

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Shell Oil Company			Lease Rinewalt			Well No. 1		
Location of Well		Unit F	Sec 4	Twp 22S	Rge 37E	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	Blinebry			Gas	Flow	Casing		
Lower Compl	Drinkard			Oil	Flow	Tubing		32/64"

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 7:30 AM, February 24, 1963

Well opened at (hour, date): 7:50 AM, February 25, 1963	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	882	674
Stabilized? (Yes or No).....	No	No
Maximum pressure during test.....	927	674
Minimum pressure during test.....	882	43
Pressure at conclusion of test.....	927	43
Pressure change during test (Maximum minus Minimum).....	45	631
Was pressure change an increase or a decrease?.....	Increase	Decrease
Well closed at (hour, date): 7:50 AM, February 26, 1963	Total Time On Production	24 hours
Oil Production During Test: 4 bbls; Grav. 36.3° API;	Gas Production During Test 184.6 MCF; GOR	46,150

Remarks

FLOW TEST NO. 2

Well opened at (hour, date): 8:00 AM, February 27, 1963	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	969	647
Stabilized? (Yes or No).....	No	No
Maximum pressure during test.....	969	788
Minimum pressure during test.....	667	647
Pressure at conclusion of test.....	667	788
Pressure change during test (Maximum minus Minimum).....	302	141
Was pressure change an increase or a decrease?.....	Decrease	Increase
Well closed at (hour, date) 8:00 AM, February 28, 1963	Total time on Production	24 hours
Oil Production During Test: 7 bbls; Grav. 46.4° API;	Gas Production During Test 756.2 MCF; GOR	108,029

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 March 15, 1963

By _____
Title _____

CLASS NEW RELIANT PACKER LEAKAGE TEST INSTRUCTIONS

§ 8. Sampling test shall be commenced on each multiple completed well within three days after actual completion of the well and sampling shall be as prescribed by the order authorizing the multiple completion. Sampling shall also be commenced on all multiple completions with, severe, or moderate completion and/or fracture treatment, and after any treatment work has been done on a well during which the packer or the tubing has been disturbed. Tests shall also be taken at any time that has been requested or when requested by the Commission.

notify the Commission in writing of the exact time the
Officer operators shall also be so notified

When the pressure in both zones has been stabilized, the pressure in each zone shall remain constant for a period of 15 minutes. It is further provided however, that they need not remain constant for the entire 15 minutes.

the Zone of the dual completion shall be produced until the other zone remains shut-in. Such production shall continue until the flowing wellhead pressure has become stabilized for two hours thereafter; provided, however, that production shall continue for more than 14 hours.

9. following completion of Flow Test No. 100-124, be shut-
10 in accordance with Paragraph 7 above.

4. Flow Test No. 2 shall be conducted over rough, or leak gas 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 be kept shut-in while the previously shut-in zone is produced.

2. All pressures throughout the entire test shall be continuously measured and recorded with recording pressure gauges. The calibration of which must be checked with a deadweight tester at intervals of 15 days beginning and once at the end of each 90-day test.

The results of the above-described tests shall be saved in duplicate, one in 5 days after completion of the test, and the other shall be kept with the appropriate District Office of the New York City Department of Transportation on Southeast New Mexico Parkway, between New York Boulevard and the bridge, together with the original pressure recording, gauge charts, and the deadweight pressures which were taken indicating the condition of the filling of the aforesaid charts, the operator may indicate the condition of the pressure curve for each zone of each test, indicating the condition of the gauges which may be reflected by the gauge charts as well as the deadweight pressures which were taken. In the pressure chart, the original, the original chart must be permanently filed in the file of the test. Form 6-116 shall also accompany the original chart and the test period coincides with a gauge chart.

