

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Copy to operator

Operator Belco Petroleum Corporation			Lease James Ranch Unit			Well No. 4	
Location of Well	Unit L	Sec 6	Twp 23-S	Rge 31-E	County Eddy		
	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	Atoka		Gas	T.A. 9-1-73			
Lower Compl	Las Medanos (Morrow)		Gas	Flow	Tbg.	18/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 AM 10-25-76

	Upper Completion	Lower Completion
Well opened at (hour, date): 9:00 AM 10-26-76		
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	2000	1500
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	2000	1500
Minimum pressure during test.....	2000	960
Pressure at conclusion of test.....	2000	960
Pressure change during test (Maximum minus Minimum).....	None	540
Was pressure change an increase or a decrease?.....	None	Decrease
Well closed at (hour, date): 9:00 AM 10-27-76	Total Time On Production 24 Hours	
Oil Production During Test: 2 bbls; Grav. 54.2	Gas Production During Test .560 MCF; GOR 280	
Remarks Upper Zone TA 9-1-73		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date):		
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):	Total time on Production	
Oil Production During Test: bbls; Grav.	Gas Production During Test MCF; GOR	
Remarks		

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

Approved 12-6-76 19 New Mexico Oil Conservation Commission

Operator Belco Petroleum Corporation

By [Signature] Title Field Supervisor

By [Signature] Title Supervisor District 77

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST FORM

1. A packer leakage test shall be commenced on a well which has been completed within seven days after actual completion of the well. The test shall thereafter be as prescribed by the order authorizing completion of the well. Such tests shall also be commenced on all multiple completions within seven days following recompletion and on chemical treatments of the well whenever remedial work has been done on a well during which the possibility of communication has been suspected or when requested by the Commission.
2. At least 72 hours prior to the commencement of a packer leakage test, the operator shall notify the Commission in writing of the date and 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 well 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 be 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.

Following the completion of Flow Test No. 1, the well shall again be shut-in for stabilization as prescribed in paragraph 3 above.

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

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.

5. The results of the above-described tests shall be filed in triplicate within 15 days of the completion of the test. Tests shall be filed with the appropriate Bureau of the New Mexico Oil Conservation Commission or Southeast New Mexico Packer Leakage Test Form Revised 11-1-58, together with the original pressure recording gauge charts with all the readings and pressures which were taken indicated thereon. In lieu of filing the original charts, the operator may construct a pressure versus time curve for each zone at 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 11-1-58 shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.

