



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: \_\_\_\_\_

TIME ON: \_\_\_\_\_  
TIME OFF: \_\_\_\_\_

Company \_\_\_\_\_ Lease & Well No. \_\_\_\_\_  
Contractor \_\_\_\_\_ Charge to \_\_\_\_\_  
Elevation \_\_\_\_\_ Formation \_\_\_\_\_ Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
Date \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Range \_\_\_\_\_ W County \_\_\_\_\_ State **KANSAS**  
Test Approved By \_\_\_\_\_ Diamond Representative \_\_\_\_\_

Formation Test No. \_\_\_\_\_ Interval Tested from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Total Depth \_\_\_\_\_ ft.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth \_\_\_\_\_ ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Bottom Recorder Depth (Outside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type \_\_\_\_\_ Viscosity \_\_\_\_\_ Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
Weight \_\_\_\_\_ Water Loss \_\_\_\_\_ cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
Chlorides \_\_\_\_\_ P.P.M. Drill Pipe Length \_\_\_\_\_ ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length \_\_\_\_\_ ft. Tool Size 3 1/2-IF in.  
Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Anchor Length \_\_\_\_\_ ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: \_\_\_\_\_  
2nd Open: \_\_\_\_\_

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	Other Charges
_____	Insurance
_____	Total

Time Set Packer(s) \_\_\_\_\_ A.M. P.M. Time Started Off Bottom \_\_\_\_\_ A.M. P.M. Maximum Temperature \_\_\_\_\_  
Initial Hydrostatic Pressure..... (A) \_\_\_\_\_ P.S.I.  
Initial Flow Period..... Minutes \_\_\_\_\_ (B) \_\_\_\_\_ P.S.I. to (C) \_\_\_\_\_ P.S.I.  
Initial Closed In Period..... Minutes \_\_\_\_\_ (D) \_\_\_\_\_ P.S.I.  
Final Flow Period..... Minutes \_\_\_\_\_ (E) \_\_\_\_\_ P.S.I. to (F) \_\_\_\_\_ P.S.I.  
Final Closed In Period..... Minutes \_\_\_\_\_ (G) \_\_\_\_\_ P.S.I.  
Final Hydrostatic Pressure..... (H) \_\_\_\_\_ P.S.I.

