

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Sinclair Oil & Gas Company			Lease State 157-A		HOBBS OFFICE OCC		Well No. 2
Location of Well	Unit 9	Sec 9	Twp 22 S	Range 100 E	County Lea	36 N 0 50	
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		Gas	Flow	Csg.	--	
Lower Compl	South Banice		Oil	Flow	Tbg.	15/64"	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): **Jalnet shut in 9-12-60 South Banice shut in @ 9:30 AM 9-20-60**

Well opened at (hour, date):	Upper Completion	Lower Completion
10:00 A.M. September 21, 1960		
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	715	95
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	715	95
Minimum pressure during test.....	378	70
Pressure at conclusion of test.....	405	70
Pressure change during test (Maximum minus Minimum).....	337	25
Was pressure change an increase or a decrease?.....	decrease	decrease
Well closed at (hour, date): 6:00 P. M. Sept. 21, 1960	Total Time On Production 8 hrs.	
Oil Production During Test: None bbls; Grav. _____	Gas Production During Test 432 MCF; GOR _____	
Remarks _____		

FLOW TEST NO. 2

Well opened at (hour, date):	Upper Completion	Lower Completion
2:00 PM September 22, 1960		
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	725	40
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	725	40
Minimum pressure during test.....	718	0
Pressure at conclusion of test.....	718	0
Pressure change during test (Maximum minus Minimum).....	7	40
Was pressure change an increase or a decrease?.....	decrease	decrease
Well closed at (hour, date): 2:00 PM September 22, 1960	Total time on Production 2 1/2 hours	
Oil Production During Test: None bbls; Grav. _____	Gas Production During Test 0 MCF; GOR _____	
Remarks Well loaded up and died during Packer Leakage Test		

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

Approved _____ 1960 19
New Mexico Oil Conservation Commission

By _____
Title _____

Operator **Sinclair Oil & Gas Company**

By _____

Title **District Superintendent**

Date **September 28, 1960**

1. A packer leakage test shall be commenced on each multiply completed well within seven days after actual completion of the well, and thereafter as prescribed by the order authorizing the multiple completion. 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 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 exact date a test is to be commenced. Offset operators shall also be so notified.

3. The packer leakage test shall commence when both zones of a multiple completion are shut-in for pressure stabilization. Both zones shall be shut-in until the well-head pressure in each has stabilized and for a minimum of two hours thereafter, provided however that the test shall be shut-in more than 24 hours.

4. For Flow Test No. 1, one zone of the dual completion shall be shut-in at the normal rate of production while the other zone remains flowing. The test shall be continued until the flowing wellhead pressure has stabilized and for a minimum of two hours thereafter, provided however that the flow test need not continue for more than 24 hours.

For Flow Test No. 2, the well shall again be shut-in.

Flow Test No. 2 shall be conducted even though no leak was indicated in Flow Test No. 1. Flow Test No. 2 is to be the same as for Flow Test No. 1 except that the previously produced zone shall remain shut-in and the previously shut-in zone is produced.

Pressure gauges, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges. The accuracy of such measurements shall be checked with a deadweight tester at least twice, once at the beginning and once at the end of each flow test.

The results of the above-described tests shall be filed in triplicate with the Commission. Tests shall be filed with the Commission in triplicate with the New Mexico Oil Conservation Commission. The original pressure recording gauge charts with all the data taken shall be taken indicated thereon. In lieu of the original gauge charts, the operator may construct a pressure versus time curve indicating thereon all pressure changes which may be indicated by the gauge charts as well as all deadweight tester readings. If the pressure curve is submitted, it shall be permanently filed in the operator's office and shall accompany the Packer Leakage Test Form when the test period commences with a gas-oil ratio test period.

PRESSURE in PSIG

