

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Tidewater Oil Company			Lease State "J"			Well No. 3	
Location of Well		Unit F	Sec 17	Twp 19-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	Eumont			Gas	Flow	Csg.	-
Lower Compl	Monument			Oil	Gas Lift	Tbg.	-

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:00 A.M., 10-15-65

Well opened at (hour, date):	10:00 A.M., 10-16-65	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....			X
Pressure at beginning of test.....		765	185
Stabilized? (Yes or No).....		Yes	Yes
Maximum pressure during test.....		765	185
Minimum pressure during test.....		765	15
Pressure at conclusion of test.....		765	20
Pressure change during test (Maximum minus Minimum).....		0	170
Was pressure change an increase or a decrease?.....		No Change	Decrease
Well closed at (hour, date):	10:00 A.M., 10-17-65	Total Time On Production	24 Hrs.
Oil Production	Gas Production		
During Test: 0 bbls; Grav. -	; During Test *TSTM	MCF; GOR	-
Remarks	*Too small to measure		

FLOW TEST NO. 2

Well opened at (hour, date):	10:00 A.M., 10-18-65	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X	
Pressure at beginning of test.....		750	20
Stabilized? (Yes or No).....		Yes	Yes
Maximum pressure during test.....		750	20
Minimum pressure during test.....		700	20
Pressure at conclusion of test.....		700	20
Pressure change during test (Maximum minus Minimum).....		50	0
Was pressure change an increase or a decrease?.....		Decrease	No Change
Well closed at (hour, date)	10:00 A.M., 10-19-65	Total time on Production	24 Hrs.
Oil Production	Gas Production		
During Test: 0 bbls; Grav. -	; During Test 348	MCF; GOR	-
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 Tidewater Oil Company
Original Signed By _____
C. L. WADE
Title Area Supt.
Date October 19, 1965

2. The value of ΔH for the reaction $2H_2(g) + O_2(g) \rightarrow 2H_2O(l)$ is -571.6 kJ/mol . The value of ΔH for the reaction $H_2(g) + \frac{1}{2}O_2(g) \rightarrow H_2O(l)$ is -285.8 kJ/mol .

3 The parties have agreed that the Commission will not
compete with the private sector in providing staff training
shut out of the market by the pressure of the private
sector. It will only provide services provided by the private
sector at a price of 50% of the market price.

4. The results of the Zone 2 test were similar to the Zone 1 test at the normal rate of competition while the Zone 3 test showed a significant difference until the fourth well where the state sized population was significantly higher than the two field populations. The results of the Zone 4 test were similar to the Zone 3 test.

Continuation of FD-302 (Form 10-6-75) of James Earl Ray, File No. 44-38861-100
 Date of this transcription 10/1/77
 Page 1 of 1

On 10/1/77 at San Francisco, California
 I, James Earl Ray, being duly sworn, depose and say that I am the author of the letterhead memorandum dated 9/29/77, captioned as above, and that the contents of said letterhead memorandum are true and correct to the best of my knowledge and belief.

Subscribed and sworn to before me on the day and date first above written.

Notary Public in and for the State of California

My commission expires on 10/1/77

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Flow Test No. 1 shall be conducted over enough time to allow Flow Test No. 1. Procedure for Flow Test No. 1 except that the previously provided 2 at 1000 psi while the previously shown is retained.

Pressures throughout the entire test shall be continuously measured and recorded with recording pressure gauges. The gauges must be checked with a deadweight tester at least twice during any one of the four days of each five-day test.

The results of the above-described tests shall be reported in the form of a test report, to be filed in the appropriate District Office of the New Mexico Oil Conservation Commission, Southeast New Mexico Packer Leakage Test Form Revised. The test report shall be prepared in accordance with the original pressure recording gauge charts and the eight pressures which were taken indicated thereon. In addition, the above said charts are operative and should be placed in the zone to have 20' each zone of each test, indicating thereon a pressure reading which may be reflected by the gauge charts as well as a pressure reading which were taken. If the pressure curve is not shown on the original chart must be permanently filed in the operator's file. Form C-1110 shall also accompany the Packer Leakage Test report. The test period coincides with a gas ratio test period.

[illegible]

OCT 20 11 40 AM '65