

NEW MEXICO OIL CONSERVATION COMMISSION  
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator <b>ALBERT GACKLE</b>			Lease <b>H. E. ESMOND "B"</b>			Well No. <b>3</b>	
Location of Well	Unit <b>H</b>	Sec <b>33</b>	Twp <b>22 SOUTH</b>	Rge <b>36 EAST</b>	County <b>LEA</b>		
	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	<b>JALMAT</b>		<b>GAS</b>	<b>FLOW</b>	<b>TUBING</b>	<b>24/64</b>	
Lower Compl	<b>SOUTH EUNICE</b>		<b>OIL</b>	<b>PUMP</b>	<b>TUBING</b>	<b>OPEN</b>	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:00 A.M. 8-20-67

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>9:30 A.M. 8-21-67</u>		
Indicate by ( X ) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>80</u>	<u>45</u>
Stabilized? (Yes or No).....	<u>YES</u>	<u>YES</u>
Maximum pressure during test.....	<u>80</u>	<u>50</u>
Minimum pressure during test.....	<u>0</u>	<u>50</u>
Pressure at conclusion of test.....	<u>0</u>	<u>50</u>
Pressure change during test (Maximum minus Minimum).....	<u>80</u>	<u>5</u>
Was pressure change an increase or a decrease?.....	<u>DECREASE</u>	<u>INCREASE</u>
Well closed at (hour, date): <u>9:30 A.M. 8-22-67</u>	Total Time On Production <u>24 HOURS</u>	
Oil Production	Gas Production	
During Test: <u>12</u> bbls; Grav. <u>35</u> ;	During Test <u>4.56</u> MCF; GOR <u>381</u>	
Remarks <u>IT APPEARS THAT THERE MAY BE COMMUNICATION BETWEEN THE ZONES</u>		
<u>EITHER BY THE PACKER OR AROUND</u>		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>( 9:30 A.M. 8-23-67</u>		
Indicate by ( X ) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>105</u>	<u>50</u>
Stabilized? (Yes or No).....	<u>YES</u>	<u>YES</u>
Maximum pressure during test.....	<u>105</u>	<u>50</u>
Minimum pressure during test.....	<u>0</u>	<u>50</u>
Pressure at conclusion of test.....	<u>0</u>	<u>50</u>
Pressure change during test (Maximum minus Minimum).....	<u>105</u>	<u>NONE</u>
Was pressure change an increase or a decrease?.....	<u>DECREASE</u>	<u>NONE</u>
Well closed at (hour, date) <u>9:30 A.M. 8-24-67</u>	Total time on Production <u>24 HOURS</u>	
Oil Production	Gas Production	
During Test: <u>0</u> bbls; Grav. <u>—</u> ;	During Test <u>5.6</u> MCF; GOR <u>—</u>	
Remarks <u>THERE WAS NO OIL PRODUCED FROM THIS ZONE</u>		

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 \_\_\_\_\_  
Title \_\_\_\_\_

Operator ALBERT GACKLE  
By John W. West  
Title ENGINEER  
Date SEPT. 5, 1967

## INSTRUCTIONS

[illegible]

2. At least 24 hours before the beginning of any packer leakage test, the operator shall submit to the District Engineer the exact time the test is to be conducted. The District Engineer shall also be so notified.

1. Both zones of the dual  
 2. 3. Both zones shall remain  
 4. 5. shall be sized and for a mini-  
 6. 7. shall be sized and for a mini-

at the discretion of the Engineer. The completion shall be produced  
test has been completed. If the zone remains shut-in. Such  
stabilizing pressure shall be maintained. If the pressure has become  
found to be satisfactory. The completion shall be produced.

5. Following completion of the above, the Contractor shall submit a final report to the Engineer, in accordance with the requirements of the contract documents.

6. Flow Test 4: During Flow Test 4, the main shut-off valve is closed as for Flow Test 3. The flow rate is measured during Flow Test 4.

7. All pressures in the measured and recorded air which must be checked at beginning and end of it.

8. The results of the test were as follows: Within 10 days after the start of the test, the appropriate tests were made by the mission on South Island together with the deadweight pressure test, filing the above-mentioned time curve for the changes which take place in weight pressure during the period of the test. It was admitted, the original office Form 7-60, when the test was



