

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator	El Paso Natural Gas Company						Lease	Warren	Well No.	#4
Location of Well:	Unit	H	Sec.	14	Twp.	28	Rge.	9	County	San Juan

	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	PC	Gas	Flow	Tbg.
Lower Completion	MV	Gas	Flow	Tbg.

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in 4-3-83	Length of time shut-in 3 Days	SI press. psig 275	Stabilized? (Yes=or No)
Lower Compl	Hour, date Shut-in 4-3-83	Length of time shut-in 3 Days	SI press. psig 395	Stabilized? (Yes=or No)

FLOW TEST NO. 1

Commenced at (hour, date)*		Pressure		Prod. Zone	Remarks
Time (hour, date)	Lapsed time since*	Upper Compl.	Lower Compl.	Tempo.	
4-4-83	1 Day	265	390		
4-5-83	2 Days	274	391		
4-6-83	3 Days	275	395		
4-7-83	1 Day	275	282		
4-8-83	2 Days	275	288		

Production rate during test
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%

Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ Grav. _____ GOR _____
Gas: 219 MCFPD; Tested thru ~~(Griffice~~ 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

[illegible]

Production rate during test

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

REMARKS: _____

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

Approved: _____
Oil Conservation Division

Operator El Paso Natural Gas Company

By

Title

Date _____

April 11, 1983

DEPUTY OIL & GAS INSPECTOR, DIST. #3

DEPUTY OIL & GAS INSPECTOR, DIST. #3

PART TEST NEW MEXICO PROBE: LEADERS' TEST INSTRUCTIONS

[illegible]

1. At least 72 hours prior to the commencement of any packer leakage test, the packer will notify the Division of the start of the exact time the test is to be commenced. Offset operators shall also be so notified.

1. The backer board test shall be done after both zones of the dual
2. The backer board shall be in for pressure stabilization. Both zones shall re-
3. The backer board shall be in for pressure stabilization. Both zones shall re-
4. The backer board shall be in for pressure stabilization. Both zones shall re-

4. If a low test No. 1, one zone of the dual completion shall be produced at the normal rate of production while the other zone remains shut-in. The test shall be continued for seven days in the case of a gas well and three hours in the case of an oil well. After it, an initial packer leakage test, a gas well is being flowed to the atmosphere due to the lack of a surface connection the flow period shall be three hours.

1. Upon completion of Flow Test No. 1, the well shall again be shut-in in accordance with Paragraph 3 above.

At No. 3 shall be conducted even though no leak was indicated by 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 not be pumped into the zone which was proved all shut-in is produced.

[illegible]

14-hour oil test in the oil service, throughout the oil test, shall be continuing to be maintained in accordance with recording the air pressures, the accuracy of which must be checked at least twice, once at the beginning and once at the end of the test, with a deadweight pressure gauge. As well as the recording of pressures, a comparison of recorded air usage shall be required at the oil test only, with maximum pressures as required above and below the test time.

4. The results of the above-described tests shall be filed in triplicate within 10 days after the completion of the tests. Tests shall be filed with the Astor District Engineer and the District Engineer, Division of Northwest New Mexico Reclamation, Post Office Building 10-1-75, with 11 poundweight pressures indicated thereon as well as the following temperatures in zones only and gravity in the test zones only. A pressure versus time curve for each zone of each test shall be constructed and the reverse side of the Dicker Leakage Test card with all bearing pressure points taken indicated thereon. The following pressure curve should also indicate all key pressure points and shall be indicated by the test engineer's charts. These charts and test results shall also be tabulated on the front of the Dicker Leakage Test card.

