

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Gulf Oil Corporation			Lease Federal Mills			Well No. 1	
Location of Well	Unit C	Sec 11	Twp 9S	Rge 36E	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	Undesignated Abe		Oil	Flow	Tbg.	40/64"	
Lower Compl	Allison Penn		Oil	Flow	Tbg.	26/64"	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:45 a.m., 2-27-61

Well opened at (hour, date): 9:45 a.m., 2-28-61

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	616	489
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	225	496
Minimum pressure during test.....	25	489
Pressure at conclusion of test.....	65	7
Pressure change during test (Maximum minus Minimum).....	200	496
Was pressure change an increase or a decrease?.....	Deer.	Incr.
Well closed at (hour, date): <u>9:45 a.m., 3-1-61</u>	Total Time On Production 24 hrs	
Oil Production During Test: <u>157</u> bbls; Grav. <u>40.3 @ 60°</u>	Gas Production During Test <u>152.9</u>	MCF; GOR <u>974</u>

Remarks _____

FLOW TEST NO. 2

Well opened at (hour, date): 9:45 a.m., 3-2-61

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	605	510
Stabilized? (Yes or No).....	Yes	Yes
Maximum pressure during test.....	679	400
Minimum pressure during test.....	605	190
Pressure at conclusion of test.....	679	200
Pressure change during test (Maximum minus Minimum).....	74	250
Was pressure change an increase or a decrease?.....	Incr.	Deer.
Well closed at (hour, date): <u>9:45 a.m., 3-3-61</u>	Total time on Production 24 hrs	
Oil Production During Test: <u>285</u> bbls; Grav. <u>47.2 @ 60°</u>	Gas Production During Test <u>330.0</u>	MCF; GOR <u>1168</u>

Remarks Photostatic copies of pressure recording charts are attached.

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 _____

Operator GULF OIL CORPORATION

By RAYMOND WATSON

Title GAS TESTER

Date 3-6-61

Each well shall be individually completed and tested within 90 days of the date of completion of the well. Such tests shall also be a condition of all future completions within seven days following completion of a well. All future completions shall be subject to the same completion and testing requirements as the first completion. If a well is not completed and tested within the time specified, the well shall be considered abandoned and the completion and testing requirements shall not apply. The completion and testing requirements shall also be taken at any time that communication is established with the well. The completion and testing requirements shall be taken at any time that communication is established with the well.

21. At least 12 hours before the start of the packer leakage test, the operator shall be notified by the packer of the exact time the test is to be commenced. Office operators shall also be so notified.

10. The parties agree that, until the dual tones of the dual completion and shut-in processes are distinguished, both tones shall remain shut-in until the dual completion process is dualized and for a minimum of two (2) seconds. The dual completion process shall not remain shut-in more than 10 seconds after the dual tones are distinguished.

[illegible]

in accordance with the

6 Flow Test No. 1000
during Flow Test No. 1000
as for Flow Test No. 1000
main shut-in when

7. All pressures through the pressure transducer must be measured and recorded at the beginning and end of the test, which must be the same for all tests.

[illegible]