

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Gulf Oil Corporation			Lease Arnett-Ramsey "D"			Well No. 7	
Location of Well	Unit M	Sec 33	Twp 21S	Rge 36E	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	Jalnet		Oil	Flow	Tbg.		40/64"
Lower Compl	South Eunice		Oil	Pump	Tbg.		2" WO

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:45 a.m., 9-21-64

Well opened at (hour, date): 9:45 a.m., 9-22-64

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u> </u>	<u>X</u>
Pressure at beginning of test.....	<u>180</u>	<u>102</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>184</u>	<u>102</u>
Minimum pressure during test.....	<u>180</u>	<u>32</u>
Pressure at conclusion of test.....	<u>184</u>	<u>32</u>
Pressure change during test (Maximum minus Minimum).....	<u>4</u>	<u>70</u>
Was pressure change an increase or a decrease?.....	<u>Incr. &</u>	<u>Decr.</u>

Well closed at (hour, date): 9:45 a.m., 9-23-64

Oil Production	Gas Production	Total Time On Production
During Test: <u>10</u> bbls; Grav. <u>36.3</u> ;	During Test <u>91.0</u> MCF; GOR <u>9100</u>	<u>24 hrs</u>

Remarks _____

FLOW TEST NO. 2

Well opened at (hour, date): 9:45 a.m., 9-24-64

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	<u> </u>
Pressure at beginning of test.....	<u>169</u>	<u>102</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>180</u>	<u>107</u>
Minimum pressure during test.....	<u>10</u>	<u>102</u>
Pressure at conclusion of test.....	<u>31</u>	<u>107</u>
Pressure change during test (Maximum minus Minimum).....	<u>170</u>	<u>5</u>
Was pressure change an increase or a decrease?.....	<u>Decr.</u>	<u>Incr.</u>

Well closed at (hour, date): 9:45 a.m., 9-25-64

Oil Production	Gas Production	Total time on Production
During Test: <u>15</u> bbls; Grav. <u>37.5</u> ;	During Test <u>268.0</u> MCF; GOR <u>17,867</u>	<u>24 hrs</u>

Remarks _____

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

Approved SEP 21 1964 19 _____
New Mexico Oil Conservation Commission

Operator Gulf Oil Corporation
Original Signed By: J. W. Davis
By _____
J. W. Davis
Title Well Tester
Date 9-28-64

By _____
Title _____
Date _____

1. A packer seal-off test shall be conducted on each multiply completed well within 90 days of the completion of the well, and annually thereafter. The test shall be conducted during the multiple completion. Such tests shall be conducted on the completion within seven days following the completion and/or fracture treatment, and whenever repairs are made to the well including the packer or the tubing and seals. The test shall be taken at any time that communication is established with the Commission.
2. At least once during the conduct of any packer leakage test the operator shall determine the exact time the test is to be conducted. The test shall also be so notified.
3. The packer leakage test shall commence when both zones of the dual completion are shut-in for pressure stabilization. Both zones shall remain shut-in until the well pressure in each has stabilized and for a minimum of two hours thereafter, provided however that they need not remain shut-in more than 24 hours.
4. For packer leakage tests where the zone remains shut-in. Such test shall be conducted when the well pressure has become stabilized and for a minimum of two hours, provided however that the test shall not be conducted more than 24 hours.

5. The test shall be conducted on the well shall remain shut-in until the well pressure in each zone has stabilized and for a minimum of two hours thereafter, provided however that they need not remain shut-in more than 24 hours.
6. The test shall be conducted on the well shall remain shut-in until the well pressure in each zone has stabilized and for a minimum of two hours thereafter, provided however that they need not remain shut-in more than 24 hours.
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