

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Shell Oil Company			Lease Rinewalt			Well No. 2	
Location of Well	Unit C	Sec 4	Twp 22-S	Rge 37-E	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	Tubb		Gas	Flow	Casing	18/64"	
Lower Compl	Drinkard		Oil	Flow	Tubing	24/64"	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 7:00 A.M., April 13, 1964

	Upper Completion	Lower Completion
Well opened at (hour, date): 7:00 A.M., April 14, 1964		
Indicate by ( X ) the zone producing.....	X	
Pressure at beginning of test.....	1350	740
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	1350	780
Minimum pressure during test.....	160	740
Pressure at conclusion of test.....	160	750
Pressure change during test (Maximum minus Minimum).....	1190	40
Was pressure change an increase or a decrease?.....	decrease	increase
Total Time On		
Well closed at (hour, date): 7:00 A.M., April 15, 1964	Production	24 hours
Oil Production	Gas Production	
During Test: 10 bbls; Grav. 46.1°	94.8 MCF; GOR	9483

Remarks

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): 7:00 A.M., April 16, 1964		
Indicate by ( X ) the zone producing.....		X
Pressure at beginning of test.....	1350	880
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	1460	880
Minimum pressure during test.....	1350	15
Pressure at conclusion of test.....	1460	15
Pressure change during test (Maximum minus Minimum).....	110	765
Was pressure change an increase or a decrease?.....	increase	decrease
Total time on		
Well closed at (hour, date): 7:00 A.M., April 17, 1964	Production	24 hours
Oil Production	Gas Production	
During Test: 3 bbls; Grav. 38.4°	6.3 MCF; GOR	2100

Remarks

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

Approved \_\_\_\_\_ 19 \_\_\_\_\_  
New Mexico Oil Conservation Commission

Operator Shell Oil Company  
By \_\_\_\_\_ S. B. Deal  
Title Division Production Superintendent  
Date April 30, 1964

By \_\_\_\_\_  
Title \_\_\_\_\_

well owner shall submit a log completed on each multiple completion thereafter as prescribed by the order authorizing the well, and annually. Such logs shall also be submitted on all multiple completions within seven days of testing, completion, and/or chemical or fracture treatment, and whenever remedial work has been done on a well during which the packer and tubing have been installed. Tests shall also be taken at any time that communication is restored or when requested by the Commission.

2. At least one person shall be notified of any packer leakage test the operator is to conduct. The notification in writing of the exact time the test is to be conducted shall also be so notified.

3. The price levels for the commodities from both zones of the dual economies are subject to the currency stabilization. Both zones shall remain stable until the price level in each of them has stabilized and for a minimum of 3 months. After that time has elapsed, the price level in the dual economy shall be subject to the price level in the rest of the economy. They need not remain

4. For flow within the core of the dual completion shall be produced at the normal flow rate until the other zone remains shut-in. Such test shall be continued until the flowing wellhead pressure has become stabilized and the gradient of the hours thereafter, provided however, that the test shall not be continued for more than 24 hours.

5. Following completion of this report, the Contractor shall submit a final report, in accordance with Paragraph 1.1.1.1. of the Contract.

6. Flow Test No. 2 shall be conducted by the same test crew used 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 plugged zone shall remain shut-in while the previously shut-in one is plugged.

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 a dead air test at least twice once at the beginning and once at the end of the test.

[illegible][illegible]