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

Oil Conservation Division

Northwest New Mexico Packer-Leakage Test

Operator COP			Lea	ase Name	SAN JUAN 28-7 UNIT			Well No. 20A			
Location of Wel	I: Unit Letter	J	Sec	08	Twp	028N	Rge	007W	API #	30-039-2220	7
	Name of R	eservoir o	or Pool		Typ of Pr	e od		Method of Prod		Prod Medium	

		01 FT00	01 FIDU	Mediaili
Upper Completion	PC	Gas	Flow	Tubing
Lower Completion	MV	Gas	Artificial Lift	Tubing

Pre-Flow Shut-In Pressure Data

Upper	Hour, Date, Shut-In	Length of Time Shut-In	SI Press. PSIG	Stabilized?(Yes or No)
Completion	6/20/2017	192 hours	213	Yes
Lower	Hour, Date, Shut-In	Length of Time Shut-In	SI Press. PSIG	Stabilized?(Yes or No)
Completion	6/20/2017	370 hours	100	Yes

	Flow Test No. 1									
Commenced at:	6/28/2017		Zone Pro	oducing (Upper	or Lower): UPPER					
Time	Lapsed Time	PRESSURE		Prod Zone						
(date/time)	Since*	Upper zone	Lower zone	Temperature	Remarks					
6/28/2017 12:37:35 PM	12	213	100		flow = 56, LP = 60					
6/29/2017 11:31:25 AM	35	164	100		flow = 30, LP = 60					
7/3/2017 11:39:42 AM	131	109	100		Flow = 31, LP = 64,					
7/5/2017 10:55:23 AM	178	75	100		Flow = 33, Lp= 64					

Production rate during test

Oil:	BPOD Based on:	Bbls. In	Hrs.	Grav.	GOR
Gas	MCFPD; Te	st thru (Orifice or Mete	er)	Q	IL CONS. DIV DIST. 3
					JUL 1 1 2017

Mid-Test Shut-In Pressure Data

Upper Completion	Hour, Date, Shut-In	Length of Time Shut-In	SI Press. PSIG	Stabilized?(Yes or No)
Lower Completion	Hour, Date, Shut-In	Length of Time Shut-In	SI Press. PSIG	Stabilized?(Yes or No)

(Continue on reverse side)

Northwest New Mexico Packer-Leakage Test

		Flo	w Test No. 2					
Commenced at:			Zone Pro	oducing (Uppe	r or Lower)			
Time	Lapsed Time	PRES	SURE	Prod Zone				
(date/time)	Since*	Upper zone	Lower zone	Temperature	Remarks			
Production rate during	g test							
Oil: BPOI	D Based on:	Bbls. In	Hrs.		Grav. GOR			
Gas	MCEPD: Test t	hru (Orifice or M	leter)					
000								
Remarks:								
MV pressure = 100#,	20% crossover = 81;	#, PC pressure =	= 75#					
				to the base of				
I hereby certify that th	e information nerein o		and complete	to the best of	my knowledge.			
Approved: // .	N/S	20 / /	Opera	tor: COP				
New Mexico Oil Co	onservation Division		By:	Greg Valdez	Jr	_		
By: MM	5 Jann		Title:	Title: Multi-Skilled Operator				
Title: Der	outv Oil & Gas Ir	ispector.	Date:	Date: Monday, July 10, 2017				
	District #3			monday, our	,, 2011			
	NOR	THWEST NEWMEXICC	PACKER LEAKAGE	E TEST INSTRUCTIO	NS			
1. A packer leakage test shall be com	menced on each multiply completed we	ell within seven days after actu	al 6. Flow T	Fest No. 2 shall be conduc	ted even though no leak was indicated during Flow Test No. 1. Procedu	are		
Such tests shall also be commenced on a chemical or fracture treatment, and whe	all multiple completions within seven da never remedial work has been done on	ays following recompletion ar a well during which the packet	nd/or remain shut- er or	-in while the zone which v	as for now rest no. Texcept that the previously produced zone shall as previously shut-in is produced.			
the tubing have been disturbed. Tests sl requested by the Division.	hall also be taken at any time that comm	munication is suspected or who	en 7. Pressu	res for gas-zone tests mus	t be measured on each zone with a deadweight pressure gauge at time			
			intervals as intervals du	follows: 3 hours tests: imm ring the first hour thereof,	nediately prior to the beginning of each flow period, at fifteen-minute and at hourly intervals thereafter, including one pressure measurement			
2. At least 72 hours prior to the comp Division in writing of the exact time the	mencement of any packer leakage test, test is to be commenced. Offset opera	the operator shall notify the ators shall also be so notified.	immediately flow period,	prior to the conclusion of , at least one time during e	each flow period. 7-day tests: immediately prior to the beginning of each flow period (at approximately the midway point) and immediately p	ch rior		
			which have 24-hou	previously shown question ar oil zone tests: all pressu	The pressures may be taken as desired, or may be requested on wens table test data.	rded		
3. The packer leakage test shall comr stabilization. Both zones shall remain sl	nence when both zones of the dual com	npletion are shut-in for pressur ach has stabilized, provided	with records	24-nour 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				
however, that they need not remain shut	t-in more than seven days.		completion, above being	the recording gauge shall taken on the gas zone.	be required on the oil zone only, with deadweight pressures as required			
4. For Flow Test No. 1, one zone of	the dual completion shall be produced a	at the normal rate of production	on d for					
24 hours in the case of an oil well. Note atmosphere due to lack of a nineline con	e: if, on an initial packer leakage test, a nection the flow period shall be three l	ays in the case of a gas well an gas well is being flowed to th hours.	e 8. The re test. Tests	sults of the above-describe shall be filed with the Azte	d tests shall be filed in triplicate within 15 days after completion of the c District Office of the New Mexico Oil Conservation Division on			
			Northwest I thereon as v	New Mexico Packer Leak well as the flowing temper	Ige Test Form Revised 10-01-78 with all deadweight pressures indicated atures (gas zones only) and gravity and GOR (oil zones only).	i		

5.	Following	completion of	of Flow T	est No.	1, the well	shall agai	n be shut-in	, in accordance	with Parag	raph :
abo	ve.									

Page 2