

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Gulf Oil Corporation			Lease Learcy McBuffington			Well No. 3	
Location of Well	Unit 0	Sec 13	Twp 25S	Rge 37E	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	Justis Glorietta		Gas	Temporarily Abandoned	Tubing	---	
Lower Compl	Justis Ellenburger		Oil	Pump	Tubing	---	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:30 AM 3-24-70

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>10:30 AM 3-25-70</u>		
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>0</u>	<u>63</u>
Stabilized? (Yes or No).....	<u>No</u>	<u>No</u>
Maximum pressure during test.....	<u>76</u>	<u>81</u>
Minimum pressure during test.....	<u>0</u>	<u>63</u>
Pressure at conclusion of test.....	<u>76</u>	<u>81</u>
Pressure change during test (Maximum minus Minimum).....	<u>76</u>	<u>18</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Increase</u>
Well closed at (hour, date): <u>10:30 AM 3-26-70</u>	Total Time On Production <u>24 hours</u>	
Oil Production	Gas Production	
During Test: <u>3</u> bbls; Grav. <u>45.4</u>	During Test <u>4</u> MCF; GOR <u>1.333</u>	
Remarks <u>Pumps 13 x 100" SPM, 152 BWPD</u>		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date):		
Indicate by (X) the zone producing.....		
Pressure at beginning of test... <u>Buildup test 10:30 AM 3-27-70</u>	<u>12</u>	<u>58</u>
Stabilized? (Yes or No).....		
Maximum pressure during test.....		
Minimum pressure during test.....		
Pressure at conclusion of test.....		
Pressure change during test (Maximum minus Minimum).....		
Was pressure change an increase or a decrease?.....		
Well closed at (hour, date)	Total time on Production	
Oil Production	Gas Production	
During Test: bbls; Grav.	During Test MCF; GOR	
Remarks <u>Glorietta zone temporarily abandoned per C-103 dated 2-17-69.</u>		

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

Approved <u>1970</u> 19	Operator <u>Gulf Oil Corporation</u>
New Mexico Oil Conservation Commission	By <u>J. D. Sublett</u>
By <u>[Signature]</u>	Title <u>Area Engineer</u>
Title <u>SUPERVISOR</u>	Date <u>April 1, 1970</u>

in accordance with Section 105 of the

See 8004 Test No. 1 and 2. The above test results were obtained during Flow Test No. 1. Procedure for Flow Test No. 1 is given in 8006 as for Flow Test No. 2. The above test results were obtained during Flow Test No. 1. The above test results were obtained during Flow Test No. 1.

7. All pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges, the range of which shall be such that the full scale deflection of the needle shall occur at the beginning and end of the test.

8. The results of the above-described tests are shown in Figures 1 through 4. The data in Figures 1 and 2 indicate that the pressure in the chamber increased with time and that the appropriate Director Office of the New Mexico State Police was notified by the mission on Southwest New Mexico Parkway, Mesquite Flat, Fort Huachuca, Arizona, on 10/10/68. The data in Figures 3 and 4 indicate that the pressure in the chamber increased with time and that the appropriate Director Office of the New Mexico State Police was notified by the mission on Southwest New Mexico Parkway, Mesquite Flat, Fort Huachuca, Arizona, on 10/10/68. The data in Figures 3 and 4 indicate that the pressure in the chamber increased with time and that the appropriate Director Office of the New Mexico State Police was notified by the mission on Southwest New Mexico Parkway, Mesquite Flat, Fort Huachuca, Arizona, on 10/10/68.

admitted, the original chart must be permanently filed in the ops office. Form C-116 shall also accompany the cracked leakage test form when the test period coincides with a gas leak test.

[illegible]