STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

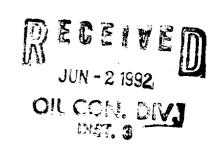
Location of Well: 0153111

OIL CONSERVATION DIVISION NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator: AMOCO PRODUCTION COMPANY Lease/Well #:NEIL L8 002A Meter #:89968 RTU:2-111-05 County:SAN JUAN

NAME RESERVOIR OR POOL				TYPE PROD	METHOD	PROD	MEDIUM PROD	
UPR COMP	NEIL LS 00	2A BMV 89		GAS	FLO	W	TBG	
LWR COMP	NEIL LS 00	2A BPC 89	968		GAS	FLO	W	TBG
		PF	E-FLOW	V SHUT-IN	RESSURE DA	TA		.
	Hour/Date	Shut-In	Leng	gth of Time	Shut-In	SI Pre	ss. PS	IG Stabilzed
UPR COMP	05/ 18 /92	2:00 Pm		170 h.	r5	4	121	1/25
LWR COMP	1 ,			93 hrs FLOW TEST DATE NO.1		383		1/25
FLOW TEST DATE NO.1								
Comme	nced at (ho	our,date);	t			Zon	e Prod	lucing (Upr Lwr)
TIME (hour, date)		LAPSED TIME SINCE*		PRI Upper	ESSURE Lower	Pro Tem		REMARKS
0!	5/ 18 /92	Day	1	-12	405			Both Zones SI
	5/ 19 /92	Day	2	_ //	- 99			Both Zones SI
0:	5/ 20 /92	Day	3	419	450	-		Both Zones SI
0	5/21/92	Day	4	221	385		16	wel lower me
0	5/22/92	Day	5	4	27.3			4
0	5/23/92	Day	6	- 26	<i></i>			4
Produ Oil:_ Gas:	ction rate	during to	based MFCP	on D:Tested t	BBLs in heu (Orific N PRESSURE	ce or Me		Grav GOR
	Hour, Date	e SI Lei	ngth o	f Time SI	SI Press	. PSIG	Stab	ilized (yes/no)
UPR COMP	36062 20%		22	2025	2 3			No
LWR			7	1/03			4.2	

(Continue on reverse side)



FLOW TEST NO. 2

	MTT		Zone producing (Upp	er er Lawert	
THE	LAPSED TIME SINCE **	PRESSURE		PROD. ZONE	
frour, date)		Upper Completion	Lower Completion	TEMP.	REMARKS
	1			1	·
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roduction rate d	haring too				
	iming and				
il:	BOI	PD based on	Bhie i	n Hours	Grav GOR
as:		мс	FPD: Tested thin	(Orifice of Meter	1):
			_	•	
emarks:					
					
L 1 '6					
netern certify t	hat the intorma	nou peteru coutri	ned is true and o	omplete to the be	at of my knowledge.
	.IIIN - 9	1000	••	. /	moco Prod.
New Merico C	Oil Conservation	Dimension	19	Cocrator	mscs 1100.
Mew Mexico C	Our Courses Astron	DIVISION		Ву	(lithellan)
r	Saturbul Course F	CHARLES OF STEAM		,	oracide .
V		CHARLES GEOLSON		Title of	eld tech
DEP	UTY OIL & GAS II	NSPECTOR, DIST. #3		1100	
ide				Date	5/26/92
					

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 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 recompletions and/or chemical or fracnuitiple completions within seven days following recompletions and/or chemical or fracrecommended in the result of the packer or the rubing here been distructed. Tests shall also be taken at any time that communication is suspected or when requested by the Division.
- 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.
- The packer leakage test shall commence when both zones of the dual completion are shur-in for prevoure subdistation. 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 shurein. Such uses shall be continued for several in the case of a gas well and for 24 hours in the case of an oil well. Note: if, on an initial ref leakage test, a gas well is being flowed to the animosphere due to the lack of a pipeline receion the flow period shall be three hours.
- 5. Following irrium of Flow Test No. 1, the well shall again be shot-in, in accordance with Purages chose.
- Flow Text'No. 2 22... r conducted even though no leak was indicated during Flow Text No. 1. Procedure for f ... Text No. 2 is to be the same as for Flow Text No. 1 except

- that the previously produced zone shall remain shus-in while the zone which was previous ly shut-in is produced.
- 7. Pressures for gas-zone texts must be measured on each some with a deadweight pressure gauge at time intervals as follows: 3 hours texts; 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 conclusion of each flow period, 7-day texts: 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 data.

24-hour oil sone text: all pressures, throughout the entire text, shall be continuously measured and recorded with recording pressure gauges the accuracy of which must be checked at least rover, once at the beginning and once at the end of each text, 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 sone only; with deadweight pressures as required above being taken on the gas sone.

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 Aster Duttrat 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 sones only).