

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Gulf Oil Corporation			Lease Central Drinkard Unit W. T. McComack			Well 131 No. 13	
Location of Well	Unit A	Sec 32	Twp 21	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 Csg)	Choke Size	
Upper Compl	Tubb		Gas	Flow	Csg.	-	
Lower Compl	Drinkard		-	Water Injection	Tbg.	-	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:15 A.M. 2-26-79

Well opened at (hour, date):	9:15 A.M. 2-27-79	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X	
Pressure at beginning of test.....		401	1398
Stabilized? (Yes or No).....		Yes	Yes
Maximum pressure during test.....		401	1398
Minimum pressure during test.....		66	1398
Pressure at conclusion of test.....		66	1398
Pressure change during test (Maximum minus Minimum).....		-335	No Change
Was pressure change an increase or a decrease?.....		decrease	No Change
Well closed at (hour, date):	9:15 A.M. 2-28-79	Total Time On Production	24 hrs.
Oil Production	Gas Production		
During Test: 0 bbls; Grav. -	During Test 129.0	MCF; GOR	-

Remarks

FLOW TEST NO. 2

Well opened at (hour, date):	9:15 A.M. 3-1-79	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....			
Pressure at beginning of test.....		86	1410
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)		Total time on Production	
Oil Production	Gas Production		
During Test: bbls; Grav. -	During Test	MCF; GOR	

Remarks Central Drinkard Unit No. 131 water injection well not closed in.

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

Approved
New Mexico Oil Conservation Commission

MAR 13 1979
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SUPERVISOR DISTRICT 4

Operator Gulf Oil Corporation

By A. C. Graham

Title Well Tester

Date March 9, 1979

NOTES ON THE NEW READER PAPER BACKS OF THE INSTRUCTIONS

1. A packer leakage test shall be conducted on a multiply completed well within ten days after initial completion or the well and annulus thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be conducted on all multiple completions within seven days following completion and/or chemical or fracture treatment, and whenever needed work has been done on a well during which the packer or the tubing have been displaced. Tests shall also be taken 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 commenced. 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 flow 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 wellhead pressure has become stabilized and for a minimum of two hours thereafter, provided however, that the flow test need not continue for more than 24 hours.

6. Following completion of Flow Test No. 1, the well shall again be shut in, and production at

6. 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 maintained in while the previously shut in zone is produced.

7. 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.

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 Oil Conservation Commission on Southeast New Mexico Backer Leakage Test Form Formed 1-11-58, together with the original pressure recording gauge charts with: (1) the deadweight pressures which were taken indicated the amount of pressure during the above said chart; the operator may construct a pressure versus time curve for each zone of each test, indicating thereon all 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 must be permanently filed in the operator's office. Form filed shall also accompany the Backer Leakage Test Form when the test period coincides with a gas-oil ratio test period.