMPERATURE	75°F
TESTING DURATION	1.5 HRS
TESTING CONDITIONS	STABILIZED
TESTING COMMENTS	