

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Sinclair Oil & Gas Company			Lease State 125 396		Well No. 1	
Location of Well	Unit K	Sec 35	Twp 15-S	Rge 1061 AUG 15 1961 AM 9 09 39	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	Dean Perno Penn		Oil	Pump	Tbg.	P
Lower Compl	Dean		Oil	Pump	Tbg.	P

FLOW TEST NO. 1

Both zones shut-in at (hour, date): **9:00 AM August 7, 1961**

Well opened at (hour, date): **9:00 AM August 8, 1961**

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	310	20
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	310	20
Minimum pressure during test.....	30	20
Pressure at conclusion of test.....	30	20
Pressure change during test (Maximum minus Minimum).....	280	0
Was pressure change an increase or a decrease?.....	decrease	- - -
Well closed at (hour, date): 9:00 AM August 9, 1961	Total Time On Production 24 hours	
Oil Production	Gas Production	
During Test: 50 bbls; Grav. 45.3	During Test 61 MCF; GOR 1220	
Remarks Penn Zone made 2 barrels of water during the above flow period		

FLOW TEST NO. 2

Well opened at (hour, date): **9:00 AM August 10, 1961**

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	320	20
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	320	20
Minimum pressure during test.....	320	15
Pressure at conclusion of test.....	320	15
Pressure change during test (Maximum minus Minimum).....	0	5
Was pressure change an increase or a decrease?.....	—	decrease
Well closed at (hour, date): 9:00 AM August 11, 1961	Total time on Production 24 hours	
Oil Production	Gas Production	
During Test: 90 bbls; Grav. 53.0	During Test 11 MCF; GOR 129	
Remarks Well produced 409 barrels of water during flow test No. 2		

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 **SINCLAIR OIL & GAS COMPANY**

By **Fred Burns**

Title _____

Title **District Superintendent**

Date **August 23, 1961**

1. The packer leakage test shall be commenced on each well only after the well has been sealed and the packer has been set. Such tests shall also be commenced on all multiple completions within seven days following completion and/or chemical or fracture treatment and whenever remedial work has been done on a well during which the packer tubing have been disturbed. Tests shall also be taken at any time when communication is suspected or when requested by the Commission.

2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Commission in writing of the expected date the test is to be commenced. Offset operators shall also be so notified.

3. The packer leakage test shall commence when both zones of the well completion are at the same pressure. Both zones shall remain shut-in until the well-head pressure in each has stabilized and for a minimum of 24 hours. The test shall be conducted during that time.

4. The Flow Test No. 1 of the last completion shall be conducted. The test shall be conducted at a pressure of 300 psi. The test shall be conducted for a minimum of two hours, thereafter provided the pressure remains constant for more than 24 hours.

