NORTH TEST NEW MEXICO PACKER-LEAKAGE TEST

Mex and tell,

Operator Caulkins Oil Company			Lease Breech C			No. 689 M		
Location								
or well: Un	itL_Sec	12 Twp. 26	North Rg	e. o West	county	Y Rio Arriba		
	Name of Rese	rvoir or Pool	(Oil or Gas)	· Flow or	r Art. Lift)	Prod. Medium (Tbg. or Csg.) :		
Upper						•		
Lower	Completion Mesa Verde		Gas	3.	low	Tubing		
• Completion Dakota		Gas F			Tubing			
			LON SHUT-IN PR					
Compl Shut	Upper Hour, date 2:00 E: Length Compl Shut-in 9/2/82 time shu		of SI pre t-in 16% hrs. psig		255.	Stabilized? (XXX or No) No		
Lower Hour,	date 2:00 PM	Length	of	SI pre	253.	(XXX or No) No Stabilized?		
Compl Shut	-in 9/2/82	time shu	t-in 168	hrs. psig	934	(XXX or No) No		
Commenced at	(hour, date)	* 9 / 9/8 2 2: 9	FLOW TEST N	Zone r	producing (Uppe	er or kowerd:		
Time	Lapsed time	Pres	00 PM sure	Prod. Zone				
(hour, date)	since*	Upper Compl.	Lower Compl.	Temp.	Ren	marks		
9/2/82	*	901	934		Mesa Verde F	lowing		
2:30 PM 9/2/82	30 Min	694	026					
2:45 PM	l l	0,94	936	 -	Mesa Verde F	lowing		
9/0/82	45 Min	573	939		Mesa Verde F	lowing		
3:07 PM 9/2/82	1 Hr	507	94.5		Mana Maraka E	15		
4:07 PM		30,	フェー・		Mesa Varde Flowing			
9/0/82 5:00 PM	2 Hrs	39 2	945		Mesa Verde F	lowing		
		32 0	94 <i>5</i>		Mesa Verde F	lowing		
	ate during tes			!				
Oil:	BOPD ba	used on Tosted	Bbls. in_	Hr	sGra	wGOR		
		MID-T	thru (Orifice of EST SHUT-IN PR	ESSURE DATĀ				
Upper Hour,	الان 190 ت و الم	Length	of	SĪ pre	SS.	Stabilized? (Yes or No) No		
Compl Shut	date 2:00 PM	time shu Length	t-in 100 n	SI pre		(Yes or No) No Stabilized?		
Compl Shut	Lower Hour, date 2:00 PM Leng Compl Shut-in 9/2/82 time		it-in 339 hrs. psig			(Yes or We) Yes		
Commenced at			FLOW TEST NO	0.2				
Time	Lapsed time			Prod. Zone	roducing (XXXX	xxor Lower):		
(hour, date)			Lower Compl.		Remarks			
5:00 PM 9/19/52	72 hrs.	1231	35 0		Salara (A.)			
5:00 PM	 		330		Dakota Flowing			
9/21/82 5:00 PM	120 Urs.	1232	380		Dakota Flowi	ng		
9/23/82	108 Hrs.	12 33	316		Dakota Flowing			
						<u>"C</u>		
	 							
					RFFER			
					144[///	1		
Production ra	ate during tes	t			SEPSALL	4		
Oil:	BOPD ba	sed on	Bbls. in thru (Orifice	Hrs.	SEP 29 desp -	GOR		
Gas:		MCFPD; Tested	Bbls. in thru (Orifice	or Meter:	DIST COM			
				•	<u> </u>	,		
				· · · · · · · · · · · · · · · · · · ·		,		
hereby certi	fy that the i	oformation her	ein contained	is true and	d complete to	the best of my		
	SEP 9 y again				·	one best of my		
	マピレス 当時間。		Operator	Caulkin	s Oil Company			
pproved: 0il Conservation Division y Original Signed by CHARLES GHOLSON Title Superintendent								
Original Signed	by CHARLES GHOLS	M	Title Superintendent					
			litle	Superint	rendent			
itle DEPUTY OIL & GAS INSPECTOR, DIST. #3			Date 9/23/82					

SORTHURSES SEN DEXICO PACKER LEARAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiply completed self within seven days after actual completion of the well, and answally thereafter as prescribed by the order authorizing the multiple completion, such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and whenever recedial work has been done on a well during which the packer or the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Commission.

2. It 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 confliction are shut-in for pressure stabilization. Both zones shall remain post-in until the well-head pressure in each has stabilized, provided towers, that they need not remain shut-in more than seven days.

4. For flow lest 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. Islanding completion of flow lest No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.

5. (allowing completion of flow lest No. 1, the well shall again be shutin, in accordance with Paragraph 3 above.

6. (low lest No. 2 shall be conducted even though no leak was indicated during flow lest No. 1. Procedure for flow lest No. 2 is to be the same as for flow lest No. 1 except that the previously produced zone shall remain shut-in while the zone which was previously shut-in is produced.

7. Pressures for qua-zone tests must be measured on each zone with a deadweight pressure spage at time intervals as follows: 3 hours tests: immediately prior to the beginning of each flow-period, at fifteen-mirute 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 tests: 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 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 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 Aztec District Office of the New Mexico Oil Conservation Commission on Northwest New Mexico Packer Leakage Test Form Revised 11-1-38, with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only). A pressure versus time curve for each zone 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 zones, 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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