

NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD AZTEC NM 87410 (505) 334-8178 FAX: (505) 334-8170 http://emnrd.state.nm.us/ocd/District M/3distric.htm

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

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NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

ell:Unit Letter_ NAME OF RESER	K Sec 2		Rge_5W	Juan 29-5 UnitAPI # 30-0 39-230 METHOD OF PROD.	
NAME OF RESER	VOIR OR POOL	TYPE OF	PROD.		Т
Pictured Cli				METHOD OF PROD.	PROD MEDILIM
			r Gas)	(Flow or Art. Lift)	(Tbg. or Csg.)
Mesaverde	its	gas		flowing	tubing
	Mesaverde			flowing	tubing
	PRE-I	LOW SHUT-IN	N PRESSURE	DATA	
lour, date shut-in		"		SI press. Psig	Stabilized? (Yes or No)
lour, date shut-in 11/11/2000		Length of time s	shut-in	Si press, Psig	Stabilized? (Yes or No)
		FLOW TE			
r, date)		·	Zone producing ((dipper of Lower):	
LAPSED TIME SINCE*			PROD. ZONE TEMP.		REMARKS
24 hrs		206			owed lower zone
.48 hrs	461	130		Upper SI; flo	owed lower zone
					
during test					- 005
 	BOPD bas	ed on	Bbls. in	Hours	_GravGOR
	MC	FPD; Tested th	nru (Orifice or	Meter):	
Hour, date shut-in	- WILD			SI press psig	Stabilized? (Yes or No)
	1				
	11/11/2000 four date shut-in 11/11/2000 fr date)* LAPSED TIME SINCE* 24 hrs 48 hrs	11/11/2000 Our, date shut-in	11/11/2000 3 6	11/11/2000 3 days	11/11/2000 3 days 442

FLOW TEST NO. 2

Commenced at (hour, date)**				Zone producing (Upper or Lowr):		
TIME (hour,date)	LAPSED TIME Since**	Upper Completion Lower Completion		PROD. ZONE		
		Opper Completion	Lower Completion		REMARKS	
					· .	
	1	•				
il:	te during test	based on	Bbl	s. in Ho	lire Craw	
il: as:	BOPD		`	s. inHo Orfice or Meter):	ursGravGOR	
il: as: emarks:	BOPD	eation boroin acc				
il: as: emarks: ereby certify	BOPD	eation herein cor	ntained is true an	d complete to the	bes of my knowledge.	
il:emarks:ereby certify	BOPD	pation herein cor	ntained is true an	d complete to the	bes of my knowledge. troleum Company	
as:emarks:ereby certify pprovedew Mexico Oil	that the inform NOV 2 Conservation Div	ation herein cor 9 2000 19_ vision	ntained is true an Operator By	d complete to the Phillips Per	bes of my knowledge. troleum Company Jim Kennedy	
emarks: ereby certify proved w Mexico Oil	that the inform NOV 2 Conservation Div	eation herein cor	ntained is true an Operator By	d complete to the Phillips Per	bes of my knowledge.	

NORTHWEST NEW MEXICO 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.
- 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 wellhead 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 the 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

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 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 date.

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 result a 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 11-16-98 with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).



& NATURAL RESOURCES DEPARTMENT

GIL CONSERVATION GAVEION
ASTED DISTRICT OFFICE
1999 RIO BRAZOS ROAD
ASTED HIS STATE
(604) 354-4176 FAX: [604] 354-4176
http://www.fishiba.org.volocid/biolet/M7440414_M

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NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

perator	hillips Petro	leum Compan	y_Lease Nam	e San J	uan 29	-5 Unit	Well No 106
ocation of W	/ell:Unit Letter_	<u>K</u> _Sec_2	5 Twp 29N	Rge <u>5W</u>	API :	# 30-0 _39-230:	33
	NAME OF RESER	VOIR OR POOL	TYPE OF			HOD OF PROD. low or Art. Lift)	PROD.MEDIUM (Tbg. or Csg.)
Upper Completion 1	Pictured	Pictured Cliffs		gas		flow tubin	
Lower Completion	Mesaverd	ga	gas		flow	tubing	
		DRF.	FLOW SHUT-I	N PRESSUI	RE DAT	A	
	Hour, date shut-in	LVE-	Length of time		SI press		Stabilized? (Yes or No
Upper Completion	10-01-01		3 d	ays		430#	yes
Lower Completion	Hour, date shut-in 10-01-01		1 -	Length of time shut-in 3 days		405 #	Stabilized? (Yes or No.
Completion			FLOW TE	EST NO. 1	_1		
Commenced at (f	nour, dale)*			Zone produci	ng (Upper o	r Lower):	
TIME	LAPSED TIME	PRES	SURE	TEMP.		REMARKS	
(hour,date)	SINCE*	Upper Completion	Lower Completion				
10/5/01	24 hrs	160#	410#	ļ		Flowed Upper	: Lower SI
10/6/01	48 hrs	145#	410#	 		Flowed Upper	; Lower SI
						15 16 11 18 19 20	<u> </u>
				 		5 · 🛖	2
					一百	RECEIVED	12824
Production ra	ate during test	<u> </u>			891	OIL CON. DIV DIST. 3	22.52
Oil:		BOPD base	ed on	Bbls. in		Mours G	GOR_
Gas:		MCI	PD; Tested the	ru (Orifice o	r Meter):	25 2 July	
		MI	O-TEST SHUT-	IN PRESSL	JRE DAT	ΓΑ	
Upper Completion	Hour, date shut-in			Length of time shut-in		nes pelg	Stabilized? (Yes or N
Lower Completion	Hour, date shut-in		Length of tim	ne shut-in	SI pro	ess. psig	Stabilized? (Yes or

(Continue on reverse side)

Commenced	at (hour, date)	HA		Zone producto	Minnes	
TIME	LAPSED TIME	PRESS	URE	PROD. ZONE	(Upper or Lowr):	
(hour,date)	8ince**	Upper Completion	Lower Completion	PROU, ZONE	REMARKS	
Production ra					<u> </u>	
3as:		MCFP	Bbls D:Tested thru (C	. InHour orfice or Meter):_	sGravGOR	
Valuatks:						_
hereby certif	y that the inform	nation herein con	tained is true and	complete to the	bes of my knowledge.	-
Approved Mexico Oil Con:	servation Division	19	_ Oberator_	PHILITIPS	retroieum Company	_ Nev
OFFICIA	al signed by O	HARLE T. PERRIN	By On	i Kennes	Jim Kennedy	
JAMMIA (M & GAS INSPEC		. 1100	well les	ter	
Title			. Date	10/16/01		

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