

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Tenneco Oil Company Lease Barger Well No. 5
Location of Well: Unit 0 Sec. 14 Twp. 26 N Age. 11 W County _____

Name of Reservoir or Pool		Type of Prod. (Oil or Gas)	Method of Prod. (Flow or Art. Lift)	Prod. Medium (Tbg. or Csg.)
Upper Completion	<u>Gallup</u>	<u>Oil</u>	<u>Flow</u>	<u>Tubing</u>
Lower Completion	<u>Dakota</u>	<u>Gas</u>	<u>Flow</u>	<u>Tubing</u>

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in <u>8-31</u>	Length of time shut-in <u>7 days</u>	SI press. psig <u>522</u>	Stabilized? (Yes or No)
Lower Compl	Hour, date Shut-in <u>8-31</u>	Length of time shut-in <u>7 days</u>	SI press. psig <u>777</u>	Stabilized? (Yes or No)

FLOW TEST NO. 1

Commenced at (hour, date)* <u>10:15 9-7-65</u>		Pressure <u>9-7-65</u>		Zone producing (Upper or Lower): <u>Upper</u>	
Time (hour, date)	Lapsed time since*	Upper Compl.	Lower Compl.	Prod. Zone Temp.	Remarks
<u>10:15 9-7</u>		<u>522</u>	<u>777</u>		
<u>10:15 9-11</u>	<u>96 hrs</u>	<u>537</u>	<u>478</u>		
<u>10:15 9-14</u>	<u>168 hrs</u>	<u>547</u>	<u>440</u>		

Production rate during test

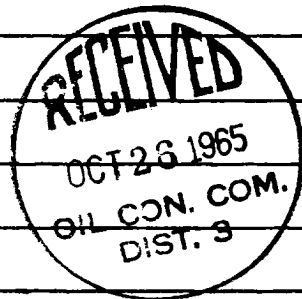
Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ Grav. _____ GOR _____
Gas: _____ MCFPD; Tested thru (Orifice or Meter): _____

MID-TEST SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in <u>8-31-65</u>	Length of time shut-in <u>21 Days</u>	SI press. psig <u>570</u>	Stabilized? (Yes or No)
Lower Compl	Hour, date Shut-in <u>10:15 9-14-65</u>	Length of time shut-in <u>7 days</u>	SI press. psig <u>789</u>	Stabilized? (Yes or No)

FLOW TEST NO. 2

Commenced at (hour, date)** <u>10:15 9-21-65</u>		Pressure <u>9-21-65</u>		Zone producing (Upper or Lower): <u>Upper</u>	
Time (hour, date)	Lapsed time since **	Upper Compl.	Lower Compl.	Prod. Zone Temp.	Remarks
<u>10:15 9-21</u>		<u>570</u>	<u>789</u>		
<u>10:15 9-24</u>	<u>72 hrs</u>	<u>400</u>	<u>800</u>		
<u>10:15 9-28</u>	<u>168 hrs</u>	<u>76</u>	<u>819</u>		



Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ Grav. _____ GOR _____
Gas: _____ MCFPD; Tested thru (Orifice or Meter): _____

REMARKS: _____

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

Approved: 10-26-1965
New Mexico Oil Conservation Commission

By W. H. Hendrick

Title PETROLEUM ENGINEER DIST NO. 3

Operator Tenneco Oil Company

By J. H. Massey J. H. Massey

Title District Production Engineer

Date October 22, 1965

1. A packer leakage test shall be completed within seven days after the completion of the well thereafter as prescribed in Paragraph 1. Such tests shall also be required within seven days following completion and whenever remedial work is done on the tubing have been installed so that communication is suspended.
2. At least 12 hours prior to the test the operator shall shut-in the well. The test is to be completed within 24 hours.
3. The packer leakage test after completion are shut-in for purposes of main shut-in until the well is ready to be produced, however, that they need not be shut-in.
4. For Flow Test No. 1, the zone shall be at the normal rate of production for 24 hours. Such test shall be continued until the zone is produced for 24 hours in the case of a zone test. For a leakage test, a gas well is shut-in for 24 hours after the completion of a pipeline connection to the pipeline.
5. Following completion of Flow Test No. 1, in accordance with Paragraph 4, the well shall be shut-in, in accordance with Paragraph 1.
6. Flow Test No. 2 shall be completed within 24 hours after completion of Flow Test No. 1. Production shall be at the normal rate of production for 24 hours as for Flow Test No. 1 except that the well shall be shut-in while the zone is produced.

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