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

30-039-22299

API#

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NORTHWEST NEW MEXICO PACKER-LEAKAGE

Location of Well: Unit O Sect 08 Twp. 027N Rgc. 006W County RIO ARRIBA									Well	
of Well: Unit O Sect 08 Twp. 027N Rge. 006W County RIO ARRIBA Upper Completion Completion Completion Completion NAME OF RESERVOIR OR POOL TYPE OF PROD. (Oil or Gas) METHOD OF PROD. (Top. or Cag. Oil of Gas) Flow or Art. Lift) (Top. or Cag. Oil of Gas) Tubing Lower Completion Completion MESAVERDE PRE-FLOW SHUT-IN PRESSURE DATA Tubing Tubing Lower Completion T/16/2004 120 Hours SI press. psig Stabilized? (Yes or No) Commenced at (hour, date)* 7/19/2004 120 Hours 205 TIME (hour, date) 17/19/2004 20ne producing (Upper or Lower) UPPER TIME (hour, date) 135 209 turend on the PC 7/21/2004 120 Hours 134 212 turend on the MV Production rate during test MCFPD; Tested thru (Orifice or Meter): Grav. GOR Oil: BOPD based on Bbls. in Hour, Si press. psig Stabilized? (Yes or No) Lower Hour, date shut-in Length of time shut-in Si press. psig Stabilized? (Yes or No)	Operator BURLINGTON RESOURCES Oil & GAS CO.				Lease	ise SAN JUAN 28-6 UNIT			No. 22A	
NAME OF RESERVOIR OR POOL	Location									
Upper Completion PICTURED CLIFFS Gas Flow Tubing	of Well:	Unit O Sect	08 Twp.	027N	Rge.	006W	County	RIO ARRIBA		
Upper Completion PICTURED CLIFFS Gas Flow Tubing		NAME OF	RESERVOIR OR POO	L	T	YPE OF PROD.	METI	HOD OF PROD.	PROD. MEDIUM	
Completion PicT URED CLIFFS Gas Flow Tubing						(Oil or Gas)	(Flo	w or Art. Lift)	(Tbg. or Csg.)	
Production rate during test MCFPD; Tested thru (Orifice or Meter):		PICTURED CLIFFS				Gas	Flow Tubino		Tubing	
Upper Completion		MESAVERDE				Gas	Flow Tubing		Tubing	
Upper Completion			PRE-I	FLOW SHUT-IN	PRESS	URE DATA				
Lower	Upper	Hour, date shut-in						Stabilized? (Yes	or No)	
Total Tot	Completion	7/16/2004			-	293	,		•	
FLOW TEST NO. 1 Commenced at (hour,date)* 7/19/2004 Zone producing (Upper or Lower) UPPER	Lower									
Commenced at (hour,date)*	Completion	7/16/2004	120 Ho	ours		205				
TIME (hour,date)			- 	FLOW TES	T NO.	1				
(hour,date) SINCE* Upper Completion Lower Completion TEMP REMARKS 7/20/2004 96 Hours 135 209 turend on the PC 7/21/2004 120 Hours 134 212 turend on the MV Production rate during test Oil: BOPD based on Bbls. in Hours. Grav. GOR Gas: MCFPD; Tested thru (Orifice or Meter): MID-TEST SHUT-IN PRESSURE DATA Upper Completion Hour, date shut-in Length of time shut-in SI press. psig Stabilized? (Yes or No) Lower Hour, date shut-in Length of time shut-in SI press. psig Stabilized? (Yes or No)	Commenced	at (hour,date)*	7/19/2004							
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		Hour, date shut-in	Length of time shut-	-in	SI p	ress. psig		Stabilized? (Yes	or No)	

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(Continue on reverse side)

FLOW TEST NO. 2

Commenced at (hour, da	ite)***	1.73		Zone producing (Upper or	Lower):		
or TIME	LAPSED TIME SINCE **	PRES	SURE	PROD. ZONE	REMARKS 3 2755 W		
(hour, date)		· Upper Completion	Lower Completion	TEMP.	REMARKS		
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	42 + 13 th 15		A		,		
Production rate dur		PD based on	Bbls. in	Hours	Grav. GOR		
Com	The Market Comment				ar said saper		
Gas:	71	MCFF1	o: Tested inru (Oriii	ce or Meter):			
Remarks:			· •				
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		J. 19		**	4 / 1 / 1 / 1		
I hereby certify that	the information her	ein contained is true	and complete to the	best of my knowled	ge. A College College College		
Approved	AUG 23 200			Operator Burling			
	l Conservation Divis	,		by Oderso	an		
By Cha	leth		1	itle <u>Operations A</u>	Associate		
Title	JIY OIL & GAS INS	SPECTOR, DIST. 53		Date <u>Tuesday, Au</u>	gust 10, 2004		

NORTHWEST NEWMEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 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 disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Division.
- 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.
- The packer leakage test shall commence when both zones of the dual completion are shurt-in for pressure stabilization. Both zones shall remain shurt-in until the well-head pressure in each has stabilized, provided however, that they need not remain shurt-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 during 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, 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 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).