

STATE OF NEW MEXICO
ENERGY and MINERALS DEPARTMENT

This form is not to
be used for reporting
packer leakage tests
in Southeast New Mexico

OIL CONSERVATION DIVISION

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OIL CON. DIV. 1
DIST. 3 Well No. 2

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Revised 10/01/78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator S. E. R. H., Inc. Lease Navajo 5
Location of Well: Unit L Sec. 5 Twp. 26 North Rge. 19 West 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 Ceg.)
Upper Completion	Organ Rock - Big Gap	Helium & other inert gasses	Flow	Tubing
Lower Completion	Mississippian - Beautiful Mtn.	Same	Flow	Tubing

* PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in 4:45 P 11-24-86	Length of time shut-in 96 hrs.	SI press. psig 1207	Stabilized? (Yes or No) Yes
Lower Completion	Hour, date shut-in Approx. 10-1-86	Length of time shut-in 56 days (Zone dead)	SI press. psig 0	Stabilized? (Yes or No) --

* Lower Mississippi zone will not produce - Logged off with fluid?
FLOW TEST NO. 1

Commenced at (hour, date)* 9:45 A 11-19-86				Zone producing (Upper or Lower): Upper	
TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE		PROD. ZONE TEMP.	REMARKS
		Upper Completion	Lower Completion		
9:45A 11/19	Producing to sales	634	0	?	Run special flow test Lower zone dead
4:37P 11/19	6 hr. +	124	0	?	Testing upper zone to atmosphere
4:45P 11/24	5 days	675	0		Flow to sales. shut-in for buildup.

Production rate during test

Oil: 0 BOPD based on Test 0 Bbls. in 0 Hours. x Grav. x GOR x

Gas: 601 MCFPD; Tested thru (Orifice or Meter): 2"x1/2" CFP

MID-TEST SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in 4:45P 11/24/86	Length of time shut-in 96 hrs.	SI press. psig 1207	Stabilized? (Yes or No) Yes
Lower Completion	Hour, date shut-in Zone dead	Length of time shut-in	SI press. psig 0	Stabilized? (Yes or No) ?

(Continue on reverse side)

Mississippian zone is dead. 0 pressure on tubing. Unable to continue test.

[illegible]

Production rate during test

!!O

BOPD based on

Bbls. in

Hours.

Gray.

GOR

Gas

I

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

New Mexico Oil Conservation Division

Original Signed by CHARLES GHOLSON

By

DEPUTY CH. & GAS INSPECTOR, DIST. #3

Tide

Date _____

December 3, 1986

By -

JOHN W. HELLER

Operator

~~S. F. B. Smith, Inc.~~

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

that the previously produced zone shall remain shut-in while the zone which was previously shut-in is produced.

1. A packet leakage test shall be commenced on each multiply completed well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracturing treatment, and whenever remedial work has been done on a well during which the packer or the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Division.
2. At least 72 hours prior to the commencement of any packet leakage test, the operator shall notify the Division in writing of the exact time the test is to be commenced. Offset operators shall also be so notified.
3. The packet leakage test shall commence when both zones 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 completion 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 packet 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, if necessary, the well shall be shut-in for 24 hours.