Submit 3 Copies to Appropriate Dist. Office

DISTRICT II

State of New Mexico Energy, Minerals and Natural Resources Department

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088

Revised 1-1-89

INSTRUCTIONS ON RE SIDE

This form is not to be used for reporting packer leakage tests in Northwest New Mexico

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator	Dann Branner 7		14	ease Purton Flat	Doon Unit	Well No. 3
Location C		nc.	Twp	Burton Flat	Deep Unit County	
of Well	891012391A	33	21S Type of Prod.	27E Method of Prod.	Edo	
<u></u>	Name of Reservoir	or Pool	(Oil or Gas)	Flow, Art Lift	Prod. Medium (Tog. or Csg)	Choke Size
Upper Compl	Strawn		Gas	Flow	TBG	
Lower Compl	Morrow		Gas	Compressor	TBG	
			FLOW T	EST NO. 1		
Both zo	nes shut-in at (hour, date):	10/07/20	02 9:30a	m		
Well opened at (hour, date): 10/08/2002 1:10pm					Upper Completion	Lower Completion
Indicate by (X) the zone producing					XXX	Completion
Pressure at beginning of test.					1200#	1082
Stabilized? (Yes or No)					Yes	Yes
			3	- 12	1200#	1096
Maximum pressure during test.				WED WI	40#	1008
Minimum pressure during test				O(1) AKTEDIA A	40#	1085
Pressure at conclusion of test. Pressure change during test (Maximum minus Minimum).					1160#	88;
Was pressure change an increase or a decrease?						Increase
,			••••••••••	Total Time On	Decrease	
Well clo Dil Prod	osed at (hour, date): <u>10/</u> duction	09/2002	1:10pm Gas Production	Production	24 hours	
During 1	Test: 0 bbls; Gi	rav	_ During Test	71.3	MCF; GOR	
Remarks	s					
	404	1401000	FLOW T	EST NO. 2	Upper	Lower
Well opened at (hour, date): 10/10/2002 11:55am					Completion	Completion
ndicate	by (X) the zone produ	cing	•••••••••••	••••••••••••		XXX
Pressure at beginning of test.					1098#	1096#
Stabilized? (Yes or No)					Yes	Yes
Maximum pressure during test						1096#
Minimum pressure during test						38#
Pressure at conclusion of test						38#
Pressure change during test (Maximum minus Minimum)					300#	1058#
Was pressure change an increase or a decrease?					Increase	Decrease
	sed at (hour, date) 10/1		11:55am	Total time on	hours	
ven cio	uction	rav.	Gas Production During Test	137 /		
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il produ Juring T		· · · · · · · · · · · · · · · · · · ·				
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Don Norman/Wildcat Measurement Ser Printed Name Title 1-888-421-9453

10/14/2002

INSTRUCTIONS FOR SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

- 1. 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 test shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and whenever remedial 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 Division.
- 2. 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.
- 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 and for minimum of two hours thereafter, provided, however, that they need not remain shut-in more than 24 hours.
- 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 until the flowing wellhead pressure has become stabilized and for minimum of two hours thereafter, provided however, that the flow test need not continue for more than 24 hours.
- 5. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.
- 6. Flow Test No. 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 zone shall remain shut-in while the previously shut-in zone is produced.
- 7. All pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges, the accuracy of which must be checked with deadweight tester at least twice, once at the beginning and once at the end, of each flow test.
- 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 appropriate District Office of the New Mexico Oil Conservation Division on Southeast New Mexico Packer Leakage Test Form Revised 1-1-89, together with the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In lieu of filing the aforesaid charts, the operator may construct a pressure versus time curve from each zone of each test, indicating thereon all pressure changes which may be reflected by the gauge charts as well as all deadweight pressure readings which were taken. If the pressure curve is submitted, the original chart must be permanently filed in the operator's office. Form C-116 shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.