STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION 1998

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This form is not to

be used for reporting Packer Leakage tests in Southeast New Mexico

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

OIL CON. DIV.

Operator	CHATEAU OIL AND GAS, INC			Lease MARRON FEDERAL Well No. USA 3					
Location of Well	UnitI	_ Sec.	24	Twp.	27N	Rge.	8W Cour	nty SAN JUAN	
	NAME OF RESERVOIR OR POOL			TYPE OF PROD. (Oil or Gas)			METHOD OF PROD. PROD. MEDIUM (Flow or Art. Lift) (Tbg. or Csg.		
Upper	MECAVEDE	\		GAS	3)		FLOW	TBG	
Completion Lower Completion	MESA VERDE OTERO CHACRA			GAS			FLOW	TBG	
Completion	JOTERO OTI	10101							
(H==222	Territoria de la companya della companya della companya de la companya della comp		PRE	-FLOW SHUT-IN Length of time shut-in	PRESSL	IRE D	ATA St press. psig	Stabilized? (Yes or No)	
Upper Completion	1,122,122,122		3 DAYS	-			YES		
Lower	Hour, date shut-in		Length of time shut-in			250 SI press. psig	Stabilized? (Yes or No)		
Completion	11-12-98	_		3 DAYS			440	NO	
				FLOV	V TEST N	0. 1			
Commenced	at (hour, date) *	11-15-9	8		Zone produ	icing (L	Ipper or Lower):	LOWER	
TIME	LAPSED TIME				DEMARKS.				
(hour, date) Since * U		Upper Cor	npletion	Lower Completion	TEMP.		REMAI	AKKS	
		csg	tbg	tbg					
11-13		230	220	300			Both Zones Shut In		
11-14		240	240	380			Both Zones Shut In		
11-15		250	250	440			Both Zones Shut In		
11-16	1 DAY	270	270	148			Lower Zone Flowing]	
11-17	2 DAYS	280	280	148			Lower Zone Flowing	9	
		<u></u>						:	
Production	n rate during t			Bbls. in		Hours	Grav.	GOR	
Gas:	33			MCFPD: Tested thi	ru (Orifice or	Meter)	METER		
			MID-1	TEST SHUT-IN P	RESSUR	E DA	ΓΑ		
Upper	Hour, date shut-in			Length of time shut-in			SI press. psig	Stabilized? (Yes or No)	
Completion	Hour, date shut-in			Length of time shut-in			SI press. psig	Stabilized? (Yes or No)	
Completion				<u> </u>			1		

			FLOW TES	r NO. 2					
Commenced at (hour, d	ate) **		Zone pr	Zone producing (Upper or Lower):					
TIME	LAPSED TIME	PRESSURE			. ZONE	REMARKS			
(hour, date)	SINCE **	Upper Completion	Lower Completion	15	TEMP.				
			·						
Production rate	during test								
	-					COR			
Oil:	ВОР	D based on	Bbls.	in	Hours.	Grav GOR			
						:			
Gas:		MCF	PD: Tested di	.c. (Ormer	01 1.10101)				
Remarks:									
									
- 1	1 AM -A 165C		ed is true and	complete t	o the best	of my knowledge.			
I hereby certify t	mat bio/ithoulman	of 36 in contain	ied is due and	complete :	CHAT	of my knowledge.			
Approved			19	Operator	CHAT	TEAU OIL & GAS, INC.			
New Mexico C	Oil Conservation I	Division							
				Ву	ing	1 the second second			
ORM -	GINAL SIGNED BY C	HARIET		Tirle	PRODU	UCTION ANALYST			
Title DEPUT	Y OIL & GAS INSPE	CTOR, DIST. #3		Date					
1100									
		NORTH PROCESS AND	W MEXICO PACKE	I FAKAGE TE	ST INSTRUC	TIONS			
						d zone snall remain shut-in while the zone which was pre-			
1. A packer leakage t	est shall be commenced completion of the well, an	on each multiply comple	ted well within	ly shut-in is p	ously produced produced.	a zone sizu reinzin siot-u. will a die zone will			
order authorizing the	multiple completion. Su	ch cests sinail also be con	imenced on all	7 Bassesses	for mar-2000	tests must be measured on each zone with a deadw			
nice treatment and wh	rithin seven days followin nenever remedial work ha	u been done on a weii di	iring which the	f h 0		vals as follows: 3 hours tests: immediately prior to the be fifteen-minute intervals during the first hour thereof, a			
nacker or the rubing ha	ive been disturbed. Tests i or when requested by t	shali aiso be taken at any	time that com-	1 -1: :		including one pressure measurement immediately prior to riod. 7-day tests: immediately prior to the beginning of			
3 As lower 73 hours to	rior to the commencemen	of any packer leakage to	st, the operator	a		ime during such flow period (at approximately the im-			
shall notify the Division	n in writing of the exact t	time the test is to be com	menced. Offset			or to the conclusion of each flow period. Other pressures ty be requested on wells which have previously shown of			
operators shall also be	so notified.			tionable test	data.	by be required to			

- 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 the lack of a pipeline connection the flow period shall be three hours.
- 5. Following completion of Flow Test No. 1, the weil shall again be shut-in, in accorcance with Paragraph 3 above.
 - Fow Teet No. 2 shall be conducted even though no jeak was indicated during Flow
- 24-hour oil zone tests: all pressures, throughout the entire test, shall 24-nour on 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 case, 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 8. The results of the above-described tests shall be filed in triplicate within 13 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).