

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER IMAGE TEST

Operator	Gulf Oil Corporation			Lease	J. H. Carson (NCT-A) Central Drinkard Unit	Well No.	6 114
Location of Well	Unit	Sec	19	Top	213	Age	37E
				Type of Prod	Method of Prod	Prod. Medium	Choke Size
Upper Compl	Tubb			Gas	Flow	Csg.	—
Lower Compl	Drinkard			Oil	Pump	Tbg.	2" WO

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:00 a.m., 2-2-76

Well opened at (hour, date): 10:00 a.m., 2-3-76 Upper Completion Lower Completion

Indicate by (X) the zone producing..... X

Pressure at beginning of test..... 351 258

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

Maximum pressure during test..... 432 258

Minimum pressure during test..... 351 20

Pressure at conclusion of test..... 432 20

Pressure change during test (Maximum minus Minimum)..... 81 238

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

Well closed at (hour, date): 10:00 a.m., 2-4-76 Total Time On Production 24 hrs

Oil Production Gas Production

During Test: 16 bbls; Grav. 27.8; During Test 71.0 MCF; GOR 4438

Remarks _____

FLOW TEST NO. 2

Well opened at (hour, date): 10:00 a.m. 2-5-76 Upper Completion Lower Completion

Indicate by (X) the zone producing..... X

Pressure at beginning of test..... 520 230

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

Maximum pressure during test..... 520 230

Minimum pressure during test..... 165 199

Pressure at conclusion of test..... 165 199

Pressure change during test (Maximum minus Minimum)..... 355 31

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

Well closed at (hour, date) 10:00 a.m., 2-6-76 Total time on Production 24 hrs

Oil Production Gas Production

During Test: 0 bbls; Grav. —; During Test 312.0 MCF; GOR —

Remarks _____

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

Operator Gulf Oil Corporation

Approved 19 *AM* By *W. G. Hallmark*
New Mexico Oil Conservation Commission

Signature by *W. G. Hallmark*

Title Well Tester

Date 2-20-76

SOUTHERN CALIFORNIA WATER COMPANY LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced with a dual completion well which has one zone with a normal completion and the other zone stabilized by the operator's choice of the multiple completion techniques and shall be commenced on all multiple completions within seven days following the completion of the well, or as soon as practicable thereafter, provided that the operator has been given every opportunity to conduct a well survey which the operator or the State Oil Conservation Commission shall agree to take at any time that communication is suspected or when requested by the Commission.
 2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Commission in writing of the exact time the test is to be conducted. Offset operators shall also be so notified.
 3. The packer leakage test shall commence when both zones of the dual completion are shut-in for pressure stabilization. Both zones shall remain shut-in until the well-head pressure in each has stabilized and for a minimum of two hours thereafter, provided however, that they need not remain shut-in more than 24 hours.
 4. For Plier Test No. 1, one zone of the dual completion shall be produced at the normal rate of production while the other zone remains shut-in. Such test shall be continued until the flowing well-head pressure has become stabilized and for a minimum of two hours thereafter, provided however, that the first test need not continue for more than 24 hours.

Each test shall be conducted with a single zone completion in the well, and a normally operating dual completion. The dual completion shall be used on all multiple completions within seven days following the completion of the well, or as soon as practicable thereafter, provided that the operator has been given every opportunity to conduct a well survey which the operator or the State Oil Conservation Commission shall agree to take at any time that communication is suspected or when requested by the Commission.

In accordance with Paragraph 3 above,

 5. Plier Test No. 1 shall be conducted even though no leak was indicated during Flow Test No. 1. Procedure for Flow Test No. 1 to be the same as for Flow Test No. 1 except that the previously produced zone shall be maintained while the previously shut-in zone is pressurized.
 6. All pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges, the accuracy of which must be checked with a deadweight tester at least twice, once at the beginning and once at the end, of each flow test.
 7. The results of the above-described tests shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Commission on Southeast New Mexico Packer Leakage Test Form Revised 11-1-58, together with the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In the event of filing the aforesaid charts, the operator may construct a pressure versus time curve for each zone of each test, indicating the mean air pressure changes which may be reflected by the gauge charts as well as all dead-weight pressure readings which were taken. If the pressure curve is submitted, the original chart must be permanently filed in the operator's office. Form C-118 shall also accompany the Packer leakage Test Form when the test period coincides with a gas-oil ratio test period.







