# STATE OF NEW MEXICO EINERGY and MINERALS DEPARTMENT OIL CONSERVATION DIVISION

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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST OF THE CORRESPONDENCE OF

DECENVE Page 1

JUN - 8 1999

erator	AMOCO PRODU	CTION COMPAN	Y Lease 1	Bolack 3	B LS	DIST.	#8 <u>3</u>	
	Sec. <u>33</u>	Twp. 28 N	Rge					
NAME OF RESERVOIR OR POOL				TYPE OF PROD.		Э.	PROD. MEDIUM (Tog. or Cag.)	
poor S Bianco PC		GAS		FLOW		TBG		
over Bianco mu		GAS		FLOW		TBG		
			W SHUT-IN PRE		,	4 Canalizad	? (Yes or No)	
Joper Hour, date shut-in Langth of time shut-in poletion 5 / 19 / 1999 72 HOUR		T T	press. psig j - 나 나		Stabilized	YES		
Hour, cate shut-in Length of		Length of time shu 72 HOU	t-in SI	press. paig 223	Stabil		YES	
npietion 3 / 1			FLOW TEST N		<u> </u>	<u> </u>		
menced at (hour, dat	(e) *		TEO W TREET IV	Zone producing (Up	per or Lowers			
TIME LAPSED TIME			PRESSURE		REMARKS		EMARKS	
(hour, date) /19 / 99	Day 1	Upper Completion	Lower Completion	TEMP.	BOTH Z	BOTH ZONES SHUT IN		
/20/ 99	Day 2	136	262		BOTH ZONES SHUT IN			
/21 / 99	Day 3	139	265		BOTH ZONES SHUT IN		HUT IN	
/22/99	Day 4	144	223		FLOW '	لمناف	r ZONE	
/a3/ 99	Day 5	146	160		11	R	l (	
/54 / 99	Day 6	147	157		11	11	#I	
oduction rate d	luring test		•					
1:	BOF	D based on	Bbls. in	Hour	3	Grav	GOR	
xs:		M.C.F	PD; Tested thru (	Orifice or Met	er):	<u> </u>	· · · · · · · · · · · · · · · · · · ·	
		MID-T	EST SHUT-IN PR	ESSURE DATA	<u> </u>			
Upper Hour, date impletion			ut-in S	SI press. psig		Stabilized? (Yes or No)		
Lower Competion Langth of time shut-in		iut-in	St press, psig		Stabilize	Stabilized? (Yes or No)		

(Continue on reverse side)

FLOW TEST NO. 2

PRESSURE

Zone preducing (Upper or Lowert

PROD. ZONE

<u> </u>		Upper Completion	Lewer Completion	TEMP.	REMARKS
				-	
					-
Production rate du	uing test				
Oil:	BOPI	D based on	Bbls. in	Hours.	Grav GOR
G25:		MCF	D: Tested thru	(Orifice <b>or M</b> eter)	:
Remarks:		····			
The second secon	the service of the se				
	at the informatio	n herein containe	d is true and con	uplete to the best	of my knowledge.
Approved New Mexico Oil	Conservation D	ivision	_19 0	perator Amod	co Production Company
ORIGINAL SK	MED BY CHAPLI	T. PERMI	Ву	She	ri Bradshaw 83
Ву				de <u>Fie</u> l	d Tech
Tide			D:	ate	.99

# NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

 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.

Commenced at (hour, date) ##

LAPSED TIME

TIME

- 2. At least 72 hours prior to the commencement of any packer leakage test, the operator small notify one Division in writing of the exact time the test is to be commenced. Offset operators shall also be so notified.
- 5. The packer leakage test shall commence when both zones of the dual completion are shur-in for pressure stabilization. Both zones shall remain shur-in until the well-head pressure in each has stabilized, provided however, that they need not remain shur-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 shur-in. Such test shall be continued for seven days in the case of a gas well and for 14 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 the lack of a pipe line connection the flow period shall be three hours.
- Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.
- 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 200e 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 Astec District Office of the New Mexico Oil Conservation Division on Northwest New Mexico Packer Leakage Test Form Revised 10-01-78 with all dead-weight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).



NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT 6780

Oil CONSERVATION DIVISION AZTEC DISTRICT OFFICE 1000 RIO BRAZOS ROAD AZTEC NM 87410 (506) 334-4176 FAX: (505) 334-6170 and.state.nm.us/ocd/District III/3distric.htm

Stabilized? (Yes or No)

Page 1 Revised 11/16/98

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Hour, date shut-in

Lower

Completion

ON CON DIV

SEP 2000

RECEIVED

An Operator <u>20</u>	noco Productio 10 Amoco Ct. F	n Company			R-LEAKAGE TEST	Well No3
Location of	Well:Unit Letter	· <u>N</u> _Sec_3	<u>3 Twp 28</u>	<u>N</u> Rge <u>8</u>	<u>W</u> API#30-0 <u>45-</u> (	06946
	NAME OF RESE		F PROD. or Gas)	METHOD OF PROD. (Flow or Art. Lift)	PROD.MEDIUM (Tbg. or Csg.)	
Upper Completion	S Blan	GAS		FLOW	TBG	
Lower Completion	Blanco	mv	GAS		FLOW	TBG
		PRE	-FLOW SHUT-I	N PRESSUR	RE DATA	
Upper	Hour, date shut-in		Length of time		Si press, Psig	Stabilized? (Yes or No)
Completion	8/18/	/200D	72 HOU		146	YES
Lower Completion	Hour, date shut-in 8/18/2000		Length of time		SI press. Psig	Stabilized? (Yes or No)
Completion	1 0/10/	2000	72 HOU	RS ST NO. 1	213	YES
Commenced at (	(hour, date)*				(Upper or Lower):	
TIME (bour date)	LAPSED TIME	PRES	SSURE	PROD. ZON	E   1	REMARKS
TIME (hour,date)	LAPSED TIME SINCE*	PRES Upper Completion	SSURE Lower Completion	PROD. ZON TEMP.	E	REMARKS
					BOTH ZONES SH	
(hour,date)	SINCE*	Upper Completion	Lower Completion	TEMP.	BOTH ZONES SH	HUT IN
(hour,date)	DAY 1	Upper Completion	Lower Completion	TEMP.	BOTH ZONES SH	HUT IN
(hour,date) 8/18	DAY 1 DAY 2	Upper Completion	Lower Completion	223 238	BOTH ZONES SH BOTH ZONES SH BOTH ZONES SH	HUT IN HUT IN
(hour,date)  8/18  8/19  8/20	DAY 1 DAY 2 DAY 3	Upper Completion 144 145 146	Lower Completion  222 238 242 213	7EMP.	BOTH ZONES SH BOTH ZONES SH BOTH ZONES SH FLOW LOWER	HUT IN HUT IN ZONE
(hour,date)  8/18  8/19  8/20  8/21	DAY 1 DAY 2 DAY 3 DAY 4	Upper Completion 144 145 146 146	Lower Completion  222 238 242	TEMP.	BOTH ZONES SH BOTH ZONES SH BOTH ZONES SH FLOW LOWER FLOW "	HUT IN HUT IN ZONE ZONE
(hour,date)  8/18  8/19  8/20  8/21  8/22  8/23	DAY 1 DAY 2 DAY 3 DAY 4 DAY 5 DAY 6	144 145 146 146	222 238 242 213 136	7EMP.	BOTH ZONES SH BOTH ZONES SH BOTH ZONES SH FLOW LOWER FLOW "	HUT IN HUT IN ZONE
(hour,date)  8/18  8/19  8/20  8/21  8/23  Production rai	DAY 1 DAY 2 DAY 3 DAY 4 DAY 5	144 145 146 146 147	Lower Completion  222 238 242 213 136 128	TEMP.	BOTH ZONES SH BOTH ZONES SH BOTH ZONES SH FLOW LOWER FLOW "	HUT IN HUT IN ZONE ZONE ZONE
(hour,date)	DAY 1 DAY 2 DAY 3 DAY 4 DAY 5 DAY 6 te during test	Upper Completion 144 145 146 146 147 147	Lower Completion  222 238 242 213 136 128	TEMP.	BOTH ZONES SH BOTH ZONES SH BOTH ZONES SH FLOW LOWER FLOW "	HUT IN HUT IN ZONE ZONE ZONE GOR
(hour,date)	DAY 1 DAY 2 DAY 3 DAY 4 DAY 5 DAY 6 te during test	Upper Completion 144 145 146 146 147 147 BOPD based	Lower Completion  222 238 242 213 136 128	TEMP.	BOTH ZONES SH BOTH ZONES SH BOTH ZONES SH FLOW LOWEY FLOW " FLOW " FLOW " Gradeter):	HUT IN HUT IN ZONE ZONE ZONE GOR

(Continue on reverse side)

SI press. psig

Length of time shut-in

### FLOW TEST NO. 2

Commenced at (hour, date)**				Zone producing (Upper or Lowr):			
TIME (hour,date)	LAPSED TIME Since**	PRE\$SI Upper Completion	URE Lower Completion	PROD. ZONE	REM	IARKS	
	ite during test	based onMCFP	Bbls D:Tested thru (C	. inHours.	Grav	_GOR	<del></del>
Remarks:							<del></del>
Approved		2000	_ Operator_	Amoco Product	es of my knowledge. ion Company		_ New
ORIGINA	raidheo che c		By	Sheri Bradsha Field Tech - F	W 83 SJOC ARMINATON	Nim	
D <b>EP</b> L	ITY OIL & GAS IN	SPECTOR		9/5/00			-

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