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State of New Mexico
Geology, Minerals and Natural Resources Department

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

Revised 1-1-89

INSTRUCTIONS ON REVERSE
SIDE

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

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator American Exploration Company				Lease Lynch Christmas Com		Well No. 4					
Location Unit L		Sec. 1		Twp 22S		Rge 37E		County Lee			
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		Blinbry		Gas		Flow		CSG		2"	
Lower Compl		Tubb Oil & Gas		Gas		Flow		TBG		2"	

FLOW TEST NO. 1

Both zones shut-in at (hour, date):		12:00 Noon		11/6/96					
Well opened at (hour, date):		11:30 AM		11/7/96		Upper Completion		Lower Completion	
Indicate by (X) the zone producing.....								X	
Pressure at beginning of test.....						175		140	
Stabilized? (Yes or No).....						Yes		Yes	
Maximum pressure during test.....						175		140	
Minimum pressure during test.....						175		20	
Pressure at conclusion of test.....						175		20	
Pressure change during test (Maximum minus Minimum).....						0		120	
Was pressure change an increase or a decrease?.....						Same		Decrease	
Well closed at (hour, date):				Total Time On Production		24 Hours			
Oil Production		Gas Production							
During Test: 0 bbls; Grav. N/A		During Test: 95		MCF; GOR		N/A			

Remarks

FLOW TEST NO. 2

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

Remarks Upper Zone not produced; no longer connected to sales line.

OPERATOR CERTIFICATE OF COMPLIANCE

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

American Exploration Company

Operator

Signature

Melinda Mayse - Reg. Coordinator

Printed Name

Title

11/11/96

(713) 756-6338

Date

Telephone No.

OIL CONSERVATION DIVISION

Date Approved NOV 20 1996

By

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.