

NEW MEXICO OIL CONSERVATION COMMISSION  
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator <b>Amerada Hess Corporation</b>			Lease <b>V. Laughlin</b>			Well No. <b>1</b>	
Location of Well	Unit <b>D</b>	Sec <b>9</b>	Twp <b>20S</b>	Rge <b>37E</b>	County <b>Lea</b>		
	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	<b>Penrose Gas</b>		<b>Gas</b>	<b>Flow</b>	<b>Csg.</b>	<b>2"</b>	
Lower Compl	<b>Grayburg - San Andres</b>		<b>Oil</b>	<b>Pump</b>	<b>Tbg.</b>	<b>2"</b>	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:00 A.M., 6-7-71

Well opened at (hour, date): 8:00 A.M., 6-8-71

	Upper Completion	Lower Completion
Indicate by ( X ) the zone producing.....		<b>X</b>
Pressure at beginning of test.....	<b>630</b>	<b>30</b>
Stabilized? (Yes or No).....	<b>Yes</b>	<b>No</b>
Maximum pressure during test.....	<b>640</b>	<b>35</b>
Minimum pressure during test.....	<b>640</b>	<b>20</b>
Pressure at conclusion of test.....	<b>640</b>	<b>35</b>
Pressure change during test (Maximum minus Minimum).....	<b>0</b>	<b>15</b>
Was pressure change an increase or a decrease?.....	<b>None</b>	<b>Decrease</b>
Well closed at (hour, date): <u>8:00 A.M., 6-9-71</u>	Total Time On Production <b>24 Hours</b>	
Oil Production During Test: <u>6</u> bbls; Grav. <u>32.0°</u> ;	Gas Production During Test <u>21.65</u> MCF; GOR <u>3,608</u>	
Remarks _____		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>8:00 A.M., 6-10-71</u>		
Indicate by ( X ) the zone producing.....	<b>X</b>	
Pressure at beginning of test.....	<b>640</b>	<b>5</b>
Stabilized? (Yes or No).....	<b>Yes</b>	<b>No</b>
Maximum pressure during test.....	<b>345</b>	<b>5</b>
Minimum pressure during test.....	<b>330</b>	<b>5</b>
Pressure at conclusion of test.....	<b>330</b>	<b>5</b>
Pressure change during test (Maximum minus Minimum).....	<b>15</b>	<b>0</b>
Was pressure change an increase or a decrease?.....	<b>Decrease</b>	<b>--</b>
Well closed at (hour, date) <u>8:00 A.M., 6-11-71</u>	Total time on Production <b>24 Hours</b>	
Oil Production During Test: <u>--</u> bbls; Grav. <u>--</u> ;	Gas Production During Test <u>2400</u> MCF; GOR <u>--</u>	
Remarks _____		

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

Approved JUN 24 1971 19 \_\_\_\_\_  
New Mexico Oil Conservation Commission

Operator Amerada Hess Corporation

By [Signature]

Title Area Superintendent

Date June 14, 1971

By [Signature]  
Title OIL & GAS INSPECTOR

2. At least 24 hours prior to the case, and daily packed leakage test, the operator shall notify the Commission, writing it, by exact time the test is to be commenced. A fleet operator shall also be so notified.

3. The packer leakage test shall commence after 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 zone is stabilized and for a minimum of two hours thereafter, provided that the well-head need not remain shut-in more than 48 hours.

4. For Flow test No. 1, one zone of the tail section shall be produced at the normal rate of production for a period of 100 hours. Such test shall be continued until the tail section has become stabilized and the change of two consecutive tests is provided lower, that the flow test rate not continue for a longer period.

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 a 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 Commission on Southeast New Mexico Packer Leakage Test Form Revised 11-58, 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 for 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.

[illegible]