

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator	United States Smelting Refining and Mining Company			Lease	Federal 11-20-34		Well No.	1
Location of Well	Unit	Sec	Twp	Range	County			
	F	11	20-S	34-E	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	Bone Springs		Oil	Flow	Tbg	40/64"		
Lower Compl	Pennsylvanian		Gas	Flow	Tbg	7/64"		

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 6:00 P. M. June 17, 1961

Well opened at (hour, date): 11:00 A. M. June 19, 1961	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	1260#	4330#
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	1290#	4330#
Minimum pressure during test.....	1260#	2650#
Pressure at conclusion of test.....	1290#	2650#
Pressure change during test (Maximum minus Minimum).....	30#	1680#
Was pressure change an increase or a decrease?.....	Increase	Decrease
Well closed at (hour, date): 2:45 P. M. June 19, 1961	Total Time On Production	3 hrs. 45 minutes
Oil Production	Gas Production	
During Test: 10.6 bbls; Grav. 52°	During Test: 140.6 MCF; GOR	13.260/Bbl.
Remarks		

FLOW TEST NO. 2

Well opened at (hour, date): 5:15 P. M. June 19, 1961	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	1300#	4330#
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	1300#	4330#
Minimum pressure during test.....	100#	4330#
Pressure at conclusion of test.....	100#	4330#
Pressure change during test (Maximum minus Minimum).....	1200#	-
Was pressure change an increase or a decrease?.....	Decrease	No Change
Well closed at (hour, date): 10:15 A. M. June 20, 1961	Total time on Production	17 hours
Oil Production	Gas Production	
During Test: 113.9 bbls; Grav. 41°	During Test: 51.3 MCF; GOR	450/Bbl.
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 United States Smelting Refining and Mining Company
By W. C. Dougherty
Title Manager of Production
Date June 27, 1961

By Leslie A. Clements
Title _____

1. A packer leakage test shall be commenced on each well within the zone of completion within seven days after actual completion of the well. If the well is not completed within the time specified, the test shall be commenced on the multiple completion well within seven days following recompletion and/or chemical or fracture treatment and after all remedial work has been done on a well having a fracture zone. If the fracture zone has been distributed, tests shall also be run in the zone of completion. If the fracture zone 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 test. The test is to be commenced. Street operators 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. The zones shall remain shut-in for 12 hours. Wellhead pressure in each zone shall be taken at the end of two hours thereafter, provided however that the test may be repeated at any time within 24 hours.

4. For Flow Test, a zone of the dual completion shall be produced at the normal rate of production until the other zone is shut-in. The zone shall be shut-in until the flowing wellhead pressure is stabilized and for a minimum of one hour thereafter. The test shall be repeated if the flowing wellhead pressure is not stabilized for more than 24 hours.

5. The test shall be run in the zone of completion. If the zone of completion is not known, the test shall be run in the zone of completion.

6. The test shall be run in the zone of completion. If the zone of completion is not known, the test shall be run in the zone of completion.

7. A pressure shall be maintained throughout the entire test. The pressure shall be recorded with recording pressure gauges. The accuracy of the test shall be checked with a deadweight tester at least once during the test.

8. The test shall be run in the zone of completion. If the zone of completion is not known, the test shall be run in the zone of completion.

June 19, 1961

June 20, 1961

