30-039-22299

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 E	BURLINGTON RESOURCES OIL & GAS CO.				Lease SAN JUAN 28	8-6 UNIT	Well No. 22A	
ocation.					:			
of Well:	Unit O	Sect	08 Twp. 0	27N F	Rge. 006W	County RIO A	ARRIBA	
		NAME OF	RESERVOIR OR POOL		TYPE OF PROD.	METHOD OF	PROD. PROD. MEDIUM	
					(Oil or Gas)	(Flow or Art.	Lift) (Tbg. or Csg.)	
Upper Completion	PICTURED CLIFFS				Gas	Flow	Tubing	
Lower Completion	MESAVE	RDE	· · · · · · · · · · · · · · · · · · ·		Gas	Artificial	Tubing	
			PRE-FLC	W SHUT-IN P	RESSURE DATA			
Upper	Hour, date	shut-in	Length of time shut-in		SI press. psig	Stabilized? (Yes or No)		
Completion	etion 06/06/2000		96 Hours		261			
Lower Completion	06/06/2000		144 Hours		231	, 		
				FLOW TEST	NO. 1			
Commence	d at (hour.date))*	06/10/2000			g (Upper or Lower)	UPPER	
TIME	LAPSE	ED TIME	PRESSURE		PROD. ZONE			
(hour.date)	SIN	SINCE* Upper Completion Lower Com		Lower Completi	ion TEMP		REMARKS	
6/11/200	120	Hours	160	230		on pc		
6/12/200	144	Hours	153	239			18 14 25 26 27 3 3 m	
						on mv	JUN 2000	
Production rat	te during test							
Oil:	ВОЕ	PD based on	Bbls. in	F	Hours.	Grav.	GOR	
Gas:	MCFPD; Tested thru (Orifice or Mete		ifice or Meter):					
	_				RESSURE DATA			
Upper Completion		Hour, date shut-in Length of time shut-in		SI press. psig	Stabilized? (Yes or No)			
Lower Completion	Hour, date	shut-in	Length of time shut-in		SI press. psig	Stabil	ized? (Yes or No)	
342701 30	(Continue on reverse side)							

FLOW TEST NO. 2

Commenced at (hour, da	nte)**		Zone producing (Upper or Lower):					
TIME	LAPSED TIME	PRES	SURE	PROD. ZONE	REMARKS			
(hour, date)	SINCE **	Upper Completion	Lower Completion	n TEMP.	REMARKS			
		ļ						
				<u>.</u>				
Production rate dur	· ·	OPD board on	Dhla in	House	Con			
OII;	B	JPD based on	Bois. in	Hours	Grav GOR			
Gas:	· · · · · · · · · · · · · · · · · · ·	МСБРІ	D: Tested thru (C	Prifice or Meter):				
Remarks:								
	it the information he	7 2000	-	the best of my knowled				
Approved	_	1	9	Operator Burlings	ton Resources			
	il Conservation Div			By Mary	(laco			
(3)	RIGINAL SIGNED B	Y CHAPLIE T. PER	an an	D) NOTE OF THE PARTY OF				
Ву				Title Operations A	Associate			
Title DEPUTY Oil & GAS INSPECTOR, DIST. #3 Date Monday, June 26, 2000								

NORTHWEST NEWMEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- I 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
- $2-\mathrm{At}$ 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 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. Presures 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.
- as desired or may be requested on wells which have previously shown questions 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).