STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

Page 1 Revised 10/01/78

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

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator	BURLINGTON RESOURC	ES OIL & GAS CO.	Lease STATE C	OM A	Well No. 2E
Location of Well:	Unit E Sect NAME OF	16 Twp. 028N RESERVOIR OR POOL	Rge. 009W TYPE OF PRO (Oil or Gas)	County SAN JUAN D. METHOD OF PROD.  (Flow or Art. Lift)	PROD. MEDIUM (Tbg. or Csg.)
Upper Completion	MESAVERDE		Gas	Flow	Casing
Lower Completion	DAKOTA		Gas	Artificial	Tubing
		PRE-FLOW SH	IUT-IN PRESSURE DATA		
Upper Completion	Hour, date shut-in 09/13/2002	Length of time shut-in 72 Hours	SI press, psig	Stabilized? (Y	es or No)
Lower Completion	09/13/2002	120 Hours	190		
		FLO	W TEST NO. 1		
Commence TIME	ed at (hour,date)*  LAPSED TIME	09/16/2002 PRESSURE	Zone produ PROD. ZO	· · · · · · · · · · · · · · · · · · ·	PPER
(hour.date)	SINCE*	Upper Completion Lower	Completion TEMP	REM	1ARKS
09/ 7/2002	2 96 Hours	50	190	Put MV on to flow.	
09/· 8/2002	2 120 Hours	50	190		
		· · · · · · · · · · · · · · · · · · ·		Put DK on to flow.	
				المناهب المناهب	
Production ra	ite during test				
Oil	BOPD based on	Bbls. in	Hours.	Grav.	GOR
Gas:		MCFPD; Tested thru (Orifice or	Meter):		
		MID-TEST SH	UT-IN PRESSURE DATA		
Upper Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Y	es or No)
Lower Corapletion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Y	es or No)
3209801 37	2	(Corti	iue on reverse side)		

FLOW TEST NO. 2

Commenced at (hour, d	ate)**			Zone producing (Upper or Lower):		
TIME	LAPSED TIME SINCE **	PRESSURE		PROD. ZONE	REMARKS	
(hour, date)		Upper Completion	Lower Completion	on TEMP.	REMARKS	
				-		
· · · · · · · · · · · · · · · · · · ·						
		<del>                                      </del>				
	<u> </u>		<b>L</b> ,	,		
Production rate du	ring test					
r);]	1	OPD based on	Bbls. ir	n Hours	GOR	
Cras'		MCFPI	D: Tested thru (C	Orifice or Meter):		
Remarks:						
			<del></del>	<u> </u>		
<del></del>						
Lharaba cartificabe	at the information b	unaine e antoima d'interna		o the best of my knowled	<b>1</b>	
				o the best of my knowled	uge	
Approved	<u></u>	1	9	Operator Burlin	gton Resources	
New Mexico O	il Conservation Div	ision		01	ling	
				By AMOUND	way	
By Programme	May make	<u> </u>		Fitle <b>Operations</b>	Associate	
15, 211			<del></del> -	The Operations	. 1330 Clark	
Little		'		Date Monday Se	entember 02 - 2002	

## NORTHWEST NEWMEXICO PACKER LEAKAGE TEST INSTRUCTIONS

A packe, acakage 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 orac 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, any whenever remedial work has been done on a well during which the packer or the riching have been disturbed. Tests shall also be taken at any time that communication is some real or other requested by the Division. spected or when requested by the Division

- At east 12 hours prior to the commencement of any packer leakage test, the operator hourly the Division in writing of the exact time the test is to be commenced. Offset hators shall also be so notified.
- The basis c -cakage test shall commence when both zones of the dual completion are notor pressure stabilization. Both zones shall remain shut-in until the weil-head pressure in each has stabilized, provided however, that they need not remain shut-in more ti an seven dass
- 4 for Flow Fest No. 1, one zone of the dual completion shall be produced at the normal total fiproduction while the other zone remains shut-in. Such test shall be continued for some days in the case of a gas well and for 24 hours in the case of act oil well. Note if, on an initial packer, cakage test, a gas well is being flowed to the atmosphere due to lack of a produce 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 was Paragraph  $^{2}$  above
- kov. Fest No. 2 shall be conducted even though no leak was indicated during Flow Fest No. 1.  $\sigma$  locadure for Flow Test No. 2 is to be the same as for Flow Fest No. 1 except

that the previously produced some shall lemant shut-in while the zone which was previously

5. P. essures for gas-zone tests must be measured on each zone with a deadweight pressure gauge at time intervals as theory. 3 hours tests immediately prior to the beginning of each flow period at interval time intervals during the first hour thereof, and at hourly intervals thereafter, including one pressure measurement immediately prior to the conclusion of each flow period. T-cas 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 circulation 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, which at the beginning and once at the end of each test, with a deadweight pressure gauge, at I well is a gas-oil or an oil-gas dual completion, the recording gauge shall be required in the dil work 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 Azue District Office of the New Mexico Oil Conservation Division on Northwest New Mexico Packer Leakage Test Form Revised (6-01-78 with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (i.e., zones only).