

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator <b>Sun Oil Company DX Division</b>			Lease <b>Stateland 15</b>			Well No. <b>1</b>		
Location of Well		Unit <b>M</b>	Sec <b>16</b>	Twp <b>21S</b>	Rge <b>37E</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>Blinebry</b>		<b>Oil</b>	<b>Flow</b>	<b>Tbg</b>	<b>22/64</b>		
Lower Compl	<b>Drinkard</b>		<b>Oil</b>	<b>Flow</b>	<b>Tbg</b>	<b>25/64</b>		

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 1-22-70 9:00 A.M.

Well opened at (hour, date): 1-23-70 9:00 A.M.

	Upper Completion	Lower Completion
Indicate by ( X ) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>150</u>	<u>475</u>
Stabilized? (Yes or No).....	<u>yes</u>	<u>yes</u>
Maximum pressure during test.....	<u>230</u>	<u>475</u>
Minimum pressure during test.....	<u>150</u>	<u>50</u>
Pressure at conclusion of test.....	<u>230</u>	<u>50</u>
Pressure change during test (Maximum minus Minimum).....	<u>80</u>	<u>425</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Decrease</u>
Well closed at (hour, date): <u>1-24-70 9:00 A.M.</u>	Total Time On Production <u>24 hrs.</u>	
Oil Production	Gas Production	
During Test: <u>13</u> bbls; Grav. _____	During Test _____ MCF; GOR _____	
Remarks _____		

FLOW TEST NO. 2

Well opened at (hour, date): 1-24-70 9:00 A.M.

	Upper Completion	Lower Completion
Indicate by ( X ) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>225</u>	<u>500</u>
Stabilized? (Yes or No).....	<u>yes</u>	<u>yes</u>
Maximum pressure during test.....	<u>300</u>	<u>500</u>
Minimum pressure during test.....	<u>-0-</u>	<u>500</u>
Pressure at conclusion of test.....	<u>-0-</u>	<u>500</u>
Pressure change during test (Maximum minus Minimum).....	<u>225</u>	<u>-0-</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	
Well closed at (hour, date): <u>1-25-70 9:00 A.M.</u>	Total time on Production <u>24 hrs.</u>	
Oil Production	Gas Production	
During Test: <u>9</u> bbls; Grav. _____	During Test _____ MCF; GOR _____	
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

Operator Sun Oil Company DX Division

By Frank D. Lebo

By \_\_\_\_\_  
Title \_\_\_\_\_

Title District Engineer

Date February 5, 1970

## SOUTHEAST NEW MEXICO PARKER CLASS 1950-1959 DIVISION 1

1. A packer leakage test shall be commenced on a well within 30 days after completion of the well and shall be completed within seven days after actual completion of the well and annually thereafter as prescribed by the Order. Authorizing the multiple completions. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment and whenever remedial work has been done on a well during which the packer or the tubing have been disturbed. Tests shall be taken at any time that communication is suspected or when requested by the Commission.
2. At least 72 hours prior to the commencement of a packer leakage test the operator shall notify the Commission in writing of the location of the test is to be commenced. Offset operators shall be notified by the Commission.
3. The packer leakage test shall commence after the well is shut-in until the well-head pressure in each zone stabilized and then a minimum of two hours thereafter, provided however that such need not be shut-in more than 24 hours.
4. For Flow Test No. 1, one zone of the well or one of shall be produced at the normal rate of production while the other zone remains shut-in. The test shall be continued until the flowing well head pressure has become stabilized and for a minimum of two hours thereafter. Provided however, that the flow test need not continue for more than 24 hours.

1. Following completion of the well shaft, the contractor shall

6. Flow test No. 2 shall be run in even order on each well during Flow Test No. 1. The flow test shall be conducted until the flow test No. 2 is completed. The pressure produced zone shall be a main shut-in while the pressure in the zone is produced.

7. All pressure tests throughout the test shall be performed with the pressure measured and recorded with recording pressure gauges. The accuracy of the gauges which must be checked with a dead-weight tester at least once per day at the beginning and end of the test of each fire test.

[illegible]