

SOUTHEAST NEW MEXICO Packer Leakage Test

Operator <u>Gulf Oil Corporation</u>				Lease <u>Littlefield EM Federal</u>		Well No. <u>1</u>	
Location of Well	Unit <u>J</u>	Sec <u>20</u>	Twp <u>18S</u>	Rge <u>31E</u>	County <u>Eddy</u>		
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 <u>North Shugart Atoka</u>		<u>Gas</u>	<u>Flow</u>	<u>Tbg</u>	<b>RECEIVED</b>		
Lower compl <u>North Shugart Morrow</u>		<u>Gas</u>	<u>Flow</u>	<u>Tbg</u>	<b>AUG 19 1983</b>		

**O. C. D.**  
**ARTESIA OFFICE**

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:30 Am 8/1/83

Well opened at (hour, date): 9:30 Am 8/2/83

Indicate by ( X ) the zone producing.....	<u>X</u>	Upper Completion	Lower Completion
Pressure at beginning of test.....	<u>1560</u>	<u>1675</u>	<u>1675</u>
Stabilized? (Yes or No).....	<u>yes</u>	<u>yes</u>	<u>yes</u>
Maximum pressure during test.....	<u>1560</u>	<u>1675</u>	<u>1675</u>
Minimum pressure during test.....	<u>475</u>	<u>1360</u>	<u>1360</u>
Pressure at conclusion of test.....	<u>475</u>	<u>1360</u>	<u>1360</u>
Pressure change during test (Maximum minus Minimum).....	<u>-1085</u>	<u>-315</u>	<u>-315</u>
Gas pressure change an increase or a decrease?.....	<u>decrease</u>	<u>decrease</u>	<u>decrease</u>

Well closed at (hour, date): 9:30 Am 8/3/83 Total Time On Production 24 hrs

Oil Production During Test: 16 bbls; Grav. 55.4; Gas Production During Test 910.00 MCF; GOR 56,875

Remarks \_\_\_\_\_

FLOW TEST NO. 2

Well opened at (hour, date): 9:30 Am 8/4/83

Indicate by ( X ) the zone producing.....	<u>X</u>	Upper Completion	Lower Completion
Pressure at beginning of test.....	<u>1640</u>	<u>1715</u>	<u>1715</u>
Stabilized? (Yes or No).....	<u>yes</u>	<u>yes</u>	<u>yes</u>
Maximum pressure during test.....	<u>1640</u>	<u>1715</u>	<u>1715</u>
Minimum pressure during test.....	<u>1038</u>	<u>238</u>	<u>238</u>
Pressure at conclusion of test.....	<u>1038</u>	<u>238</u>	<u>238</u>
Pressure change during test (Maximum minus Minimum).....	<u>-602</u>	<u>-1477</u>	<u>-1477</u>
Gas pressure change an increase or a decrease?.....	<u>decrease</u>	<u>decrease</u>	<u>decrease</u>

Well closed at (hour, date) 9:30 Am 8/4/83 Total time on Production 24

Oil Production During Test: 5 bbls; Grav. \_\_\_\_\_; Gas Production During Test 340.0 MCF; GOR 68,000

REMARKS: \_\_\_\_\_

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

Approved: \_\_\_\_\_ 19 \_\_\_\_\_  
Oil Conservation Division

Operator Gulf Oil Corporation  
By JW Haulman  
Title Well Tester  
Date 8/15/83