

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Continental Oil Company Lease AXI Apache "K" No. 2
Location
of Well: Unit B Sec. 4 Twp. 26N Rge. 5W County Rio Arriba

[illegible]

	Name of Reservoir or Pool	Oil or Gas	Flow or Meter Data	Depth of Well
Upper Completion	South Blanco P C	Gas	Flow	Casing
Lower Completion	Blanco M V	Gas	Flow	Tubing

PRE-FLOW SHUT-IN PRESSURE DATA

Upper	Hour, date	9:00 AM	Length of	SI press.	Stabilized?
Compl	Shut-in	7-7-70	time shut-in 72 Hrs.	psig 570	(Yes or No) No
Lower	Hour, date	9:00 AM	Length of	SI press.	Stabilized?
Compl	Shut-in	7-7-70	time shut-in 72 Hrs.	psig 788	(Yes or No) No

FLOW TEST NO. 1

Commenced at (hour, date)*		Pressure		Prod. Zone	Remarks
Time (hour, date)	Lapsed time since*	Upper Compl.	Lower Compl.	Temp.	
9:00 AM 7-7-70	-	467	748		Before S-I
9:00 AM 7-8-70	-	528	767		24 Hrs. After S-I
9:00 AM 7-9-70	-	554	780		48 Hrs. After S-I
1:00 PM 7-10-70	4 Hrs.	572	598		
9:00 AM 7-11-70	24 Hrs.	591	430		

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: 325 MCFPD; Tested thru (Orifice or Meter): Meter

MID-TEST SHUT-IN PRESSURE DATA

Mid-test Shut-in Pressure Data				
Upper	Hour, date	Length of	SI press.	Stabilized?
Compl	Shut-in	time shut-in	psig	(Yes or No)
Lower	Hour, date	Length of	SI press.	Stabilized?
Compl	Shut-in	time shut-in	psig	(Yes or No)

FLOW TEST NO. 2

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

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OIL CON COM

DIST. 3

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

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: 8-31 1970
New Mexico Oil Conservation Commission

By A. R. Kindrich

Title PETROLEUM ENGINEER DIST. NO. 3

Operator CONTINENTAL OIL COMPANY

By Ernest N. Wilson

Title Administrative Supervisor

Date 8-27-70

Pressures for gas zone tests will be measured on each zone with a 14-inch-gauge pressure gauge at the intervals as follows: 3-hour tests: immediately prior to the beginning of each flow period; at fifteen-minute intervals during the first hour; and at hourly intervals thereafter, including one pressure measurement immediately prior to the conclusion of each test; 6-hour tests: immediately prior to the beginning of each flow period; at least one during each flow period at approximately the midway point; and immediately prior to the conclusion of each flow period. Other pressures may be taken as desired, or may be decided in advance the date of the day must not include test data.

1. A packer leakage test shall be commenced as soon as possible, but not later than 72 hours after the completion of the well within seven days after actual completion of the well. Thereafter as prescribed by the order of the Department. Such tests shall also be commenced immediately upon completion of seven days following recompletion and if the well is shut-in and whenever remedial work has been done on a well, or the tubing have been disturbed. The test shall be conducted if that communication is suspected of having occurred.
2. At least 72 hours prior to the commencement of the packer test the operator shall notify the Commission of the date on which the test is to be commenced. If the operator fails to do so, the test shall not be conducted.
3. The packer leakage test shall be conducted as follows: After completion is shut-in for pressure build-up, the well shall be on main shut-in until the well-head pressure has stabilized. However, if they need not remain shut-in.
4. For Flow Test No. 1, the zone of the well to be tested shall be at the normal rate of production, but the well shall be shut-in. Such test shall be continued for seven days. If the well is shut-in for 24 hours in the case of an oil well, or 48 hours in the case of a gas well, a gas well is being flowed, the test shall be conducted. The test of a pipeline connection the flow rate shall be maintained.
5. Following completion of Flow Test No. 1, the well shall be shut-in, in accordance with Paragraph 3 above.
6. Flow Test No. 2 shall be conducted as follows: The well shall be shut-in during Flow Test No. 1. Procedure to be followed for Flow Test No. 1 except that the well shall be on main shut-in while the zone which was produced.

Viscous oil zone tests at pressures throughout the "oil test" shall be conducted. Tests at 2000 psi shall be conducted only at the beginning of the "oil test" and at the end of each test, with a "lead-off" test stage. If a well is in gas-out or an oil-gas dual completion, the recording shall be continued until gas flow ceases or the casing pressure is required above the wellhead and the well is closed.

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