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This form is not to

THE be used for reporting

packer leavage tests
in Northwest New Mexico

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Devator	<del></del>	<del></del>		Lease			Well No.	
Phillips Petroleum Company			Sims			<u>.</u>	4	
LOCATION OF WELL	Unit D	Sec. 24	Twp. 22 S	South	Age. 37 East	County	Lea	
	NAM	E OF RESERVOIR OR POOL	TYPE OF		ETHOD OF PROD. FLOW, ART LIFT	PROD, MEDIUM (Tog or Cag)	CHOKE SIZE	
Upper Compl.	Blinebry	у	Gas		Flow	Tbg.	14/64	
Lower Compl.	So. Brur	nson Drinkard-Abo	Gas		Flow	Tbg.	18/64	

## FLOW TEST NO. 1

Both zones shut in at (hour, date): 8:00 A.M. October 6, 1994  Well opened at (hour, date): 9:00 October 7, 1994	Upper Completion	Lower Completion
Indicate by (X) the zone producing		X
Pressure at beginning of test	165	320
Stabilized? (Yes or No)	Yes	Yes
Maximum pressure during test	170	320
Minimum pressure during test		90
Pressure at conclusion of test	0	95
Pressure change during test (Maximum minus Minimum)		230:-
Vas pressure change an increase or a decrease?	Increase	Decrease
Total Time On Well closed at (hour, diste): 9:00 A.M. October 8, 1994 Production	24 Hours	
Oil Production Ouring Test: 0 bbls; Grav. Gas Production 23.	9 MCF; GOI	R Dry Gas
lemarks:		
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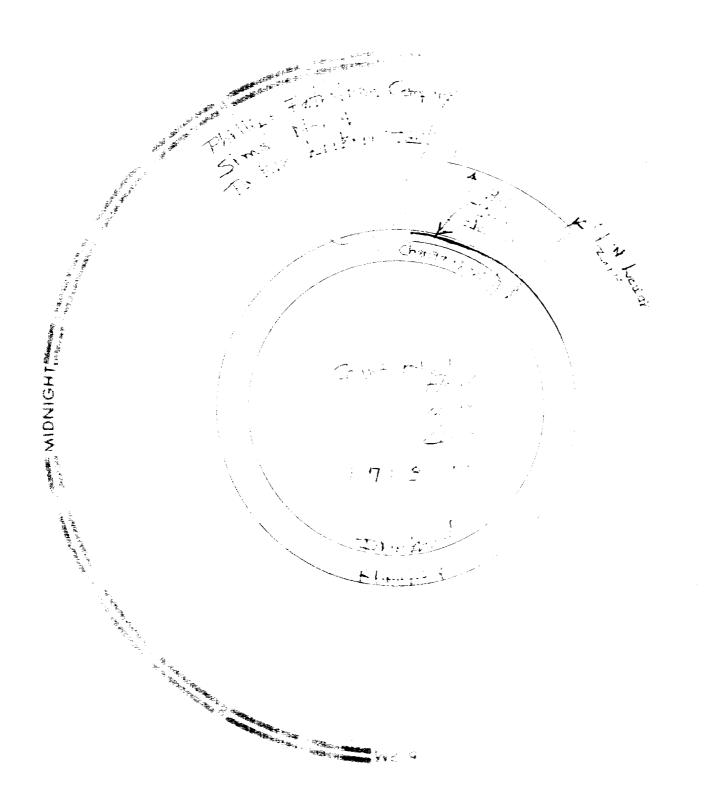
## FLOW TEST NO. 2

