

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Amerada Hess Corp. Lease McKenzie - Federal Well No. 3
Location _____
of Well: Unit 2 Sec. 25 Twp. 25 N Rge. 6 W County De Baca

	Type of Prod.	Method of Prod.	Prod. Medium (Ths. or Cap.)
Upper Completion			
Lower Completion			

PRE-FLOW SHUT-IN PRESSURE DATA			
Upper	Hour, date	Length of time shut-in	SI press. psig
Compl	Shut-in 8-13-74		
Lower	Hour, date	Length of time shut-in	SI press. psig
Compl	Shut-in 8-13-74	120	

FLOW TEST NO. 1				
Commenced at (hour, date)*				
Time (hour, date)	Lapsed time since*	Pressure		Remarks
		Upper Compl.	Lower Compl.	
8-13-74	24	40	0	Leaked zone. Pressure
8-14-74	48	40	0	Leaked zone. Pressure
8-15-74	72	40	0	Leaked zone. Pressure
8-16-74	96	40	0	Leaked zone. Pressure
8-17-74	120	40	0	Leaked zone. Pressure

Production rate during test
Oil: 3 BOPD based on 3 Bbls. in 24 Hrs. Grav. 41 GOR
Gas: MCPPD; Tested thru (Orifice or Meter):

MID-TEST SHUT-IN PRESSURE DATA			
Upper	Hour, date	Length of time shut-in	SI press. psig
Compl	Shut-in		
Lower	Hour, date	Length of time shut-in	SI press. psig
Compl	Shut-in		

FLOW TEST NO. 2				
Commenced at (hour, date)**				
Time (hour, date)	Lapsed time since **	Pressure		Remarks
		Upper Compl.	Lower Compl.	

Production rate during test
Oil: 3 BOPD based on 3 Bbls. in 24 Hrs. Grav. 41 GOR
Gas: MCPPD; Tested thru (Orifice or Meter):

REMARKS: The above test was performed in accordance with O.C.C. Order No. 9-22-60 to Ken Smith and Company.
I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved: SEP 19 1974
New Mexico Oil Conservation Commission
By AK Kendrick
Title Area Superintendent
Date August 30, 1974
Operator Amerada Hess Corporation
By AL Campbell
Title Area Superintendent
Date August 30, 1974

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. Leakage test shall be conducted on each multiply completed well seven days after actual completion of the well and as fully as prescribed by the order authorizing the multiple completion. It shall also be conducted on all wells in production within following completion and on electrical or fracture treatment. The well shall be shut-in as a gas well during which no pressure testing have been discontinued. Tests shall also be made when the completion is suspended or when requested by the District Office.

2. At least 24 hours prior to the completion of a packer leakage test, operator shall notify the Commission in writing of the test. The test is to be conducted. If test operations shall then be completed.

3. The packer leakage test shall cover each zone of the dual completion and shall be for pressure stabilization. Both zones shall remain shut-in until the wellhead pressure has been stabilized, provided that they had not been in shut-in more than seven days.

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. The test shall be continued for seven days in the case of a gas well and 24 hours in the case of an oil well. Note: If, on an initial packer leakage test, a gas well is being flowed to the steps here due to the lack of a pipeline connection the flow period shall be three hours.

5. Following completion of Flow Test No. 1, the well shall again be shut-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 zone which was previously shut-in is produced.

7. Pressures for gas-zone tests shall be measured on each zone with a deadweight pressure gauge at time intervals as follows: 7-hour tests: immediately prior to the beginning of each flow period, at fifteen-minute intervals during the first hour thereof, and at hourly intervals thereafter, including one pressure measurement immediately prior to the conclusion of each flow period. 7-day tests: immediately prior to the beginning of each flow period, at least one time during each flow period (at approximately the midway point) and immediately prior to the conclusion of each flow period. Other pressures may be taken at intervals, or may be requested on wells which have previously shown questionable test data.

8. 24-hour oil zone tests: all pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges. The accuracy of which must be checked at least twice a day at the beginning and once at the end of each test, with a deadweight pressure gauge. If a well is a gas-oil or an oil-gas dual completion, the recording shall be required on the oil zone only, with a deadweight pressure as required above being taken on the gas zone.

9. The results of the above-described tests shall be filed in triplicate within 10 days after completion of the test. Tests shall be filed with the District Office of the New Mexico Oil Conservation Commission on Northwest New Mexico Packer Leakage Test Form Revised 11-1-58, 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 on the front of the Packer Leakage Test Form.

