

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Sinclair Oil & Gas Company			Lease Barnes & Golden			Well No. 2	
Location of Well	Unit K	Sec 11	Twp 13S	Rge 38E	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	Bronco Mississippian		Oil	Pump	Tbg	--	
Lower Compl	Bronco Silvro Devonian		Oil	Pump	Tbg	--	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 A M 5-24-65

Well opened at (hour, date): 3:30 P M 5-24-65	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	35	0
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	35	0
Minimum pressure during test.....	15	0
Pressure at conclusion of test.....	15	0
Pressure change during test (Maximum minus Minimum).....	20	0
Was pressure change an increase or a decrease?.....	Decrease	--

Well closed at (hour, date): 3:30 P M 5-25-65 Total Time On Production 24 hrs.

Oil Production During Test: 39 bbls; Grav. 40; Gas Production During Test 36 MCF; GOR 920

Remarks

FLOW TEST NO. 2

Well opened at (hour, date): 8:30 A M 5-26-65	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	45	0
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	45	0
Minimum pressure during test.....	45	0
Pressure at conclusion of test.....	45	0
Pressure change during test (Maximum minus Minimum).....	0	0
Was pressure change an increase or a decrease?.....	--	--

Well closed at (hour, date) 1:30 P M 5-26-65 Total time on Production 5 hrs.

Oil Production During Test: 14 bbls; Grav. 41°; Gas Production During Test 6 MCF; GOR 430

Remarks Stable pressure on Mississippian while pumping the Devonian prove the zones are still isolated.

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

Approved _____ New Mexico Oil Conservation Commission	Operator SINCLAIR OIL & GAS COMPANY
By _____	By <i>[Signature]</i>
Title _____	Title Senior Engineer
	Date 5-28-65

INSTRUCTIONS

1. The packer test shall be commenced on each multiply completed well as soon as possible after final completion of the well and annually thereafter. The test shall be conducted in order to authorize the multiple completion. Such tests shall be commenced on all multiply completions within seven days following application for or chemical or fracture treatment, and whenever repairs are made to any one of a well during which the packer or the tubing head or its components are replaced. Tests shall also be taken at any time that communication is suspected between the zones requested by the Commission.
2. If the packer test indicates the commencement of any packer leakage test the operator shall notify the Commission in writing of the exact time the test is to be taken. All direct operators shall also be so notified.
3. The packer test shall commence when both zones of the dual completion are under pressure stabilization. Both zones shall remain shut-in until the wellhead pressure in each has stabilized and for a minimum of two hours thereafter. Provided however, that they need not remain shut-in for more than one hour.
4. For each zone of the dual completion shall be produced at the normal operating production rate while the other zone remains shut-in. Such test shall continue until the flowing wellhead pressure has become stabilized for a minimum of two hours thereafter. Provided however, that the test shall not continue for more than 24 hours.

- [illegible]

