

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

This form is not to be used for  
reporting packer leakage tests in  
Northwest New Mexico

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator ARCO Oil and Gas Company			Lease Jim Camp WN			Well No. 2							
Location of Well Unit E		Sec. 6		Twp 24S		Rge 37E		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		Jalmat Gas				Gas		Flow		Csg		Open	
Lower Compl		Langley Mattix - SR-QN-GA				Oil		Art. Lift		Tbg		Open	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 08/16/89 8:00 AM

Well opened at (hour, date): 08/17/89 8:00 AM

	Upper Completion	Lower Completion
Indicate by ( X ) the zone producing.....	X	
Pressure at beginning of test.....	153	182
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	153	188
Minimum pressure during test.....	37	182
Pressure at conclusion of test.....	37	188
Pressure change during test (Maximum minus Minimum).....	-116	+6
Was pressure change an increase or a decrease?.....	Decrease	Increase
Well closed at (hour, date): 08/17/89 1:00 PM	Total Time On Production 5 hrs	
Oil Production During Test: 0 bbls; Grav. 0	Gas Production During Test: 11 MCF; GOR	
Remarks Test after workover		

FLOW TEST NO. 2

Well opened at (hour, date): 08/18/89 8:00 AM

	Upper Completion	Lower Completion
Indicate by ( X ) the zone producing.....		X
Pressure at beginning of test.....	128	186
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	134	186
Minimum pressure during test.....	128	35
Pressure at conclusion of test.....	134	35
Pressure change during test (Maximum minus Minimum).....	+6	-151
Was pressure change an increase or a decrease?.....	Increase	Decrease
Well closed at (hour, date): 08/18/89 1:00 PM	Total time on Production 5 hrs	
Oil production During Test: 5 bbls; Grav. 33.8	Gas Production During Test: 4 MCF; GOR 800	
Remarks Test after workover.		

OPERATOR CERTIFICATE OF COMPLIANCE

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

ARCO Oil and Gas Company

Operator -  
David M. Darr

Signature

David M. Darr, Engineering Technician

Printed Name

Title

08/21/89

505-392-3551

Date

Telephone No.

OIL CONSERVATION DIVISION

Date Approved

AUG 25 1989

By

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

Title

## **INSTRUCTIONS FOR SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST**

1. A packer leakage test shall be commenced on each multiply completed well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such test shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and whenever remedial work has been done on a well during which the packer or the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Division.
2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Division 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 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 minimum of two hours thereafter, provided however, that the flow test need not continue for more than 24 hours.
5. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.
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 remain shut-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 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 Division on Southeast New Mexico Packer Leakage Test Form Revised 1-1-89, together with the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In lieu of filing the aforesaid charts, the operator may construct a pressure versus time curve from 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 C-116 shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.

RECEIVED  
AUG 24 1989  
OIL CONSERVATION DIVISION  
SOUTHEAST NEW MEXICO

SUNDAY

NIGHT

MONDAY

SATURDAY

NIGHT

TUESDAY

NIGHT

WEDNESDAY

NIGHT

THURSDAY

ARCO Oil and Gas Company  
Division of Atlantic Richfield Company

LEASE Jim Camp #2

WELL NO. #2

FIELD Jalisco

FIELD Langlie Mattie

ARCCO  
RECORDING CHARTS

ON 8-16 <sup>19</sup>89 OFF 8-18 <sup>19</sup>89  
LOCATION Jim Camp #2  
REMARKS ALT  
B 0-500-12-S  
Los Angeles, California

Washed down  
with water

Washed down  
with water

Washed down  
with water

Washed down  
with water

Washed down  
with water

Washed down  
with water

RECEIVED  
AUG 24 1989  
OCD  
HOBBS OFFICE