

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Gulf Oil Corporation			Lease Vivian			Well No. 4	
Location of Well	Unit H	Sec 30	Twp 22S	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	Elisebry		Gas	Flow	Csg.	—	
Lower Compl	Drinkard		Oil	Flow	Tbg.	30/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:00 a.m., 1-13-64

Well opened at (hour, date): 10:00 a.m., 1-14-64

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	1345	92
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	1346	750
Minimum pressure during test.....	1345	0
Pressure at conclusion of test.....	1346	0
Pressure change during test (Maximum minus Minimum).....	1	750
Was pressure change an increase or a decrease?.....	Incr.	Deer.
Well closed at (hour, date): <u>10:00 a.m., 1-15-64</u>	Total Time On Production 24 hrs	
Oil Production	Gas Production	
During Test: 36 bbls; Grav. 38.0	; During Test 84.0 MCF; GOR 2250	
Remarks _____		

FLOW TEST NO. 2

Well opened at (hour, date): 10:00 a.m., 1-16-64

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	1346	87
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	1346	137
Minimum pressure during test.....	737	87
Pressure at conclusion of test.....	737	137
Pressure change during test (Maximum minus Minimum).....	609	50
Was pressure change an increase or a decrease?.....	Deer.	Incr.
Well closed at (hour, date): <u>10:00 a.m., 1-17-64</u>	Total time on Production 24 hrs	
Oil Production	Gas Production	
During Test: 366 bbls; Grav. 45.5	; During Test 3650.0 MCF; GOR 9972	
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 **GULF OIL CORPORATION**
Original Signed By: _____
By **J. W. DAVIS**

By _____
Title _____

Title **WELL TESTER**

Date **1-20-64**

SOUTHEAST NEW MEXICO

1. A packer leakage test shall be conducted on each well within seven days after completion of the well thereafter as prescribed by the rules. Such tests shall also be conducted on each well within seven days following recompletion and on each well after remedial work has been completed. If a packer leakage test has been conducted and the tubing have been disturbed, a packer leakage test shall be conducted if suspicion is suspected.
2. At least 72 hours prior to the test, the operator shall notify the owner of the well that the test is to be commenced.
3. The packer leakage test shall be conducted on each well after completion are shut-in for at least 24 hours. The well shall be shut-in until the well-head pressure has stabilized for a minimum of two hours thereafter, provided the well has been shut-in more than 24 hours.
4. For Flow Test No. 1, the zone at the normal rate of production shall be shut-in for at least 24 hours. The test shall be continued until the well-head pressure has stabilized and for a minimum of two hours thereafter, provided the well has been shut-in more than 24 hours.

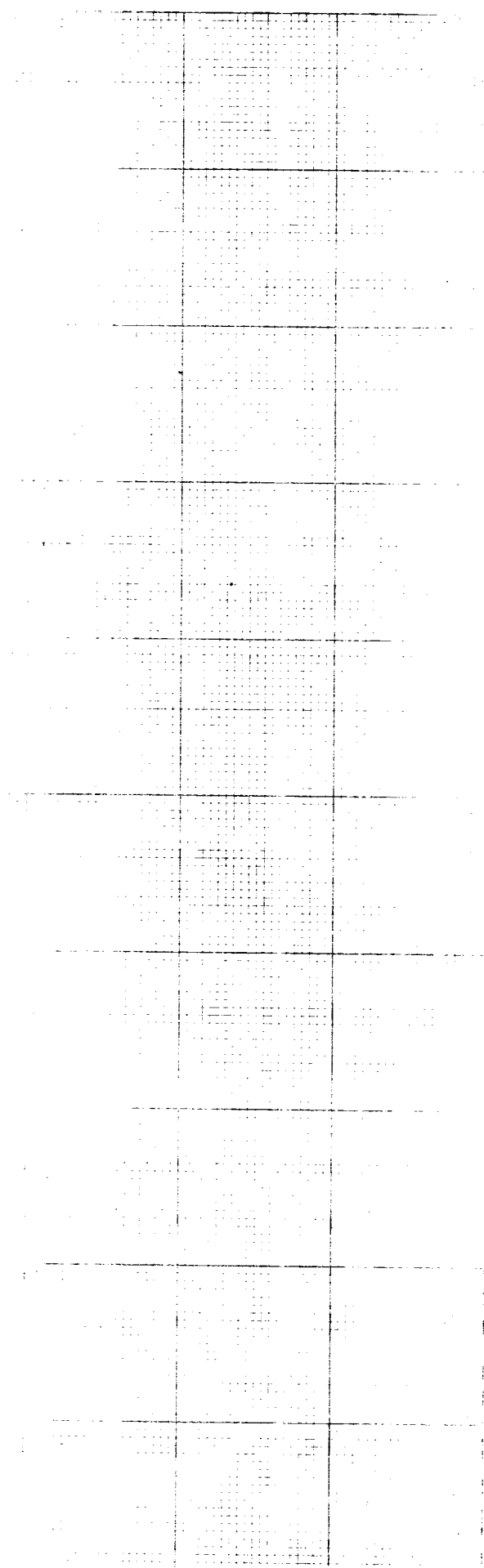
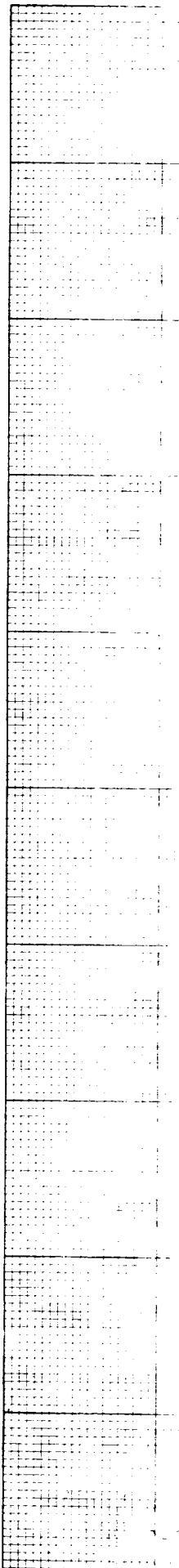
Flow Test No. 1, the well shall be shut-in for at least 24 hours prior to the test.

Flow Test No. 2 shall be conducted even though no leak has been detected. The 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 shut-in and the previously shut-in zone is produced.

Throughout the entire test, shall be recorded pressure gauges, the well shall be tested with a deadweight tester at least twice during the test.

The tests described above shall be conducted in accordance with the rules of the New Mexico Oil Conservation Commission. The tests shall be conducted in accordance with the rules of the New Mexico Oil Conservation Commission. The tests shall be conducted in accordance with the rules of the New Mexico Oil Conservation Commission.

The original pressure recording gauge charts shall be filed in the operator's records. The operator may construct a pressure curve from the readings which were taken indicated thereon. In the event of a pressure curve, the operator may construct a pressure curve from the readings which were taken, indicating thereon the pressure readings which were taken. If the pressure curve is substituted for the original chart, the original chart must be permanently filed in the operator's records. The operator shall also accompany the Packer Leakage Test form with a gas-oil ratio test period.



JUN 20 2 45 PM '64
HOBBS OFFICE O.C.C.