

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Gulf Oil Corporation			Lease C. P. Falby Federal "B" Fed		Well No. 4
			South Penrose Skelly Unit		179
Location of Well	Unit L	Sec 8	Twp 22	Rge 37	County Lea
	Name of Reservoir or Pool		Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	Prod. Medium (Tbg or Gas)
Upper	Sumont		Oil	Standing	Tbg.
Lower	Drinkard		Oil	Standing	Tbg.
Middle	Penrose Skelly		Oil	Standing	Tbg.
Comp.			FLOW TEST NO. 1		

Both zones shut-in at (hour, date): **10:30 A.M. 4-26-77**

Well opened at (hour, date): _____

Upper Completion	Middle	Lower Completion
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Indicate by (X) the zone producing.....

Pressure at beginning of test..... **330** **400** **16**

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

Maximum pressure during test.....

Minimum pressure during test.....

Pressure at conclusion of test.....

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

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

Well closed at (hour, date): _____

Oil Production	Gas Production
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During Test: _____ bbls; Grav. _____; During Test _____ MCF; GOR _____

Remarks **All three zones standing.**

FLOW TEST NO. 2

Well opened at (hour, date): _____

Upper Completion	Lower Completion
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Indicate by (X) the zone producing.....

Pressure at beginning of test.....

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

Maximum pressure during test.....

Minimum pressure during test.....

Pressure at conclusion of test.....

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

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

Well closed at (hour, date): _____

Oil Production	Gas Production
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During Test: _____ bbls; Grav. _____; During Test _____ MCF; GOR _____

Remarks _____

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

Approved _____ 1977
New Mexico Oil Conservation Commission

Operator **Gulf Oil Corporation**

By **Original signed by N. G. Hallmark**

by _____

Title **Well Tester**

Title _____

Date **April 29, 1977**

5. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with paragraph 3 above.

1. A pecker looks, that shall be considered on each multiply completed well within seven (7) days after actual completion of the well and initially thereafter until notified by the operator that the multiple completion is in fact complete. It shall also be completed on all multiple completions within seven (7) days after the completion of the final completion treatment, and thereafter the well shall be treated on a well basis, while the pecker or the fishing have been in the well. The well may be taken out of any time that consideration be completed when required by the Completion.

2. At least 72 hours prior to the commencement of any nuclear leakage test, the operator shall notify the coordinator 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 cease when both zones of the dual completion are shut in for pressure stabilization. Both zones shall remain shut-in until the wellhead 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 Flow test No. 1, the zone of the dust completion shall be produced at the normal rate of production while the other zone remains within. Such test shall be continued until the flowing volitional pressure is before stabilized and for a minimum of two hour thereafter, provided however, that the flow test need not continue for more than 24 hours.

0. Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1 except that the previously produced zone shall be shut in while the previously shut zone is produced.

7. All pressure, throughout the entire test, shall be continuously measured and recorded with recording pressure gage, 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.

8. 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 State Conservation Commission on sufficient New Mexico Leakage Test Form Revised 1-1-50, together with the original pressure recording gas-oil charts with all the deadweight pressures which were taken indicated thereon. In lieu of filing the above-said charts, the operator may elect to press a pressure versus time curve for each zone of each test, indicating the mean and pressure changes which may be reflected by the gauge charts as well as all deadweight pressure readings which were taken. If the pressure curve is submitted, the original chart shall be permanently filed in the operator's office. Form C-116 shall also accompany the New Mexico Leakage Test Form when the test period coincides with a gas-oil ratio test period.

FEB 2 1977
OIL CONSERVATION COUNCIL
HOBBS, N. M.