

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Summitt Energy Inc			Lease Gulf State			Well No. 1	
Location of Well	Unit A	Sec 36	Twp 22-s	Rge 37-E	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 Comp	Tubb		Gas	flow	tbg	N. Nat.	
Lower Comp	Blainebry		Oil	flow pump	tbg	open	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): **5-2-77 9:15 AM**

Well opened at (hour, date): **5-3-77 9:15 AM**

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	502	10
Stabilized? (Yes or No).....	yes	yes
Maximum pressure during test.....	502	10
Minimum pressure during test.....	22	10
Pressure at conclusion of test.....	22	NC
Pressure change during test (Maximum minus Minimum).....	480	NC
Was pressure change an increase or a decrease?.....	Dec	NC
Well closed at (hour, date): 5-3-77 9:15 PM	Total Time On Production 12 hrs	
Oil Production	Gas Production	
During Test: dry gas bbls; Grav. _____	During Test 57 MCF; GOR _____	
Remarks _____		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): 5-4-77 9:15 AM		
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	508	10
Stabilized? (Yes or No).....	yes	yes
Maximum pressure during test.....	521	36
Minimum pressure during test.....	508	10
Pressure at conclusion of test.....	521	24
Pressure change during test (Maximum minus Minimum).....	13	26
Was pressure change an increase or a decrease?.....	Inc	Inc
Well closed at (hour, date): 5-4-77 9:15 PM	Total time on Production 12 hrs	
Oil Production	Gas Production	
During Test: 2 bbls; Grav. 39	During Test 49 MCF; GOR 246	
Remarks Annual Test		

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

By _____
Title _____
Orig. Signed by
Jerry Sexton
Dist 1, Supv

Operator **Summit Energy Inc**

By _____
Title _____
Date **5/18/77**
REECO WELL SERVICES

ADDITIONAL NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be conducted on each suitably completed well within six months after actual completion of the well, and annually thereafter as prescribed by the rules governing the multiple completion. Each test shall not be commenced until multiple completion within seven days following the completion of a shut-in or flow test. In addition, no test shall be conducted on a well until the packer or the tubing have been checked. Tests shall also be taken at any time that communication is suspected or when required by the inspectors.

2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the inspectors 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 two hours thereafter, 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.

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

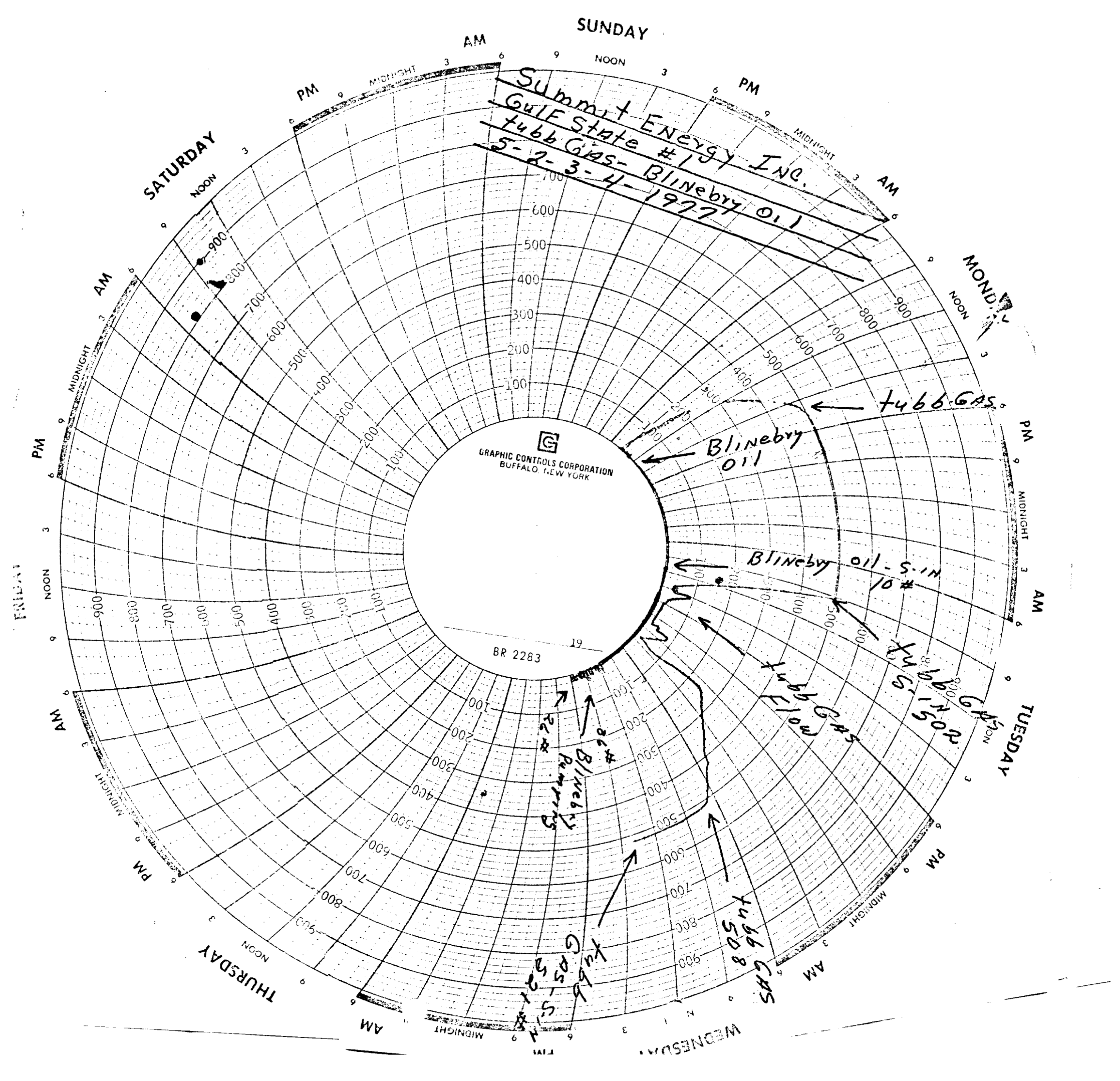
7. All pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges, the accuracy of which must be checked with a deadweight tester at least twice, once at the beginning and once at the end of each flow test.

8. The results of the above-described tests shall be filed in triplicate within 15 days after completion of the tests. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Commission on District New Mexico Packer Leakage Test Form, Revised 11-1-58, together with the original pressure recording gauge charts, with all the deadweight pressures which were taken indicated on each. In lieu of filing the aforesaid charts, the operator may construct a pressure versus time curve for each zone of each test, indicating the complete 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 inspector'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.

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