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 [BURLIN	IGTON	I RESOURC	ES OIL & GA	S CO.		Lease	SAN JUAN 27	-5 UNIT		Well No.	46
Location												
of Well:	Unit	М	Sect NAME OF	07 RESERVOIR	Twp. OR POOL	027N		005W PE OF PROD. (Oil or Gas)		RIO ARRIBA DD OF PROD. or Art. Lift)	PR	OD. MEDIUM [bg. or Csg.)
Upper Completion	PIC	TURE	D CLIFFS					Gas	F	low		Tubing
Lower Completion	ME	SAVEF	RDE					Gas	. F	low		Tubing
					PRE-FI	LOW SHUT-	IN PRESSI	URE DATA				
Upper Completion		r. date 06/30	shut-in 0/2000	Length of time shut-in 72 Hours			SI pr	ess. psig 134	Stabilized? (Yes or No)			
Lower Completion		06/30	0/2000		120 Ho		EST NO. 1	150				
Commence	d at the	ur data)	*	07/	03/2000			Zone producing	(Upper or l	Lower) U	PPER	
			ED TIME	077	PRES	CHDE	- · ·	PROD. ZONE	(opper or .	200.,		
TIME (hour.date)			ICE*	Upper Com		Lower Com	pletion	TEMP		RE	MARKS	
07/04/2000		96	Hours	134	-	150		10 mm 1				
07/05/2000		120	Hours	134		150	٠					
07/03/2000		120	Hours			Control of the second	1897 SCEIVE SCEIVE ST. SON	20 KIS 16 17 18 18	blew n	nv down to 0	Bruse wit	th OCD witness
Production ra	ate durin	g test			_							
Oil:		BOI	PD based on		Bbls. ii	1 ·	Hours.		Grav.		GOF	₹
Gas:				MCFPD; Te	sted thru (Orifice or Me	eter):					
					14175	TEST SHUT-	INI DD PCC	LIDE DATA				
Upper Completion		ur. date	shut-in	Length of			SI p	ress. psig		Stabilized?	(Yes or No	0)
Lower Completion	Но	ur. date	shut-in	Length of	time shut	-in	SI p	ress. psig		Stabilized?	(Yes or No	0)
5337702 325 (Continue on reverse side)												

]	FLOW TEST NO	O. 2					
Commenced at (hour, d	ate)**			Zone producing (Upper or Lower):					
TIME (hour, date)	LAPSED TIME SINCE **	PRES	SURE	PROD. ZONE	REMARKS				
(nour, date)	SINCE	Upper Completion	Lower Completion	TEMP.					
Production rate du	ring test								
Oil:	ВС	OPD based on	Bbls. in	Hours	Grav GOR				
Gas:		МСЕРІ	D: Tested thru (Ori	fice or Meter):					
Remarks:					-				
I hereby certify tha	it the information he	rein contained is true	and complete to the	he best of my knowledge	;.				
Approved		19	·	Operator Burlington	n Resources				
New Mexico O	il Conservation Divi	sion		By Office &	lan				
ORIGH	NAL SIGNED BY CH	ARLIE T. PERMIN		Till	0				
By	PILTY ON P GAS !	NCBECTOR OUT .		Title Operations As	sociate				
Title		NSPECTOR, DIST.		Date Monday, July	10, 2000				
		NORTHWEST NEWN	MEXICO PACKER LEA	AKAGE TEST INSTRUCTION	s				
even days after actual compl	all be commenced on each mu etion of the well, and annually ecompletion—Such tests shall	thereafter as prescribed by the		that the previously produced a shut-in is produced	zone shall remain shut-in while the zone which was previously				

- 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. Fests 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 notify the Division in writing of the exact time the test is to be commenced. Offset At least 72 hours prior to the commencement of any packer leaks shall notify the Division in writing of the exact time the test is to be cooperators 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 fo: 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.
- $5. \quad Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.$
- 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
- 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 19-01-78 with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only)