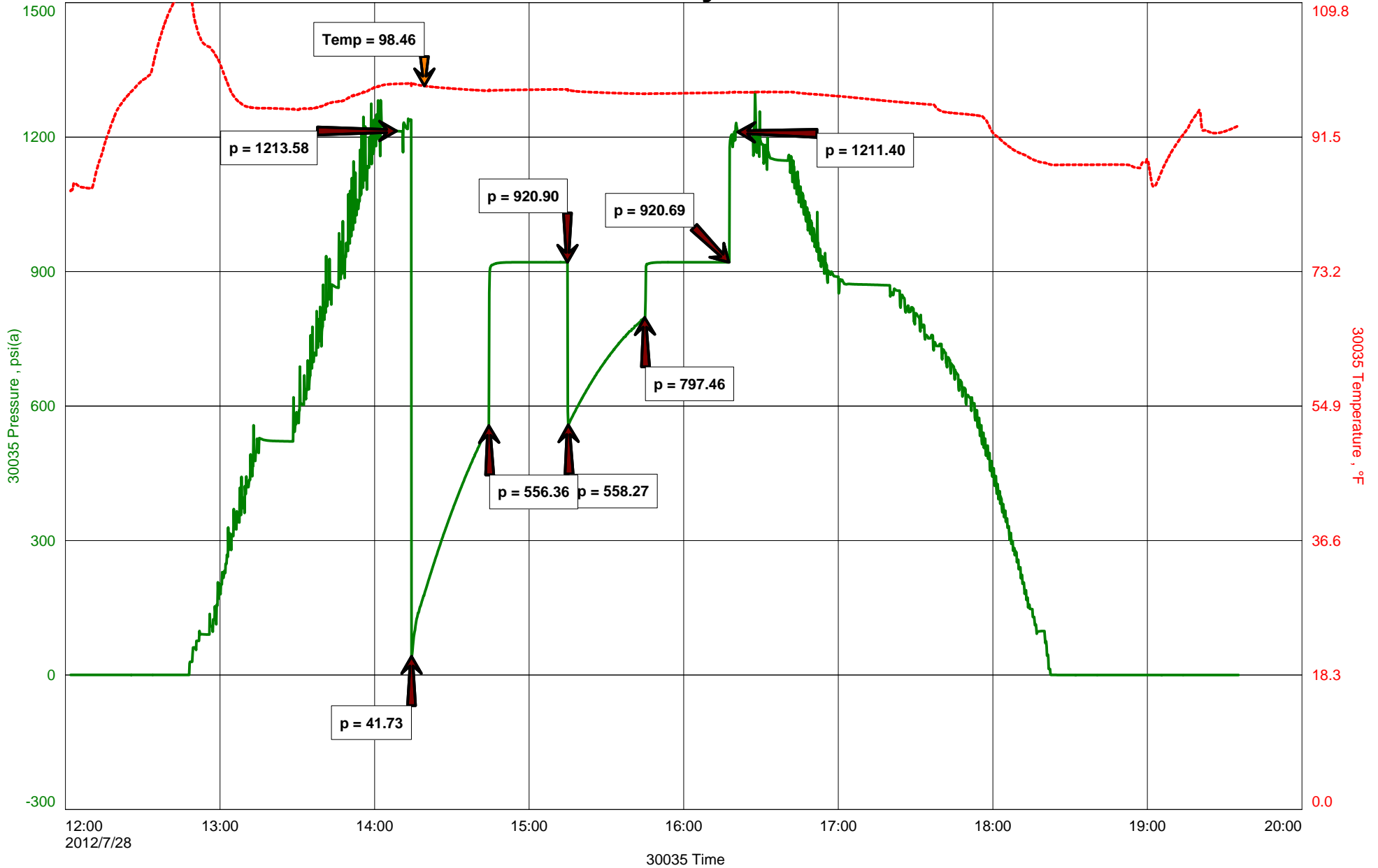
Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



Noble Petroleum  
DST #3 Viola 2480-2495'  
Start Test Date: 2012/07/28  
Final Test Date: 2012/07/28

Harvey #1  
Formation: DST #3 Viola 2480-2495'  
Pool: Wildcat  
Job Number: S0188

# Harvey #1



# Diamond Testing

## General information Report

### General Information

**Company Name** Noble Petroleum

<b>Contact</b>	Jay Ablah	<b>Job Number</b>	S0188
<b>Well Name</b>	Harvey #1	<b>Representative</b>	Jacob McCallie
<b>Unique Well ID</b>	DST #3 Viola 2480-2495'	<b>Well Operator</b>	Noble Petroleum
<b>Surface Location</b>	SEC 35-21-4E Marion County	<b>Report Date</b>	2012/07/28
<b>Well License Number</b>		<b>Prepared By</b>	Jacob McCallie
<b>Field</b>	Wildcat		
<b>Well Type</b>	Vertical		

<b>Test Type</b>	Drill Stem Test		
<b>Formation</b>	DST #3 Viola 2480-2495'		
<b>Well Fluid Type</b>	06 Water	<b>Start Test Time</b>	12:02:00
		<b>Final Test Time</b>	19:36:00
<b>Start Test Date</b>	2012/07/28		
<b>Final Test Date</b>	2012/07/28		
<b>Gauge Name</b>	30035		
<b>Gauge Serial Number</b>			

### Test Results

**RECOVERED:** (circ out)

212'	OS Muddy WTR	2% OIL 53% WTR 45% MUD
410'	Mud Specked WTR	99% WTR 1% MUD
976'	Mud Specked WTR	99% WTR 1% MUD (down hole)
63'	Muddy WTR	68% WTR 32% MUD
1661'	TOTAL FLUID	

**PH:** 7  
**RW:** .68 @ 100 degrees F  
**CHLORIDES:** 9,000 ppm

**TOOL SAMPLE:**  
2% OIL 95% WTR 3% MUD