MAY 2003

STATE OF NEW MEXICO ENERCY and MINERALS DEPARTMENT

## 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

perator B	URLINGTON RESOUR	RCES OIL & GAS CO.	Lease MCCORD	No. 6E				
ocation f Well:	Unit P Sect	09 Twp. 030N	I Rge. 013W	County SAN JUAN				
,		OF RESERVOIR OR POOL	TYPE OF PROD. (Oil or Gas)	METHOD OF PROD. (Flow or Art. Lift)	PROD. MEDIUN (Tbg. or Csg.)			
Upper Completion	GALLUP		Gas	Flow	Casing			
Lower Completion	DAKOTA		Gas	Flow	Tubing			
			SHUT-IN PRESSURE DATA					
Upper Completion	Hour, date shut-in 04/12/2002	Length of time shut-in 96 Hours	SI press. psig	Stabilized? (Yes or No)				
Lowe Completion	04/12/2002	144 Hours	444					
			OW TEST NO. 1					
	at (hour.date)*	04/16/2002			PER			
TIMI	LAPSED TIME	PRESSURE		PROD. ZONE				
(hour.date)	SINCE*	Upper Completion Low	er Completion TEMP	REM.	ARKS			
04/17/2002	120 Hours	283	447	turned on gl				
04/18/2002	144 Hours	281	453					
				<u> </u>				
roduction rate	e during test							
iil 	BOPD based o	n Bbls. in	Hours.	Grav.	GOR			
ias:		MCFPD: Tested thru (Orifice	or Meter):					
			SHUT-IN PRESSURE DATA					
Upper Completion	Hour. date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Ye	es or No)			
Lower Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yo	es or No)			
251901 387	(Continue on reverse side)							

## FLOW TEST NO. 2

Commenced at (hour, date)**					Zone producing (Upper or Lower):			
TIME (hour, date)	LAPSED TIME SINCE **	PRESSURE		PROD. ZONE TEMP.		REMARKS		
(Hour, date)	Silvot	Upper Completion	Lower Completi	on	TEWF.			
	L							
Production rate du	ring test							
(Xile	D.	ADD board an	Dhle is		Llaure	Grav GOR		
OII.	BC	or to based on	DUIS. II		110015	GravGOR		
Gas:		MCFPI	D: Tested thru (	Orifice or	Meter):			
Romarke								
icemarks.			*· •	<del>.</del>				
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Approved	TIAL -	<u>2 2002                                 </u>	9	Opera	tor Burling	ton Resources		
New Mexico O	il Conservation Div	sion		D <sub>1</sub> .	Volaro	Praco		
CPA	dari Galaktan dir o	WAST STAN		р <u>у</u> —	N. M. POR	<del>~~~~</del>		
Ву			Title Operations Associate					
Fiels	WPOTY OIL & WAS	MINICION SOIL	A STATE OF THE STA	Data	Wadnasday	May 01, 2002		
l'itle				Date.	wednesday,	May 01, 2002		

## NORTHWEST NEWMEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- I. A packer leakage test shall be commenced on each multiply completed well within sever 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 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 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 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 packer leakage test, a gas well is being flowed to the atmosphere due to 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 Juring 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 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 point) 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 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 the beginning and once at the end of each test which 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 15 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)