

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Phillips Petroleum Company			Lease Santa Fe		Well No. 18	
Location of Well	Unit B	Sec 34	Twp 17S	Rge 35E	County Lea	
Name of Reservoir or Pool		Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	Prod. Medium (Tbg or Csg)	Choke Size	
Upper Compl	Vacuum Yates		*THIS ZONE ABANDONED			
Lower Compl	Vacuum Grayburg-SA		oil	flow	tbg	16/64"

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10 AM, 1-15-68

Well opened at (hour, date): 10 AM, 1-16-68	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	*	X
Pressure at beginning of test.....	45	435
Stabilized? (Yes or No).....	yes	yes
Maximum pressure during test.....	45	435
Minimum pressure during test.....	45	135
Pressure at conclusion of test.....	45	135
Pressure change during test (Maximum minus Minimum).....	0	300
Was pressure change an increase or a decrease?.....	none	Decrease

Well closed at (hour, date): Grayburg left open to produce
Oil Production Gas Production
During Test: 105 bbls; Grav. 37.4 ; During Test 82 MCF; GOR 781

Remarks The Yates zone in this well is abandoned. Both zones SI 24 hours before starting above flow test of Grayburg zone. Grayburg zone left open for normal production after this flow test. Yates zone remains SI and abandoned.

FLOW TEST NO. 2

Well opened at (hour, date):	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		
Pressure at beginning of test.....		
Stabilized? (Yes or No).....		
Maximum pressure during test.....		
Minimum pressure during test.....		
Pressure at conclusion of test.....		
Pressure change during test (Maximum minus Minimum).....		
Was pressure change an increase or a decrease?.....		

Well closed at (hour, date):
Oil Production Gas Production
During Test: bbls; Grav. ; During Test MCF; GOR

Remarks

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved 1968 19
New Mexico Oil Conservation Commission

Operator Phillips Petroleum Company
By W. J. Mueller
Title Associate Reservoir Engineer
Date 1-19-68

1. A packer leakage test shall be commenced on each multiple completed well within seven days after actual completion of the well, and annually thereafter as required by the order authorizing the multiple completion. Such tests shall not be commenced on all multiple completions within seven days following completion and/or chemical or fracture treatment, and where ever remedial work has been done on a well during which the packer or the tubing head has been disturbed. Tests shall also be taken at any time that completion is suspended 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 and for a minimum of two hours thereafter, provided however, that they need not remain shut-in more than 24 hours.
4. For dual completion wells, one zone of the dual completion shall be produced at the normal planned production while the other zone remains shut-in. Such test shall be continued until the flowing wellhead pressure has become stabilized for the minimum of two hours thereafter, provided however, that the flow shall not be continuous for more than 24 hours.

5. The well shall be shut-in for at least 24 hours prior to the commencement of the test. The well shall again be shut-in after the test is completed.
6. The test shall be conducted in such a manner that no leak was indicated during the test. The test shall be conducted in such a manner that the test results shall be the same as the results of the previously produced zone shall be the same as the results of the previously produced zone.
7. The test shall be conducted in such a manner that the test results shall be the same as the results of the previously produced zone shall be the same as the results of the previously produced zone.
8. The test shall be conducted in such a manner that the test results shall be the same as the results of the previously produced zone shall be the same as the results of the previously produced zone.

