Well

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator _	Tenned	o Oil	Company		Lea	ase Flor	rance	No. 36A
ocation							0	. L. Com 1
of Well: U	nit P Sec.	<u>3</u> T	'wp. 30N	The of	Hge	• <u>8W</u>	of Prod	nty <u>San Juan</u> Prod. Medium
	Name of Re	comini	food war	(Oil or	· Gas)	Method (Flow or	Art. Lift)	(Tbg. or Csg.)
Ilano a	Name of he	Servoii	01 1001	1011 01	0037	1 2000 01	111 01 22107	
Uppe r Completion	Fruitla	and	-	Gas		Flow		Tubing
Lower Completion	Mesa Vo	erd e		Gas		Flow		Tubing
JOHPH COLUM			PRE-F	LOW SHUT-	IN PRE	SSURE DATA		
Upper Hour,	date 12/	19/83	Length	of		SI pres	SS.	Stabilized?
Compl Shu	t-in 3:0	00 p.m	time shu	t-in 7	2 hours	psig	1210	(Yes or No) yes
11	20+0 12/	10/23	l I anoth	of.		ISI pres	55.	Stabilized? (Yes or No) no
Compl Shu	t-in 3:0	00 p.m.	time shu	it-in /	2 nours	psig	395	((les or No) no
	1 () 3-1	-\ <u>~</u> 1	2/22/83	12:00 poor	EST NO	7one ni	oducing (U	pper or Lower): lower
Commenced a	t (hour, dat Lapsed ti	mal mal	Prac	Sire	<u>' </u>	Prod. Zone	Oddoziig (o	por training to touch
(hour, date) since*	Ilnne	r Compl.	Lower Co	omol.	Temp.		Remarks
12/23/83	31100	- I SPPC						
12:00 noon	24 hours	5 1	210	250				
12/24/83								
12:00 noon	48 hours	5 1	210 -	235			A P	
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Production	rate during	te st						- COD
A:1.	ROPI) based	on	Bbl:	• in	Hr	5•	Grav. GOR
Gas:	1439	MCFP1): Testea	thru (or.	TITCE O	r meter):	<u>meter</u>	
			Length		-IN PAL	SSURE DATA		Stabilized?
Upper Hour,	, cate		time sh			Deig		(Yes or No)
Compl Shu Lower Hour,		···	Length			SI pre		Stabilized?
Compl Sh			time sh			psig		(Yes or No)
001-01				FLOW '	TEST NO). 2		
Commenced a	it (hour, dat	.e) ≍ ≭				Zone p	roducing (U	Upper or Lower):
Time	Lapsed to	ine	Pre	ssure		Frod. Zone		Demonica
(hour, date	t (hour, dat Lapsed to since **	* Upp	er Compl.	Lower Co	ompl.	Temp.	 	nemarks
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Projuction	rate during	tes t	67	2 ⊬1	e, in	Hrs.	Gra	av. GOR
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DEPUT	Y OIL & GAS INS	PECTOR, DI	S1. #3		~ : -	•	rv ia. in.	4

- A parter lookage test shall be commented on each multiply completed well within seven does after actual coapletion of the well, and someally thereafter as prescribed by the order authorizing the multiple completion. Such their shall also be commented on all multiple completions within seven days following recompletion mod/or chemical or fracture treatment, and whenever residual work has been done on a well during which the packer or the tubing have been distrumed. Tests shall also be taken at any time that communication is suspected or when requested by the Commission.
- 2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Commission 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 well-head pressure in each has stabilized, provided herever, 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 fixed 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 sbutin, in accordance with Faragraph 3 above.
- 6. Flow Test Wo. 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 came shall remain shut-in while the zone which was previously shut-in is produced.

T. Theregines for preservous tests must be measured on each rone with a double option pressure gauge at time intervals as fillows: 2-boar tests to sectately prior to the beginning of each flow-period, at fifteen a bute discreases during the first hour thereof, and at boundy intervals therestically including one pressure weakurement (awediately prior to the conclusion of each flow period. Teday tests: lawediately prior to the regioning of each flow period. Teday tests: lawediately prior to the regioning 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. (there pressures may be taken as desired, or may be requested on wells which have previously shown questionable test data.

24-bour oil zone tweets; 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 desdweight 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 Axtec District Office of the New Mexico Oil Conservation Commission on Northwest New Mexico Packer Leakage Test Form Revised 11-1-58, with all deadweight pressures indicated thereon as well as the flowing temperatures igns monus only) and gravity and GOR (oil mones only). A pressure versus time curve for each mone of each test shall be constructed on the reverse side of the Packer Leakage Test Form with all deadweight pressure points taken indicated thereon. For oil mones, the pressure curve should also indicate all key pressure changes which may be reflected by the recording gauge charts. These key pressure changes should also be tabulated on the front of the Packer Leakage Test Form.

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