

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Southland Royalty Company Lease Reid Well No. #19
 Location _____
 of Well: Unit B Sec. 18 Twp. 28N Rge. 9W County San Juan
 Type of Prod. _____ Method of Prod. _____ Prod. Medium _____
 (Oil or Gas) (Flow or Art. Lift) (Tbg. or Csg.)

Upper Completion	Blanco Mesaverde	Gas	Flow	Csg.
Lower Completion	Basin Dakota	Gas	Flow	Tbg.

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in	10/20/80	Length of time shut-in	72 Hrs.	SI press. psig	Csg. 540	Stabilized? (Yes or No)
Lower Compl	Hour, date Shut-in	10/20/80	Length of time shut-in	72 Hrs.	SI press. psig	Tbg. 638	Stabilized? (Yes or No)

FLOW TEST NO. 1

Commenced at (hour, date)* 10/23/80				Zone producing (Upper or Lower): Lower	
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
10/21/80		Csg. 279	Tbg. 234		
10/22/80		Csg. 389	Tbg. 397		
10/23/80		Csg. 540	Tbg. 638		
10/24/80	24 Hrs.	Csg. 541	Tbg. 629		
10/25/80	48 Hrs.	Csg. 541	Tbg. 207		

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ Grav. _____ GOR _____
 Gas: _____ MCFPD; Tested thru (Orifice or Meter): _____

MID-TEST SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Lower Compl	Hour, date Shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)

FLOW TEST NO. 2

Commenced at (hour, date)**				Zone producing (Upper or Lower):	
Time (hour, date)	Lapsed time since **	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		

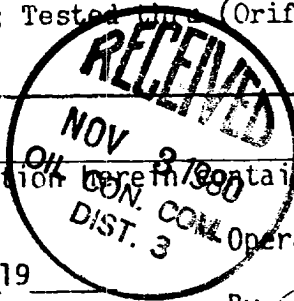
Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ Grav. _____ GOR _____
 Gas: _____ MCFPD; Tested thru (Orifice or Meter): _____

REMARKS: _____

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

Approved: NOV 3 1980 19 _____
 Oil Conservation Division
 Original Signed by CHARLES GHOLSON
 By _____ Title District Field Foreman
 Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date October 29, 1980



NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. The purpose of the packer leakage test is to determine the amount of fluid lost from a well during a specified period of time. The test is conducted by sealing the well with a packer and measuring the pressure in the well at intervals during the test. The test is conducted on a well which is producing fluid at a rate of at least 10 barrels per day. The test is conducted on a well which is producing fluid at a rate of at least 10 barrels per day. The test is conducted on a well which is producing fluid at a rate of at least 10 barrels per day.

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7. Pressures for gas-zone tests must be measured on each zone with a deadweight pressure gauge at time intervals as follows: 1-day tests: immediately prior to the beginning of each flow period, and at 15-minute intervals during the flow period; 3-day tests: immediately prior to the beginning of each flow period, and at 15-minute intervals during the flow period; 7-day tests: immediately prior to the beginning of each flow period, and at 15-minute intervals during the flow period; 14-day tests: immediately prior to the beginning of each flow period, and at 15-minute intervals during the flow period.

8. 14-hour oil zone tests: All pressures, the pressure in the zone, shall be continuously measured and recorded with a recording pressure gauge, the accuracy of which must be checked at least twice, once at the beginning and once at the end of each test, with a standard pressure gauge. If a well is a gas-oil or an oil-oil well, the recording gauge shall be required on the oil zone only, with deadweight pressures as required above being taken on the gas zone.

9. 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 Aztec District Office of the Oil Conservation Division, Northwest New Mexico Packer Leakage Test Form Revised 10-1-78, with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only). A pressure versus time curve for each zone of each test shall be constructed on the reverse side of the Packer Leakage Test Form with all deadweight pressure points taken indicated thereon. For oil zones, the pressure curve should also indicate all key pressure changes which may be reflected by the recording gauge charts. These key pressure changes should also be tabulated in the front of the Packer Leakage Test Form.

