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

perator		CONOCO	INC	Lease _	SAN JUA	N 28-7	Z	Well No. <u>81 (PM)</u>	
:	nit <u> </u>	Sec. <u>09</u>	Twp27_	Rge	07		County	RIO ARRIBA	
		NAME OF RESERVO	·	TYPE OF PROD. (Off or Gas)		METH	OD OF PROD. W or Art Liti)	PROD. MEDIUM (Tbg. or Cag.)	
ipper npietion	PICTURED		ED CLIFF	GAS	GAS		FLOW	TBG.	
ower mpletion	MESA VERD		ERDE	DE GAS		I	SLOW	TBG	
			. PRE-FLO	W SHUT-IN P	RESSURE I	ATA		·	
146	four, date shut-in Length of time shut-in			l-in	SI press. psig		Stabilized? (Yes or No)		
Jpper npletion	08-03-97		3-DAY		345			NO	
Lower	our, date s				SI press. pelg				
npietion	1						NO		
				FLOW TEST				· · · · · · · · · · · · · · · · · · ·	
consmenced at (hour, date)* 08-06-			08-06-97	6-97 PRESSURE		Zone producing (Upper or Lower):		LOWER	
TIN E (hour, date)		LAPSED TIME	Upper Completion	Lower Completion	PROD. ZONE TEMP.		REMARKS		
8-04-		1-DAY	205	321		1	водн	ZONES SHUTTN	
0- 01		2-DAYS	227	332			BOTH ZONES SHUT IN		
)8-0 <u>6-</u>		3-DAYS	345	340			BOTH ZONES SHUT IN		
08-07-		1-DAY	345	162			LOWER ZONE FLOWING		
)8 <u>-08</u> -	-97	2-DAYS	345	140			LOWE	R ZONE FLOWING	
		uring test	D based on	Bbls. i	a	Hours.	Gr	2v GOR	
25:			MCF	PD; Tested thn	ı (Orifice oı	Meter):			
			MID-TI	est shut-in p	RESSURE I	ATA			
Upper	lour, date :	shut-in	- Length of time she	Length of time shut-in		SI press, pelg		tabilized? (Yes or No)	
Lower ompletion	lour, date	shut-in	Length of time shi	Length of time shut-in		1-73	en en en	tabilized? (Yes or No)	
. <u></u> .					•	The state of the s	007 - 6		
				(Continue on	reverse side	, 🧐		(

			FLOW TEST	NO. 2	•			
Commenced at thour, o	(a to) * *			Zono producing (Upper or Lower):				
TIME	LAPSED TIME	PRESSURE		PROD. ZONE	REMARKS			
(hour, date)	SINCE **	Upper Completion	Lawer Completion	темр.				
		ļ						
								
