

3 OCC
1 Redfern & Herd
1 File
This form is not to be used for reporting packer leakage tests in Southeast New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

Revised 11-1-58

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Redfern & Herd, Inc. Lease Largo Spur Well No. 1
Location of Well: Unit Sec. 18 Twp. 24N Rge. 6W County Rio Arriba

Name of Reservoir or Pool	Type of Prod. (Oil or Gas)	Method of Prod. (Flow or Art. Lift)	Prod. Medium (Tbg. or Csg.)
Upper Completion <u>Gallup</u>	<u>Gas</u>	<u>Flow</u>	<u>Tubing</u>
Lower Completion <u>Dakota</u>	<u>Gas</u>	<u>Flow</u>	<u>Tubing</u>

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in <u>11-3-61</u>	Length of time shut-in <u>7 days</u>	SI press. psig <u>1336</u>	Stabilized? (Yes or No) <u>No</u>
Lower Compl	Hour, date Shut-in <u>11-3-61</u>	Length of time shut-in <u>7 days</u>	SI press. psig <u>2044</u>	Stabilized? (Yes or No) <u>No</u>

FLOW TEST NO. 1

Commenced at (hour, date)* <u>11-10-61</u>		Zone producing (Upper producing):			
Time (hour, date)	Lapsed time since*	Pressure		Prod. Zone Temp.	Remarks
Upper Compl.	Lower Compl.				
<u>11-13-61</u>	<u>3 days</u>	<u>472</u>	<u>2098</u>		
<u>11-17-61</u>	<u>7 days</u>	<u>1250</u>	<u>2118</u>		<u>*Well Froze off</u>

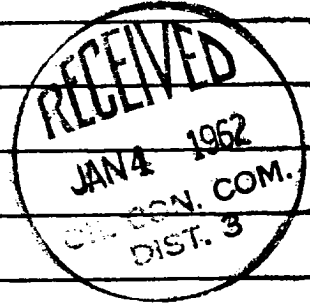
Production rate during test
Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ Grav. _____ GOR _____
Gas: 400 MCFPD; Tested thru (0000000000 Meter): _____

MID-TEST SHUT-IN PRESSURE DATA

Upper Compl	Hour, date Shut-in <u>11-17-61</u>	Length of time shut-in <u>7 days</u>	SI press. psig <u>1337</u>	Stabilized? (Yes or No) <u>No</u>
Lower Compl	Hour, date Shut-in <u>11-3-61</u>	Length of time shut-in <u>21 days</u>	SI press. psig <u>2154</u>	Stabilized? (Yes or No) <u>No</u>

FLOW TEST NO. 2

Commenced at (hour, date)** <u>12 Noon 11-24-61</u>		Zone producing (Upper Lower):			
Time (hour, date)	Lapsed time since **	Pressure		Prod. Zone Temp.	Remarks
Upper Compl.	Lower Compl.				
<u>12:15 p.m. 11-24-61</u>	<u>15 Min.</u>	<u>1339</u>	<u>98</u>	<u>53</u>	
<u>12:30 p.m. 11-24-61</u>	<u>30 Min.</u>	<u>1339</u>	<u>84</u>	<u>54</u>	
<u>12:45 p.m. 11-24-61</u>	<u>45 Min.</u>	<u>1339</u>	<u>77</u>	<u>55</u>	
<u>1:00 p.m. 11-24-61</u>	<u>1 Hr.</u>	<u>1339</u>	<u>68</u>	<u>56</u>	
<u>2:00 p.m. 11-24-61</u>	<u>2 Hrs.</u>	<u>1338</u>	<u>51</u>	<u>56</u>	
<u>3:00 p.m. 11-24-61</u>	<u>3 Hrs.</u>	<u>1337</u>	<u>45</u>	<u>57</u>	



Production rate during test
Oil: _____ BOPD based on _____ Bbls. in _____ Hrs. _____ Grav. _____ GOR _____
Gas: 650 MCFPD; Tested thru (0000000000): 3/4" choke

REMARKS: _____

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

Approved: 1-4 1962
New Mexico Oil Conservation Commission
By [Signature]
Title Supervisor Dist # 9
Operator Redfern & Herd, Inc.
By _____
Title Consulting Engineer
Date 12-29-61

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST SYSTEM

1. A packer leakage test shall be commenced on a well within seven days after it has completed its initial completion run. Such tests shall also be commenced on all multi-zone completions within seven days following recompletion and on any well in which the tubing has been disturbed. Tests shall also be conducted if that communication is suspected or when requested by the operator.
2. At least 72 hours prior to the commencement of a packer leakage test the operator shall notify the Commission in writing of the date the test is to be commenced. All operators shall also be notified.
3. The packer leakage test shall commence when the well is at completion are shut-in for pressure stabilization. Both zone valves shall be shut-in until the well-head pressure in each has stabilized. However, if they need not remain shut-in for more than 24 hours.
4. For Flow Test No. 1, one zone of the dual completion shall be at the normal rate of production while the other zone remains shut-in. Such test shall be continued for seven days in the case of oil wells for 24 hours in the case of gas wells. Normal production shall be maintained during the test, a gas well is being flowed to the atmosphere or a pipeline connection the flow period shall be three days.
5. Following completion of Flow Test No. 1, the well shall be shut-in in accordance with Paragraph 3 above.
6. Flow Test No. 2 shall be conducted when the well is shut-in during Flow Test No. 1. Procedure for Flow Test No. 2 shall be the same as for Flow Test No. 1 except that the previously produced zone shall remain shut-in while the zone which was previously shut-in is flowing.

