STATE OF NEW MEXICO

OIL CONSERVATION DIVISION

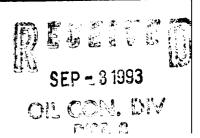
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This form is not to be used for reporting packer leakage tests in Southeast New Mexico

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

	_		T. ()	,— W	Zell ,
Operator Menid	iam Oil In	Lease	Jicarill		0
Location of Well: Unit Sec	17 Twp. 26	() Rge	4 W	County 1	lio Arriba
NAME OF F		TYPE OF PROD. METHOD OF (Oil or Gas) (Flow or As		PROD. MEDIUM (Tbg. or Cag.)	
completion Picturea Chiffs		Gas		Flour II	
completion Mesavende - Dakota		Gas	Flour		Toc
PRE-FLOW SHUT-IN PRESSURE DATA					
John John Samulan Langth of time shutan SI press, paig Stabilized? (Yes or No)					
Lower Hour, date shut-in Length of time shut-in		ut-in	SI press. paig		ed? (Yes or No)
- Oneman :					
FLOW TEST NO. 1 Commenced at (hour, date) # \$ -25-93 Zone producing (Upper or Lower): Upper					
TIME LAPSED 1	TIME	SSURE Lower Completion	PROD. ZONE TEMP.	REMARKS	
8-23-93	448	68		Floured	PC zone.
8-24-93	454	(.8		Messure	ac-Pakota
8-26-93	466	68		zones to	mponarily
8-26-93	392	48		akando	ncd.
8-27-93	354	68			
Production rate during test					
Oil:BOPD based onBbls. inHoursGravGOR					
Gas: MCFPD; Tested thru (Orifice or Meter):					
MID-TEST SHUT-IN PRESSURE DATA					
Upper Hour, date shut-in Length of time shut-in			Si press. psig		red? (Yes or No)
Completion Lower Hour, date shut-in	Lower Hour, date shut-in Length of time shut-in		Si press. pelg		zed? (Yes or No)
Completion			<u> </u>		

(Continue on reverse side)



FLOW TEST NO. 2 Commenced at (hour, date) ## Zone producing (Upper or Lower): PRESSURE TIME LAPSED TIME PROD. ZONE REMARKS (hour, date) SINCE ** **Upper Completion** Lower Completion TEMP Production rate during test Oil: ______BOPD based on _____Bbls. in ____Hours. ____Grav. ____GOR ____ 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. Operator Meridian Oil Approved_ _____ 19 ____ New Mexico Oil Conservation Division SUSAN DOLAN OPERATIONS ASSISTANT

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

Title _____

Date ______

1. A packer 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 fracture treatment, and whenever remedial work has been done on a well during which the packer or the tubing have been distributed. Tests shall also be taken at any time that communication is suspected or when requested by the Division.

Title DEPUTY OIL & GAS INSPECTOR, DIST. #3

By ____

Original Signed by CHARLES GHOLSON

- At least 72 hours prior to the commencement of any packer 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 packer 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 were 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 packer 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 Ten No. 1. Procedure for Flow Ten No. 2 is to be the same as for Flow Ten No. 1 except

- that the previously produced zone shall remain shut-in while the zone which was previously shut-in is produced.
- 7. Pressures for gas-zone tests must be measured on each zone with a deadweight pressure gauge at time intervals as follows: 3 hours tests: immediately prior to the beginning of each flow-period, at fifteen-minute intervals during the first hour thereof, and at hourly intervals thereafter, including one pressure measurement immediately prior to the conclusion of each flow period. 7-day tests: immediately prior to the beginning of each flow period, at least one time during each flow period (at approximately the midway pount) and immediately prior to the conclusion of each flow period. Other pressures may be taken as desired, or may be requested on wells which have previously shown questionable test data.

24-hour oil zone testa: 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 the 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 dual completion, the recording gauge shall be required on the oil zone only, with deadweight pressures as required above being taken on the gas zone.

8. The results of the above-described tests shall be filed in triplicate within 13 days after completion of the test. Tests shall be filed with the Aztec District Office of the New Mexico Oil Conservation Division on Northwest New Mexico Packer Leakage Test Form Revised 10-01-78 with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).