

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Gulf Oil Corporation				Lease Searborough		Well No. 3	
Location of Well	Unit I	Sec 31	Twp 22S	Rge 30E	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	South Paddock		Oil	Pump	Tbg.	2" WO	
Lower Compl	Elinebry		Gas	Flow	Tbg.	2—	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): **8:45 a.m., 6-25-62**

Well opened at (hour, date):	8:45 a.m., 6-26-62	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X	
Pressure at beginning of test.....		17	1384
Stabilized? (Yes or No).....		Yes	Yes
Maximum pressure during test.....		19	1386
Minimum pressure during test.....		17	1384
Pressure at conclusion of test.....		19	1386
Pressure change during test (Maximum minus Minimum).....		2	2
Was pressure change an increase or a decrease?.....		Incr.	Incr.
Well closed at (hour, date):	8:45 a.m., 6-27-62	Total Time On Production	24 hrs
Oil Production		Gas Production	
During Test: 6 bbls; Grav. 36.4 ;		During Test 22.0 MCF; GOR 3667	

Remarks _____

FLOW TEST NO. 2

Well opened at (hour, date):	8:45 a.m., 6-28-62	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....			X
Pressure at beginning of test.....		36	1386
Stabilized? (Yes or No).....		Yes	Yes
Maximum pressure during test.....		59	1386
Minimum pressure during test.....		36	484
Pressure at conclusion of test.....		59	484
Pressure change during test (Maximum minus Minimum).....		23	902
Was pressure change an increase or a decrease?.....		Incr.	Deccr.
Well closed at (hour, date)	8:45 a.m., 6-29-62	Total time on Production	20 hrs
Oil Production		Gas Production	
During Test: 69 bbls; Grav. 44.2 ;		During Test 1600.0 MCF; GOR 23,188	

Remarks **Elinebry gas shut in 4 hours to repair leak in Northern Natural Gas Company's line.**

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 Leslie A. Clement
Title _____

Operator GULF OIL CORPORATION
By J. W. DAVIS
Title WELL TESTER
Date 7-2-62

Following completion of Flow Test No. 1, the well shall again be tested in accordance with paragraph 3 above.

Flow Test No. 2 shall be conducted even though no test was indicated for 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 maintained while the previously shut-in zone is produced.

1. Pressures throughout the entire test shall be continuously measured and recorded with recording pressure gauges. The accuracy of this must be checked with a deadweight tester at least twice, once at the beginning and once at the end of each flow test.

The results of the above-described tests shall be filed with District Office, within ten days after completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Department of Conservation, Office of the Southeast New Mexico Packer Leakage Test Form Revised 1-1-78, together with the original pressure recording gauge charts with all the dead weight pressures which were taken indicated thereon. In lieu of filing the aforesaid charts, the operator may construct a pressure versus time curve for each zone of each test indicating the seal air pressure chart which may be reflected by the gauge charts as well as all dead weight pressure readings which were taken. If the pressure curves are plotted on the original chart must be permanent, 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-drift test at that period.

