

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Amerada Hess Corporation			Lease State W E "E"			Well No. 1	
Location of Well	Unit K	Sec 13	Twp 21	Rge 35	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	Eumont		Gas	Flow	Csg.	Open	
Lower Compl	Eumont		Oil	Pump	Tbg.	Open	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 A.M., 5-17-71

Well opened at (hour, date): 9:00 A.M., 5-18-71

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	160	30
Stabilized? (Yes or No).....	Yes	No
Maximum pressure during test.....	160	30
Minimum pressure during test.....	160	0
Pressure at conclusion of test.....	180	0
Pressure change during test (Maximum minus Minimum).....	20	30
Was pressure change an increase or a decrease?.....	Increase	Decrease
Well closed at (hour, date): <u>9:00 A.M., 5-19-71</u>	Total Time On Production 24 Hours	
Oil Production During Test: <u>3.20</u> bbls; Grav. <u>--32.5</u>	Gas Production During Test <u>8.55</u> MCF; GOR 2,673	
Remarks _____		

FLOW TEST NO. 2

Well opened at (hour, date): 11:00 A.M., 5-20-71

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	180	20
Stabilized? (Yes or No).....	Yes	No
Maximum pressure during test.....	120	40
Minimum pressure during test.....	100	20
Pressure at conclusion of test.....	100	40
Pressure change during test (Maximum minus Minimum).....	20	20
Was pressure change an increase or a decrease?.....	Decrease	Increase
Well closed at (hour, date): <u>11:00 A.M., 5-21-71</u>	Total time on Production 24 Hours	
Oil Production During Test: <u>0</u> bbls; Grav. <u>--</u>	Gas Production During Test <u>78</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 MAY 28 1971 19
New Mexico Oil Conservation Commission

By Jesie A. Clements
Title Oil & Gas Inspector

Operator AMERADA HESS CORPORATION

By [Signature]
Title Area Superintendent

Date May 24, 1971

SOUTHEAST NEW MEXICO IN THE EARLY 1900S: AN INSTRUCTIONS

1. A packer leakage test shall commence when both zones of the dual completion are wellbore shut-in, and shall be completed well within seven days after completion of the well and annually thereafter as prescribed by the Commission until the well is complete. Such tests shall also be commenced at a minimum of three days within seven days following recompletion and or alteration of the zone 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 stabilized zone tests. 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 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 and the other zone shall be wellbore shut-in. Such test shall be continued until the well-head 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.
5. In accordance with Paragraph 1 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 11-1-58, 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.

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