

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Amerada Hess Corp. Lease McKenzie Federal Well No. 1
Location of Well: Unit M Sec. 25 Twp. 25N Rge. 6W County Rio Arriba
Type of Prod. (Oil or Gas) Oil Method of Prod. (Flow or Art. Lift) GAS LIFT Prod. Medium (Tbg. or Csg.) Tbg.
Name of Reservoir or Pool Dakota

Upper Completion	<u>Gallup</u>	<u>Oil</u>	<u>GAS LIFT</u>	<u>Tbg.</u>
Lower Completion	<u>Dakota</u>	<u>GAS</u>	<u>Flowing</u>	<u>Tbg.</u>

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in <u>Producing</u>	Length of time shut-in <u>-</u>	SI press. psig <u>-</u>	Stabilized? (Yes or No) <u>-</u>
Lower Compl	Hour, date Shut-in <u>9AM 8-12-74</u>	Length of time shut-in <u>12.0 hrs.</u>	SI press. psig <u>496</u>	Stabilized? (Yes or No) <u>no</u>

FLOW TEST NO. 1

Commenced at (hour, date)*				Zone producing (Upper or Lower):	
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
<u>9AM 8-13-74</u>	<u>24</u>	<u>40</u>	<u>483</u>		<u>Gallup zone producing</u>
<u>8-14-74</u>	<u>48</u>	<u>40</u>	<u>489</u>		<u>by gas lift - pressures</u>
<u>8-15-74</u>	<u>72</u>	<u>40</u>	<u>492</u>		<u>taken after intermitter</u>
<u>8-16-74</u>	<u>96</u>	<u>40</u>	<u>495</u>		<u>opened & T.P. was normal.</u>
<u>8-17-74</u>	<u>120</u>	<u>40</u>	<u>496</u>		

Production rate during test
Oil: 4 BOPD based on 4 Bbls. in 24 Hrs. Grav. 41 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

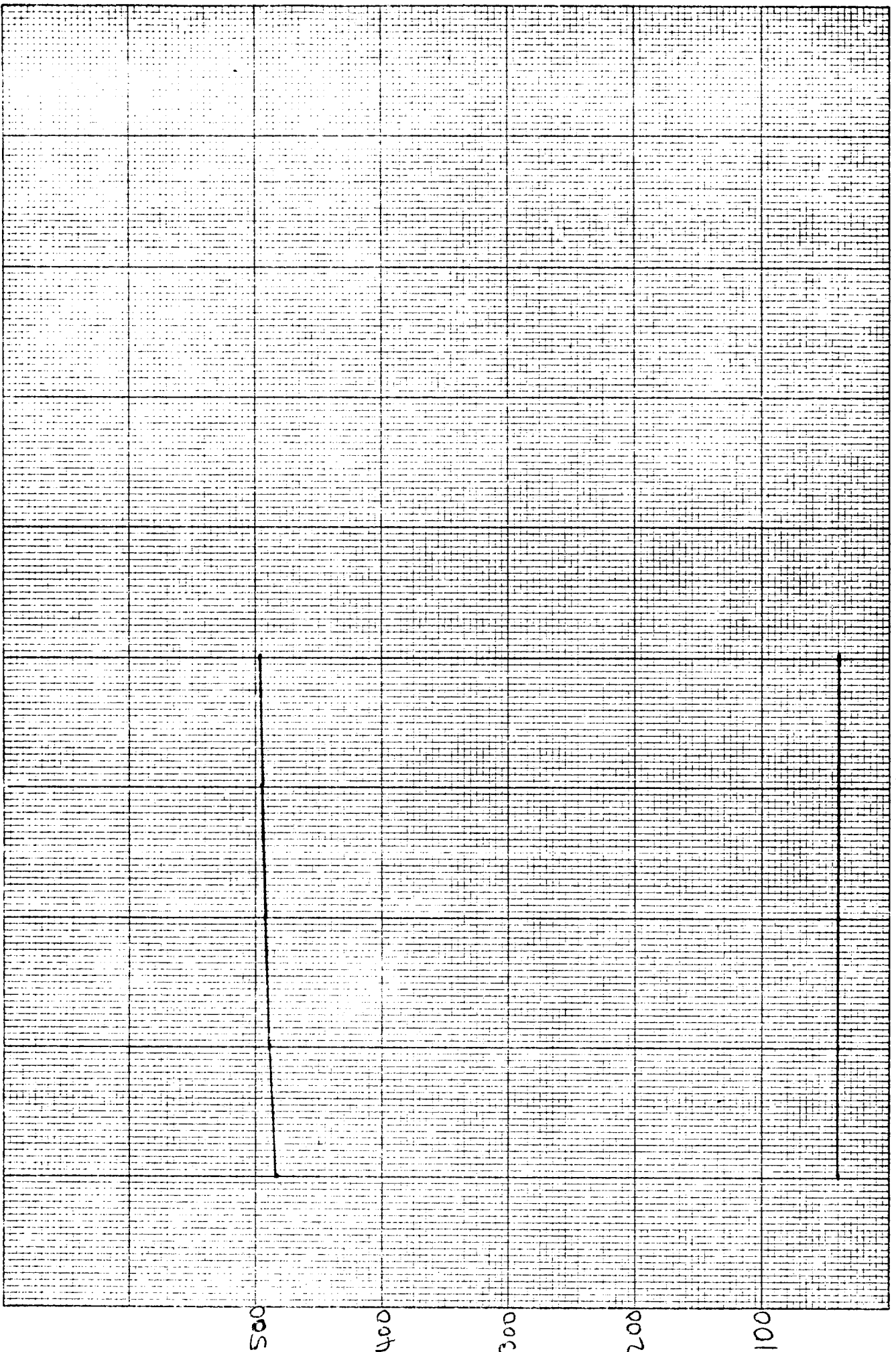
Commenced at (hour, date)**				Zone producing (Upper or Lower):	
Time (hour, date)	Lapsed time since **	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		

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

REMARKS: the above test was performed in accordance w/ O.C.C. letter dated 9-29-60 to Kern County Land Company

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

SEP 16 1974
Approved: 19
New Mexico Oil Conservation Commission
By AK Kendrick
Title PERMITS ENGINEER DIST. NO. 3
Operator Amerada Hess Corporation
By CL Baughman
Title Area Superintendent
Date August 30, 1974



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 within 48 hours 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, provided, however, that they need not remain shut-in more than seven days.

4. For Flow Test No. 1, one zone of the dual completed shall be produced at the normal rate of production while the other zone remains shut-in. Such test shall be continued for seven days in the case of a gas well and for 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 atmosphere 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, 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. The results of the above-described tests shall be filed in triplicate within 15 days after completion of the tests. Tests shall be filed with the Active District Office of the New Mexico Oil Conservation Commission or the District Office of the New Mexico Oil Conservation Commission. The Active District Office shall be filed with the District Office of the New Mexico Oil Conservation Commission. The District Office shall be filed with the District Office of the New Mexico Oil Conservation Commission. The District Office shall be filed with the District Office of the New Mexico Oil Conservation Commission.

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