

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Supron Energy Corp. Lease Quinn Well No. 4-A
Location of Well: Unit I Sec. 19 Twp. 31N Rge. 8W County San Juan
Type of Prod. Method of Prod. Prod. Medium
Name of Reservoir or Pool (Oil or Gas) (Flow or Art. Lift) (Tbg. or Csg.)

Upper Completion	<u>Blanco Mesaverde</u>	<u>Gas</u>	<u>Flow</u>	<u>Tubing</u>
Lower Completion	<u>Basin Dakota</u>	<u>Gas</u>	<u>Flow</u>	<u>Tubing</u>

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date <u>9:00 A.M.</u>	Length of time shut-in <u>7 Days</u>	SI press. psig <u>594</u>	Stabilized? (Yes or No) <u>Yes</u>
Lower Compl	Hour, date <u>9:00 A.M.</u>	Length of time shut-in <u>7 Days</u>	SI press. psig <u>606</u>	Stabilized? (Yes or No) <u>Yes</u>

FLOW TEST NO. 1

Commenced at (hour, date)* 9:30 A.M. 12/5/80 Zone producing (Upper or Lower): Upper

Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
<u>9:30 A.M. 12/5/80</u>	<u>- 0 -</u>	<u>594</u>	<u>606</u>		
<u>9:45 A.M. 12/5/80</u>	<u>15 Min.</u>	<u>105</u>	<u>607</u>	<u>64°</u>	
<u>10:00 A.M. 12/5/80</u>	<u>30 Min.</u>	<u>92</u>	<u>608</u>	<u>62°</u>	
<u>10:15 A.M. 12/5/80</u>	<u>45 Min.</u>	<u>77</u>	<u>608</u>	<u>56°</u>	
<u>10:30 A.M. 12/5/80</u>	<u>1 Hour</u>	<u>91</u>	<u>608</u>	<u>55°</u>	
<u>12:30 P.M. 12/5/80</u>	<u>3 Hours</u>	<u>82</u>	<u>608</u>	<u>57°</u>	

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. Grav. _____ GOR _____
Gas: 1120 MCFPD; Tested thru (Orifice or Meter): Orifice

MID-TEST SHUT-IN PRESSURE DATA

Upper Compl	Hour, date <u>12:30 P.M.</u>	Length of time shut-in <u>7 Days</u>	SI press. psig <u>595</u>	Stabilized? (Yes or No) <u>Yes</u>
Lower Compl	Hour, date <u>9:00 A.M.</u>	Length of time shut-in <u>14 Days</u>	SI press. psig <u>612</u>	Stabilized? (Yes or No) <u>Yes</u>

FLOW TEST NO. 2

Commenced at (hour, date)** 9:15 A.M. 12/12/80 Zone producing (Upper or Lower): Lower

Time (hour, date)	Lapsed time since **	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
<u>9:15 A.M. 12/12/80</u>	<u>- 0 -</u>	<u>595</u>	<u>612</u>		
<u>9:30 A.M. 12/12/80</u>	<u>15 Min.</u>	<u>595</u>	<u>11</u>		
<u>9:45 A.M. 12/12/80</u>	<u>30 Min.</u>	<u>595</u>	<u>- 0 -</u>		
<u>10:00 A.M. 12/12/80</u>	<u>45 Min.</u>	<u>595</u>	<u>- 0 -</u>		
<u>10:15 A.M. 12/12/80</u>	<u>1 Hour</u>	<u>595</u>	<u>- 0 -</u>		
<u>12:15 P.M. 12/12/80</u>	<u>3 Hours</u>	<u>595</u>	<u>- 0 -</u>		

Production rate during test

Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. Grav. _____ GOR _____
Gas: - 0 - MCFPD; Tested thru (Orifice or Meter): Orifice

REMARKS: _____

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

Approved: DEC 29 1980 19
Oil Conservation Division
Original Signed by CHARLES GHOLSON
By _____
Title DEPUTY OIL & GAS INSPECTOR, DIST. #3

Operator Supron Energy Corp.
By Kenneth E. Reddy
Title Production Supt.
Date 12/23/80

[illegible]

Both of the above zones shall be stabilized. Both zones shall remain at the same pressure in each has stabilized, provided the pressure is not lower than or more than seven days.

1. The well shall again be shut in.

It is noted that the shell is identical even though no leak was indicated in the test. It is noted that the shell for Block Test No. 3 is to be the same as the shell for Block Test No. 2. It is noted that the previously produced cone shall not be used if the cone was previously shut-in or produced.

24-hour oil zone tests: All pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges. The accuracy of which must be checked at least twice, once at beginning and once at the end of each test, with a deadweight pressure gauge. If a well is a gas-oil or an oil-gas well, in addition, a recording gauge shall be required on the oil zone (only, with deadweight pressure) as required above being taken on the gas zone.

5. The results of the above-described tests shall be listed in tabular form within 15 days after completion of the test. Tests shall be run in accordance with the Aztec District Office of the Oil Conservation Laws and the Northwest New Mexico Backer Leakage Test Form Revised 10-1-76, with all deadweight pressures indicated thereon as well as the flowing temperature (oil zones only) and gravity and GOR (oil zones only). A pressure-volume curve for each zone of each test shall be constructed at the reverse side of the Backer Leakage Test Form with all deadweight pressure points thereon indicated thereon. For oil zones, the pressure curve should be indicated on all key pressure changes which may be reflected in the temperature-volume charts. These key pressure changes should also be tabulated on the front of the Backer Leakage Test Form.