j		ļ						
				-				
		<u> </u>	<u> </u>	<u> </u>	<u> </u>			
Production rate	during test				•			
	J			•				
Oil:	BOP	D based on	Bbls. i	n Hours	Grav GOR			
Gas:		мс	PD: Tested the	. (Orifice or Meter	·):			
<u> </u>			12. Idied un	a (Offfice of Meter)·			
Remarks:		. As arban me - a re						
New Mexico (Dil Conservation I	7 1997 Division	·	Operator CONOCO INC By Change Standard Supv.				
Tide	E e			Date 9-15	-97			
11tte			- 1 - 111 - 1 - 1	Date 173				
		NORTHWEST NEV	W MEXICO PACKER	LEAKAGE TEST INSTRU	CTIONS			
1. A packer leakage t	est shall be commenced	on each multiply complet	ed well within	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				
order authorizing the	multiple completion. Su	d annually thereafter as pe th tests shall also be com	menced on all					
multiple completions we ture treatment, and wh	rithin seven days followin senever remedial work ha	ng recompletion and/or ch is been done on a well du	remical or frac-					
packet or the tubing ha	ve been disturbed. Tests	shall also be taken at any						
munication is supervised	l ee when encourant ha d	ha Diminia	time that com-	bourly intervals thereafter.	, including one pressure measurement immediately prior to the			
munication is suspected	• •	he Divisioa.		hourly intervals thereafter, conclusion of each flow p	, including one pressure measurement immediately prior to the criod. 7-day tests: immediately prior to the beginning of each			
munication is suspected 2. At least 72 hours poshall notify the Division	rior to the commencements in writing of the exact (he Division. It of any packer leakage te time the test is to be come	it, the operator	hourly intervals thereafter, conclusion of each flow p flow period, at least one point) and immediately p	including one pressure measurement immediately prior to the criod. 7-day tests: immediately prior to the beginning of each time during each flow period (at approximately the midway rior to the conclusion of each flow period. Other pressures may			
munication is suspected 2. At least 72 hours poshall notify the Division operators shall also be s 3. The packer leakage	rior to the commencement in writing of the exact to notified. test shall commence who	he Division. It of any packer leakage te isme the test is to be come en both zones of the dual	nt, the operator menced. Offset completion are	hourly intervals thereafter, conclusion of each flow pe flow period, at least one point) and immediately pe be taken as desired, or me tionable test data.	including one pressure measurement immediately prior to the eriod. 7-day tests: immediately prior to the beginning of each time during each flow period (at approximately the midway rior to the conclusion of each flow period. Other pressures may lay be requested on wells which have previously shown ques-			
munication is suspected 2. At least 72 hours p shall notify the Division operators shall also be : 3. The packer leakage shut-in for pressure sta	rior to the commencement in in writing of the exact to no notified. Test shall commence who abilization. Both zones s	he Division. It of any packer leakage te- time the test is to be come In both zones of the dual hall remain shut-in until	et, the operator nenced. Offset completion are the well-head	hourly intervals thereafter, conclusion of each flow p flow period, at least one point) and immediately p be taken as desired, or m tionable test data. 24-hour oil zone tests: measured and recorded w	including one pressure measurement immediately prior to the eriod. 7-day tests: immediately prior to the beginning of each time during each flow period (at approximately the midway rior to the conclusion of each flow period. Other pressures may lay be requested on wells which have previously shown ques- each pressures, throughout the entire test, shall be continuously with recording pressure gauges the accuracy of which must be			
munication is suspected 2. At least 72 hours possall notify the Division operators shall also be a 3. The packer leakage shur-in for pressure sta pressure in each has stal than seven days.	riot to the commencement in in writing of the exact to no notified. test shall commence who abilization. Both zones so bilized, provided however	he Division. It of any packer leakage te- time the test is to be come orn both zones of the dual hall remain shut-in until , that they need not remain	nt, the operator menced. Offset completion are the well-head a shut-in more	hourly intervals thereafter, conclusion of each flow pe flow period, at least one point) and immediately pe be taken as desired, or me tionable test data. 24-hour oil zone tests: measured and recorded we checked at least twice, on deadweight pressure gauge	including one pressure measurement immediately prior to the criod. 7-day tests: immediately prior to the beginning of each time during each flow period (at approximately the midway rior to the conclusion of each flow period. Other pressures may lay be requested on wells which have previously shown questall pressures, throughout the entire test, shall be continuously rith recording pressure gauges the accuracy of which must be ce at the beginning and once at the end of each test, with a till a well is a gaz-oil or an oil-gas dual completion, the record-			
munication is suspected 2. At least 72 hours possall notify the Division operators shall also be a 3. The packer leakage shut-in for pressure sta pressure in each has stalt than seven days. 4. For Flow Test No. 1 rate of production while seven days in the case of an initial packer leakage an initial packer leakage	rior to the commencements in writing of the exact to notified. test shall commence whe abilization. Both zones a bilized, provided however, one zone of the dual control to the other zone remains fages well and for 24 hor	he Division. It of any packer leakage te- time the test is to be come on both zones of the dual hall remain shut-in until It that they need not remain impletion shall be produce shut-in. Such test shall be urs in the case of an oil we offowed to the atmosphere	et, the operator nenced. Offset completion are the well-head n shut-in more d at the normal continued for il. Note: if, on	hourly intervals thereafter, conclusion of each flow period, at least one point) and immediately p be taken as desired, or mationable test data. 24-hour oil zone tests: measured and recorded we checked at least twice, on deadweight pressure gauging gauge shall be require above being taken on the 8. The results of the aborcompletion of the test. Test	including one pressure measurement immediately prior to the criod. 7-day tests: immediately prior to the beginning of each time during each flow period (at approximately the midway fior to the conclusion of each flow period. Other pressures may lay be requested on wells which have previously shown questall pressures, throughout the entire test, shall be continuously ith recording pressure gauges the accuracy of which must be ce at the beginning and once at the end of each test, with a c. If a well is a gas-oil or an oil-gas dual completion, the recorded on the oil zone only, with deadweight pressures as required gas zone. **re-described tests shall be filed in triplicate within 15 days after to shall be filed with the Aztec District Office of the New Mexico			
munication is suspected 2. At least 72 hours possall notify the Division operators shall also be a substantial part of the pressure statement of the pressure in each has stated than seven days. 4. For Flow Test No. I rate of production while seven days in the case of an initial packer leakage of a pipeline connection. 5. Following complete dance with Paragraph 3	rior to the commencement in writing of the exact to notified. test shall commence whe shilization. Both zones a shillzed, provided however, one zone of the dual cone the other zone remains f a gas well and for 24 hor a test, a gas well is being in the flow period shall be on of Flow Test No. 1, to above.	he Division. It of any packer leakage te- time the test is to be come on both zones of the dual hall remain shut-in until It that they need not remain impletion shall be produce shut-in. Such test shall be urs in the case of an oil we offowed to the atmosphere	tt, the operator menced. Offset completion are the well-head a shut-in more if at the normal continued for il. Note: if, on due to the lack ut-in, in accor-	hourly intervals thereafter, conclusion of each flow period, at least one point) and immediately period, and immediately period and immediately period and interval and recorded with the conclusion of the cast with the completion of the cert. Tes Oil Conservation Division 10-01-78 with all deads	including one pressure measurement immediately prior to the criod. 7-day tests: immediately prior to the beginning of each time during each flow period (at approximately the midway rior to the conclusion of each flow period. Other pressures may lay be requested on wells which have previously shown questall pressures, throughout the entire test, shall be continuously rith recording pressure gauges the accuracy of which must be ce at the beginning and once at the end of each test, with a till a well is a gaz-oil or an oil-gas dual completion, the recorded on the oil zone only, with deadweight pressures as required			