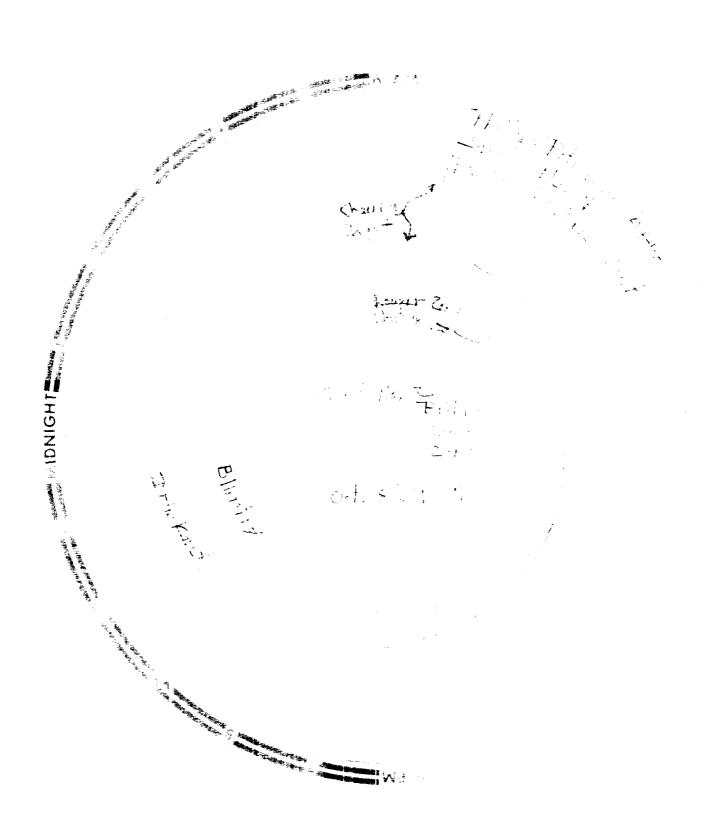
Well closed at (hour, date): 7:00 A.M. October 10, 1994 Total Time On 24 Hours  Oil Production	Well opened at (hour, date): 7:00 A.M. October 9, 1994	Upper Completion	Lower Completion
Stabilized? (Yes or No).  Yes Yes  Maximum pressure during test  185 380  Minimum pressure during test  70 370  Pressure at conclusion of test  70 380  Pressure change during test (Maximum minus Minimum)  Pressure change during test (Maximum minus Minimum)  Was pressure change an increase or a decrease?  Well closed at (hour, date): 7:00 A.M. October 10, 1994 Production  Oil Production  During Test:  Oil Production  During Test:  I hereby certify that the information herein contained is true and complete to the best of my knowledge.  OCT 19 1994  New Mexico Oil Conservation Division  By Contained  October 11, 1994	Indicate by (X) the zone producing	<u>X</u>	
Maximum pressure during test	Pressure at beginning of test	185	370
Maximum pressure during test  Minimum pressure during test  70 380  Pressure at conclusion of test  Pressure change during test (Maximum minus Minimum)  115 10  Was pressure change an increase or a decrease?  Well closed at (hour, date): 7:00 A.M. October 10, 1994 Production Oil Production During Test: 0 bbls; Grav.  Total Time On 24 Hours  Gas Production During Test: 8 MCF: GOR Dry Gas  Pressure change an increase or a decrease?  Thereby certify that the information herein contained is true and complete to the best of my knowledge.  OCT 19 1994  Approved OCT 19 1994  Pressure at conclusion of test  70 380  Pressure change during test  Total Time On 24 Hours  Out Production During Test: 8 MCF: GOR Dry Gas  Pressure change during test  Total Time On 24 Hours  Operator Phillips Petroleum Company  New Mexico Oil Conservation Division  By Engineer  Operator Phillips Petroleum Company  Remarks:  Operator Phillips Petroleum Company  New Mexico Oil Conservation Division  Operator Phillips Petroleum Company  Operator Phillips Petroleum Company	Stabilized? (Yes or No)	Yes	Yes
Pressure at conclusion of test	Maximum pressure during test	185	380
Pressure at conclusion of test	Minimum pressure during test	70	370
Pressure change during test (Maximum minus Minimum)  Was pressure change an increase or a decrease?  Well closed at (hour, date): 7:00 A.M. October 10, 1994 Production  Oil Production  During Test:  O bbls; Grav.  Gas Production  During Test  MCF: GOR  Dry Gas  Remarks:  I hereby certify that the information herein contained is true and complete to the best of my knowledge.  OCT 19 1994  New Mexico Oil Conservation Division  By  Title  Engineer  October 11, 1994	•	70	380
Well closed at (hour, date): 7:00 A.M. October 10, 1994 Production 24 Hours  Oil Production During Test: 0 bbls; Grav. Gas Production B MCF: GOR Dry Gas  Remarks:  I hereby certify that the information herein contained is true and complete to the best of my knowledge.  OCT 19 1994  Approved 19 Operator Phillips Petroleum Company  New Mexico Oil Conservation Division  By Engineer		115	10
Oil Production During Test: 0 bbls; Grav. During Test 8 MCF: GOR Dry Gas  Remarks:  I hereby certify that the information herein contained is true and complete to the best of my knowledge.  OCT 19 1994  Approved 19 Operator Phillips Petroleum Company  New Mexico Oil Conservation Division  By Engineer  October 11 1994		Decrease	Increase
Oil Production During Test: 0 bbls; Grav. During Test 8 MCF: GOR Dry Gas  Remarks:  I hereby certify that the information herein contained is true and complete to the best of my knowledge.  OCT 19 1994  Approved 19 Operator Phillips Petroleum Company  New Mexico Oil Conservation Division  By Engineer  October 11 1994	Well closed at (hour, date): 7:00 A.M. October 10, 1994 Production	On 24 Hours	- <u></u>
Approved	Oil Production G2s Product	tion o	Dry Gas
Approved	Remarks:		
Approved	: :		
New Mexico Oil Conservation Division  By Shall Wast  Engineer  October 11, 1994	nct 1 9 1994	D1-1111 D-+1 (	Company
By Engineer	New Mexico Oil Conservation Division	John West	
October 11 199/		Engineer	
Tide	Title Date	October 11, 1994	

## SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 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 tests 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 ruspected or when requested by the Dission.
- 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. Offser 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 a 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 a 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 shur-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 termain 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 13 days after completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation District on Southeast New Mexico Parker Leakage Test form Revised 11-01-38, 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 constituct a pressure serious time come for each zone of each test, indicating thereon all pressure charges which may be reflected by the gauge charts as well as all draidweight 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 Parker Leakage Test Form when the test period coincides with a gas-oil extinitiest period.





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