

NEW MEXICO OIL CONSERVATION COMMISSION  
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Amerada-Hess Corporation			Lease A.G. Falby			Well No. 3	
Location of Well	Unit K	Sec 19	Twp 24-S	Rge 37-E	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	Flowing	Csg.	2"	
Lower Compl	Langlie attix		Oil	Flowing	Tbg.	32/64"	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:00 A.M. 1-12-70

	Upper Completion	Lower Completion
Well opened at (hour, date):	8:00 A.M. 1-13-70	
Indicate by ( X ) the zone producing.....		X
Pressure at beginning of test.....	200	180
Stabilized? (Yes or No).....	No	No
Maximum pressure during test.....	240	180
Minimum pressure during test.....	200	80
Pressure at conclusion of test.....	240	80
Pressure change during test (Maximum minus Minimum).....	40	100
Was pressure change an increase or a decrease?.....	Inc.	Dec.
Well closed at (hour, date): 8:00 A.M. 1-14-70	Total Time On Production 24 hrs.	
Oil Production	Gas Production	
During Test: bbls; Grav. ;	During Test 60,000 MCF; GOR	
Remarks		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date):	8:00 A.M. 1-15-70	
Indicate by ( X ) the zone producing.....	X	
Pressure at beginning of test.....	240	140
Stabilized? (Yes or No).....	No	Yes
Maximum pressure during test.....	240	140
Minimum pressure during test.....	80	140
Pressure at conclusion of test.....	80	140
Pressure change during test (Maximum minus Minimum).....	160	
Was pressure change an increase or a decrease?.....	Dec.	
Well closed at (hour, date): 8:00 A.M. 1-16-70	Total time on Production 24 hrs.	
Oil Production	Gas Production	
During Test: 2.90 bbls; Grav. 33.0 ;	During Test 205 MCF; GOR 70,690	
Remarks		

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

Approved \_\_\_\_\_ 19  
New Mexico Oil Conservation Commission

By \_\_\_\_\_  
Title \_\_\_\_\_

Operator Amerada-Hess Corporation

By B.A. Threse

Title Asst. Dist. Engt.,

Date Jan. 27, 1970

Test No. 1, the well shall again be shut-

5. The test shall be conducted even though no leak was indicated in the previous test. The signature for Flow Test No. 2 is to be the same as the signature for the previous test. The previously produced zone shall remain shut-in until the previously produced zone is produced.

4. All of the gauges used on the entire test, shall be continuously checked for accuracy. Regarding pressure gauges, the accuracy of which was checked with a deadweight tester at least twice, once at the beginning and once at the end of each flow test.

8. The deadweight and pressure described tests shall be filed in triplicate within 15 days of completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Commission on the New Mexico Packer Leakage Test Form Revised 11-1-58, together with the pressure recording gauge charts with all the deadweight readings and pressure were taken indicated thereon. In lieu of filing of the above, the operator may construct a pressure versus time curve indicating the results of the test, indicating thereon all pressure readings and the readings of the gauge charts as well as all deadweight readings and pressure were taken. If the pressure curve is submitted, the pressure recording gauge charts must be permanently filed in the operator's office. The pressure curve must accompany the Packer Leakage Test Form when the test is completed with a gas-oil ratio test period.

1. A packer leakage test shall be commenced on each multiple completed well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such tests 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 Commission.
2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Commission 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 a 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 a minimum of two hours thereafter, provided however, that the flow test need not continue for more than 24 hours.

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