

NEW MEXICO OIL CONSERVATION COMMISSION  
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator <b>Summit Energy, Inc</b>			Lease <b>Gulf State</b>			Well No. <b>1</b>	
Location of Well	Unit <b>A</b>	Sec <b>36</b>	Twp <b>22-S</b>	Rge <b>37-E</b>	County <b>Lea</b>		
	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	<b>Tubb</b>		<b>Gas</b>	<b>Flow</b>	<b>Tbg</b>	<b>N-Natural</b>	
Lower Compl	<b>Blinebry</b>		<b>Oil</b>	<b>Pump</b>	<b>Tbg</b>	<b>Open</b>	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): March 15- 1976- 9:30 A.M.

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>March 16- 1976- 9:30 A.M.</u>		
Indicate by ( X ) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>421</u>	<u>18</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>421</u>	<u>18</u>
Minimum pressure during test.....	<u>138</u>	<u>18</u>
Pressure at conclusion of test.....	<u>138</u>	<u>18</u>
Pressure change during test (Maximum minus Minimum).....	<u>283</u>	<u>N.C.</u>
Was pressure change an increase or a decrease?.....	<u>Dec.</u>	<u>N.C.</u>
Well closed at (hour, date): <u>March 17- 1976- 9:30 A.M.</u>	Total Time On Production <u>24 hours</u>	
Oil Production	Gas Production	
During Test: <u>Dry gas</u> bbls; Grav. <u>-</u>	During Test <u>274</u> MCF; GOR <u>-</u>	
Remarks _____		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>March 18- 1976- 9:30 A.M.</u>		
Indicate by ( X ) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>442</u>	<u>18</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>481</u>	<u>36</u>
Minimum pressure during test.....	<u>442</u>	<u>18</u>
Pressure at conclusion of test.....	<u>481</u>	<u>36</u>
Pressure change during test (Maximum minus Minimum).....	<u>39</u>	<u>18</u>
Was pressure change an increase or a decrease?.....	<u>Inc.</u>	<u>Inc.</u>
Well closed at (hour, date): <u>March 19- 1976-9:30 A.M.</u>	Total time on Production <u>24 hours</u>	
Oil Production	Gas Production	
During Test: <u>4</u> bbls; Grav. <u>36.2</u>	During Test <u>4</u> MCF; GOR <u>1.000</u>	
Remarks <u>Annual Test</u>		

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

Approved APK 19 3  
New Mexico Oil Conservation Commission

Operator Summit Energy, Inc  
By Ralph B. Brown  
Title Tester- Reeco Well Services  
Date 3-26-1976

By \_\_\_\_\_  
Title \_\_\_\_\_

[illegible]

7. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Commission in writing of the exact time the test is to be conducted. Offset 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. Both zones shall remain shut-in until the wellhead pressure in each has stabilized and for a minimum of 1 hour at the center, provided however, that they need not remain shut-in more than 24 hours.

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

-5. Following completion of Flow Test No. 1, the well shall again be shut in, in accordance with Paragraph 3 above.

c. Flow Test No. 1 shall be conducted even though no leak was indicated during Flow Test No. 1. Procedure for Flow Test No. 2 is to follow the same as for Flow Test No. 1 except that the previously pushed zone shall not be re-injected while the previously shut-in zone is being tested.

7. All pressures, throughout the entire test, shall be continuously measured and checked with recording pressure gages, the accuracy of which shall be checked with a deadweight tester at least twice, once at the beginning and once at the end, of each first test.

8. The results of the above-described tests shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Commission on Southeast New Mexico Packer Leased Test Form Revised 11-1-58, together with the original pressure recording, gauge charts with all the deadweight pressures which were taken in the test location. In lieu of filing the aforesaid charts, the operator may construct a pressure versus time curve for each zone of each test, indicating thereon all pressure changes which may be reflected by the gauge charts as well as all deadweight pressure readings which were taken. If the pressure curve is submitted, the original chart must be permanently filed in the operator's office. Form C-116 shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.

[illegible]

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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. B-1732
7. Unit Agreement Name
8. Farm or Lease Name Gulf State
9. Well No. 1
10. Field and Pool, or Wildcat Blinebry/Tubb
12. County Lea

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER
2. Name of Operator Summit Energy, Inc.
3. Address of Operator 112 N. First, Artesia, New Mexico 88210
4. Location of Well UNIT LETTER <u>A</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE, SECTION <u>36</u> TOWNSHIP <u>22S</u> RANGE <u>37E</u> NMPM.
15. Elevation (Show whether DF, RT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

<p>NOTICE OF INTENTION TO:</p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/></p> <p>TEMPORARILY ABANDON <input type="checkbox"/></p> <p>PULL OR ALTER CASING <input type="checkbox"/></p> <p>OTHER <input type="checkbox"/></p>	<p>PLUG AND ABANDON <input type="checkbox"/></p> <p>CHANGE PLANS <input type="checkbox"/></p>	<p>SUBSEQUENT REPORT OF:</p> <p>REMEDIAL WORK <input type="checkbox"/></p> <p>COMMENCE DRILLING OPNS. <input type="checkbox"/></p> <p>CASING TEST AND CEMENT JOBS <input type="checkbox"/></p> <p>OTHER <u>Surface, interm. and production casing and wellhead inspection</u> <input checked="" type="checkbox"/></p>	<p>ALTERING CASING <input type="checkbox"/></p> <p>PLUG AND ABANDONMENT <input type="checkbox"/></p>
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17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Risers and valves installed on all strings of casing and all casing spools. Inspected by Nathan E. Clegg.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED <u>[Signature]</u>	TITLE <u>Division Engineer</u>	DATE <u>8/26/75</u>
APPROVED BY <u>[Signature]</u>	TITLE <u>[Signature]</u>	DATE <u>Aug 26 1975</u>

CONDITIONS OF APPROVAL, IF ANY: