

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Humble Oil & Refining Company			Lease South Four Lakes Unit			Well No. 6	
Location of Well	Unit I	Sec 2	Twp 12-S	Rge 34-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	Penn.		Oil	F	Tbg.	12/64	
Lower Compl	Devonian		Gas-Cond.	F	Tbg.	16/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): **1:30 P. M. 10-10-61**

Well opened at (hour, date): **10:30 A. M. 10-11-61**

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	-	X
Pressure at beginning of test.....	962	1463
Stabilized? (Yes or No).....	Yes	200
Maximum pressure during test.....	962	Yes
Minimum pressure during test.....	962	1463
Pressure at conclusion of test.....	962	200
Pressure change during test (Maximum minus Minimum).....	0	1263
Was pressure change an increase or a decrease?.....	-	Decrease

Well closed at (hour, date): **7:30 A. M. 10-12-61** Total Time On Production **21 Hours**

Oil Production During Test: **203** bbls; Grav. **59.1**; Gas Production During Test **666** MCF; GOR **3280**

Remarks **Had continuous trouble with 1/8" steel recorder lines plugging with ice and paraffin.**
Had to keep blowing lines out.

FLOW TEST NO. 2

Well opened at (hour, date): **2:15 P. M. 10-12-61**

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	-
Pressure at beginning of test.....	962	1340
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	962	1340
Minimum pressure during test.....	600	1340
Pressure at conclusion of test.....	600	1340
Pressure change during test (Maximum minus Minimum).....	362	0
Was pressure change an increase or a decrease?.....	Decrease	-

Well closed at (hour, date): **9:30 A. M. 10-13-61** Total time on Production **19 Hr. 15 Min.**

Oil Production During Test: **123** bbls; Grav. **48.3**; Gas Production During Test **166** MCF; GOR **1350**

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

By _____

Operator **Humble Oil & Refining Co.**

By **ORIGINAL**
SIGNED: ARVIN D. EADY

Title **Agent**

October 17, 1961

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At the completion of the well, and annually thereafter, the Commission shall authorize the multiple completion, and the well shall be completed within seven -

10 days of the completion of the well, and when the well is completed, the well shall be tested, and when the well is tested, the well shall also be tested during which the tester of the well shall also be tested at any time that con-

15 sidered by the Commission.

1. The following procedures shall be followed in the event of a leakage test:
a. The test shall be conducted in the presence of the Commission in writing of the exact time the test is conducted.
b. The test shall be conducted in the presence of the operators shall also be so notified.

[illegible]

and will be of the same nature and extent. Such a finding, if made, would be a basis for a finding that the defendant's conduct was negligent, provided, however, that the defendant was not acting reasonably in the circumstances.

On July 10, 1968, the following was received from the Bureau of Land Management:

"The following information was obtained from the Bureau of Land Management, Denver, Colorado, regarding the status of the land owned by the United States in the area of the proposed project." The information was as follows:

The land owned by the United States in the area of the proposed project is located in the State of Colorado, in accordance with the following description:

6. Flow Test No. 2 was conducted at the same location as Flow Test No. 1 during Flow Test No. 1. The duration for Flow Test No. 2 was 10 minutes, the same as for Flow Test No. 1. The test was conducted at the same location as the main shut-in while the previously shut-in zone was produced.

7. All pressures, throughout the entire test, shall be continuously measured and recorded with recording gages. The gages, which must be checked with a deadweight tester, shall be checked 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 15 days after completion of the test. They shall be filed with the appropriate District Office of the New Mexico Conservation Commission on Southeast New Mexico Packer Leverage and Farm Sprinkler, Inc., together with the original pressure recording and the half inch diameter deadweight pressure gauge were tested and approved. The operator shall file the original data and time curve for each zone of each test. Forwarding a time curve and pressure changes which may be indicated in the pressure recording and the deadweight pressure reading, which shall be taken. If the pressure recording is submitted, the original, shall be submitted. The pressure recording shall be filed in the District Office. Form C-16 shall also accompany the pressure recording and the time curve when the test is completed.