

NEW MEXICO OIL CONSERVATION DIVISION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Revised June 9, 2003
30-025-37351

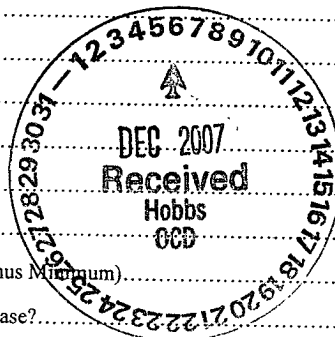
Operator Chesapeake Lease Neuhaus 14 Fed. Well No. 5
Location Of Well: Unit _____ Section 14 Township 20-S Range 35E County LEA

	Name of Reservoir or Pool	Type of Prod. (Oil or Gas)	Method of Prod. (Flow Art. Lift)	Prod. Medium (Tbg. Or Cag.)	Choke Size
Upper Completion	<u>Bone Springs</u>	<u>Oil</u>	<u>Pumping</u>	<u>Tbg</u>	
Lower Completion	<u>Morrow</u>	<u>Gas</u>	<u>Flow</u>	<u>Tbg</u>	<u>16/64</u>

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:30 AM 11/26/07

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>10:30 AM 11/27/07</u>		
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>178</u>	<u>1737</u>
Stabilized? (Yes or No).....	<u>Y</u>	<u>N</u>
Maximum pressure during test.....	<u>*424</u>	<u>1826</u>
Minimum pressure during test.....	<u>78</u>	<u>1737</u>
Pressure at conclusion of test.....	<u>39</u>	<u>1826</u>
Pressure change during test (Maximum minus Minimum).....	<u>385</u>	<u>89</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>Increase</u>
Well closed at (hour, date): <u>10:30 AM 11/28/07</u>	Total Time On Production <u>24 Hrs.</u>	
Oil Production During Test: <u>22</u> bbls; Grav. _____	Gas Production During Test <u>46</u>	MCF; GOR <u>2.09</u>
Remarks: _____		



*Behind Back Pressure Valve

FLOW TEST NO. 2

Both zones shut-in at (hour, date): 10:30 AM 11/28/07

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>10:30 AM 11/29/07</u>		
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>78</u>	<u>1864</u>
Stabilized? (Yes or No).....	<u>N</u>	<u>N</u>
Maximum pressure during test.....	<u>*424</u>	<u>1864</u>
Minimum pressure during test.....	<u>39</u>	<u>874</u>
Pressure at conclusion of test.....	<u>39</u>	<u>874</u>
Pressure change during test (Maximum minus Minimum).....	<u>385</u>	<u>990</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>Decrease</u>
Well closed at (hour, date): <u>Left Flowing</u>	Total Time On Production <u>24 Hrs.</u>	
Oil Production During Test: <u>40</u> bbls; Grav. _____	Gas Production During Test <u>586</u>	MCF; GOR <u>14.65</u>
Remarks: _____		

Meru Buecker for Pro Well Testing

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved Larry W. Wink 12/6 20 07
New Mexico Oil Conservation Division

By Larry W. Wink
Title STAFF MANAGER

Operator CHESAPEAKE
By Ralph Skinner
Title PROD. SUPV.
E-mail Address _____
Date 12/6/07