

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Gulf Oil Corporation			Lease Anderson			Well No. 4		
Location of Well		Unit B	Sec 17	Twp 20S	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 Eumont				Gas	Flow	Csg.		---
Lower Compl Monument				Oil	Pump	Tbg.		2" WD

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:45 a.m., 6-21-65

Well opened at (hour, date):	Upper Completion	Lower Completion
<u>8:45 a.m., 6-22-65</u>		
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>788</u>	<u>64</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>799</u>	<u>64</u>
Minimum pressure during test.....	<u>788</u>	<u>10</u>
Pressure at conclusion of test.....	<u>799</u>	<u>23</u>
Pressure change during test (Maximum minus Minimum).....	<u>11</u>	<u>54</u>
Was pressure change an increase or a decrease?.....	<u>Incr.</u>	<u>Decr.</u>
Well closed at (hour, date): <u>8:45 a.m., 6-23-65</u>	Total Time On Production <u>24 hrs</u>	
Oil Production <u>235 bbl</u>	Gas Production	
During Test: <u>9</u> bbls; Grav. <u>30.2</u>	; During Test <u>6.0</u> MCF; GOR <u>668</u>	

Remarks _____

FLOW TEST NO. 2

Well opened at (hour, date):	Upper Completion	Lower Completion
<u>8:45 a.m., 6-24-65</u>		
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>803</u>	<u>70</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>803</u>	<u>70</u>
Minimum pressure during test.....	<u>525</u>	<u>36</u>
Pressure at conclusion of test.....	<u>525</u>	<u>36</u>
Pressure change during test (Maximum minus Minimum).....	<u>278</u>	<u>34</u>
Was pressure change an increase or a decrease?.....	<u>Decr.</u>	<u>Decr.</u>
Well closed at (hour, date): <u>8:45 a.m., 6-25-65</u>	Total time on Production <u>24 hrs</u>	
Oil Production <u>0</u>	Gas Production <u>3630.0</u>	
During Test: <u>0</u> bbls; Grav. <u>---</u>	; During Test <u>---</u> MCF; GOR <u>---</u>	

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 _____
Title _____

Operator J. W. Davis

By J. W. Davis
Title Well Tester
Date 6-28-65

[illegible]

2. At least 7 days prior to the commencement of any backcheck test the operator shall advise the Commission in writing of the date the test is to be commenced. Offset operators shall also:

3. The packer leakage test shall commence when both zones of the well completion are shut-in for pressure stabilization. Both zones shall remain shut-in until the well-head pressure in each has stabilized and for a minimum of two hours the latter provided however that the well is to remain shut-in for at least 8 hours.

4. For Flow Rate 1, one zone of the total completion shall be produced at the highest rate of production while the other zone, which shall be the test shaft, shall be produced until the flow is wellhead pressure has been stabilized and has a minimum of two hours thereafter, after which time, that the flow shall not continue for more than 24 hours.

[illegible]

1. The first step is to identify the key components of the system. This includes understanding the hardware, software, and data involved.

[illegible]