30-039-82360

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 B	URLING	STON I	RESOURC	ES OIL & GAS CO.		Lease	SAN JUAN 27	-5 UNIT		Well No. 63	_
Location of Well:	Unit	N	Sect	08 Twp.	027N	Rge.	005W	County	RIO ARRIBA		
- Well.				RESERVOIR OR PO			YPE OF PROD.		OD OF PROD.	PROD. MEDIUM	
							(Oil or Gas)	(Flov	v or Art. Lift)	(Tbg. or Csg.)	
Upper Completion	PICTURED CLIFFS						Gas	Flow Tubing			
Lower Completion	MESAVERDE						Gas		Artificial	Tubing	
				PRE	FLOW SHUT-IN	PRESS	URE DATA				_
Upper Completion	Hour, date shut-in 6/15/2006			Length of time shut-in 144 Hours		SI press. psig			Stabilized? (Yes or No)		
Lower											
Completion		6/15/2	006	96 H	ours		181	1			
					FLOW TE	ST NO.					_
	ed at (hour,date)*			6/19/2006			Zone producing	(Upper or	Lower) LO	WER	_
TIME	LAPSED TIME			PRESSURE			PROD. ZONE				
(hour,date)		SINC	E*	Upper Completion	Lower Comp	letion	TEMP	MP		ARKS	_
6/20/2006		120 H	ours	174	145			mv on @11:21am		· · ·	
6/21/2006	144 Hours		ours	175	113			@11:0	@11:00am		
								20% c	curve met pc on	@ 2:10pm	
										15.25.26	27/2
										JUN	200
										SOLC.	٠ و ا
Production rate	during	test								OIST	. <u>(</u>
Oil		BOPE	based on	Bbls.	in	Hours		Grav	:	GOR Why	
Gas:				MCFPD; Tested thru	(Orifice or Mete	r):					<u></u>
				MID	-TEST SHUT-IN	PRESS	URE DATA				
Upper Completion	Hour	, date sh	e shut-in Length of time shut-in						Stabilized? (Y	es or No)	
Lower Completion	Hour, date shut-in			Length of time shut-in		SI p	SI press. psig		Stabilized? (Yes or No)		

5339601 378

(Continue on reverse side)

FLOW TEST NO. 2

Commenced at (hour, da	ite)**		Zone producir	Zone producing (Upper or Lower):				
TIME (hour, date)	LAPSED TIME	PRESSURE			OD. ZONE	DESSADIC		
	SINCE **	Upper Completion	Lower Completio	on TEI	TEMP.	REMARKS		
Production rate dur	ring test							
Oil:	ВС	OPD based on	Bbls. in	н	lours	Grav GOR		
Gas:		MCFPI	D: Tested thru (C	Orifice or Meter	r):			
Remarks:								
I hereby certify tha	t the information her	rein contained is true	and complete to	the best of my	knowledg	ge.		
		19	9	Operator _	Burlingt	on Resources		
. ()	l Conservation Divi	sion		ВуР	hílana T	hompson		
ву <u>Д. /</u>	Vanueva	<i>e</i>		Title <u>Re</u>	gulatory A	Analyst		
Title	ON & GAS INSPE	CTOR, DIST. &	Date Monday, June 26, 2006					

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.
- 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.
- 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 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).