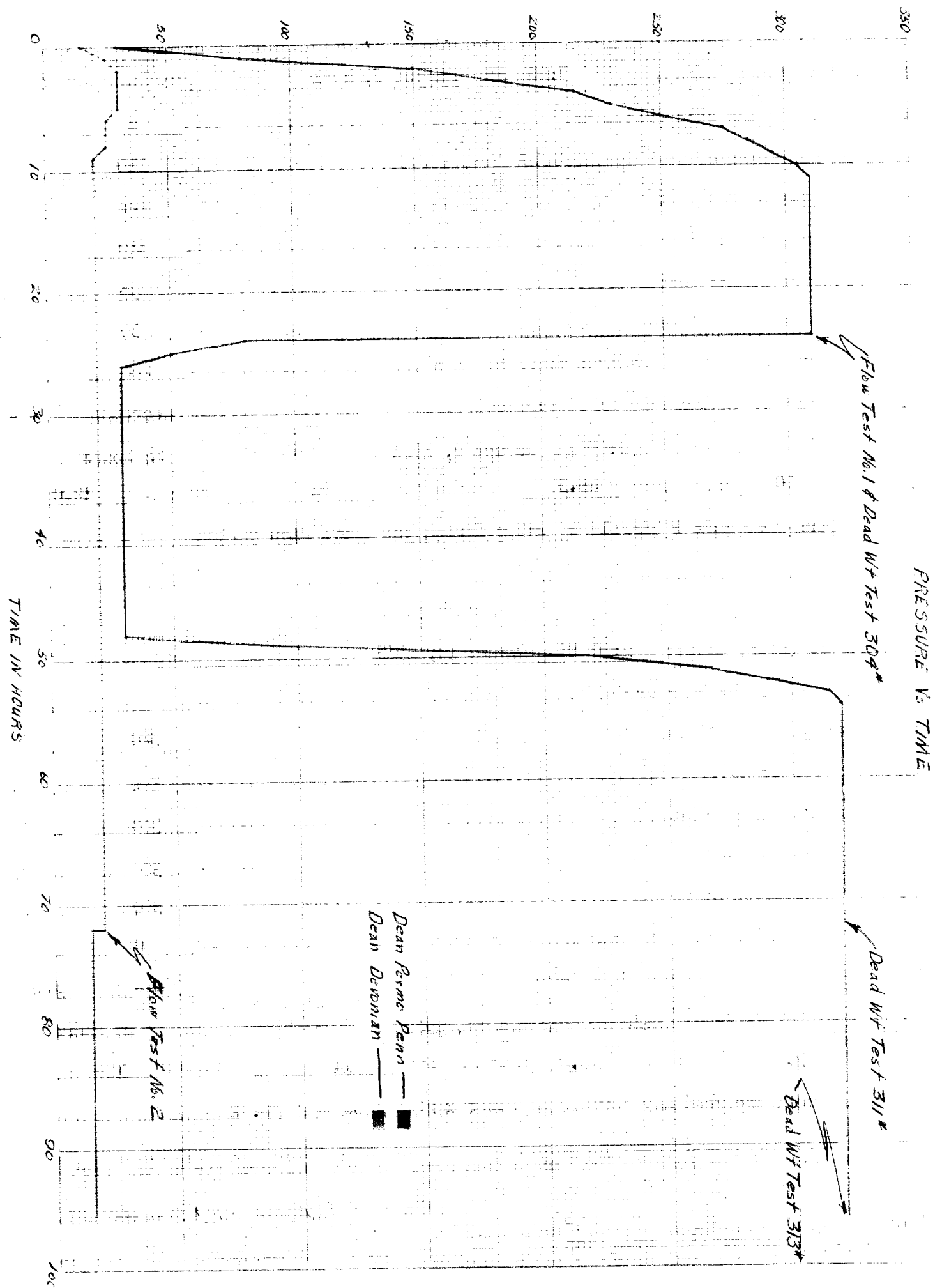
5. The packer leakage test shall be conducted on each well only after the well has been sealed and the packer has been set.

6. The packer leakage test shall be conducted on all multiple completions within seven days following completion and/or chemical or fracture treatment and whenever remedial work has been done on a well during which the packer tubing have been disturbed. Tests shall also be taken at any time when communication is suspected or when requested by the Commission.

7. Well pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges. The accuracy of which must be checked with a deadweight tester at least once, and at the beginning and once at the end of each flow test.

8. The results of the above-described tests shall be filed in triplicate within 10 days after completion of the test. The results shall be filed with the appropriate District Office of the New Mexico State Engineer for wells in the Southeast New Mexico Packer Leakage Test Area. The results shall be filed with the original pressure recording gauge charts with a copy of the test results. The operator may, however, indicate the test results on the original pressure recording gauge charts, indicating the number of changes which may be noted by the gauge charts as well as all deadweight tester readings. The test results shall be filed with the original pressure recording gauge charts and the original pressure recording gauge charts shall be filed with the original pressure recording gauge charts.

Pressure in PSIG



Dean Farm Penn
Dean Devanin