

# DIAMOND TESTING

## General Information Report

### General Information

**Company Name** NEW GULF OPERATING, LLC  
**Contact** JIM HENKLE  
**Well Name** BYRON #3-32  
**Unique Well ID** DST #1, ALTAMONT, 4266-4343  
**Surface Location** SEC 32-14S-34W, LOGAN CO. KS.  
**Field** WILDCAT  
**Well Type** Vertical  
**Test Type** CONVENTIONAL  
**Formation** DST #1, ALTAMONT, 4266-4343  
**Well Fluid Type** 01 Oil

**Representative** TIM VENTERS  
**Well Operator** NEW GULF OPERATING, LLC  
**Report Date** 2014/05/19  
**Prepared By** TIM VENTERS  
**Qualified By** JOHN GOLDSMITH

**Start Test Date** 2014/05/19  
**Final Test Date** 2014/05/19

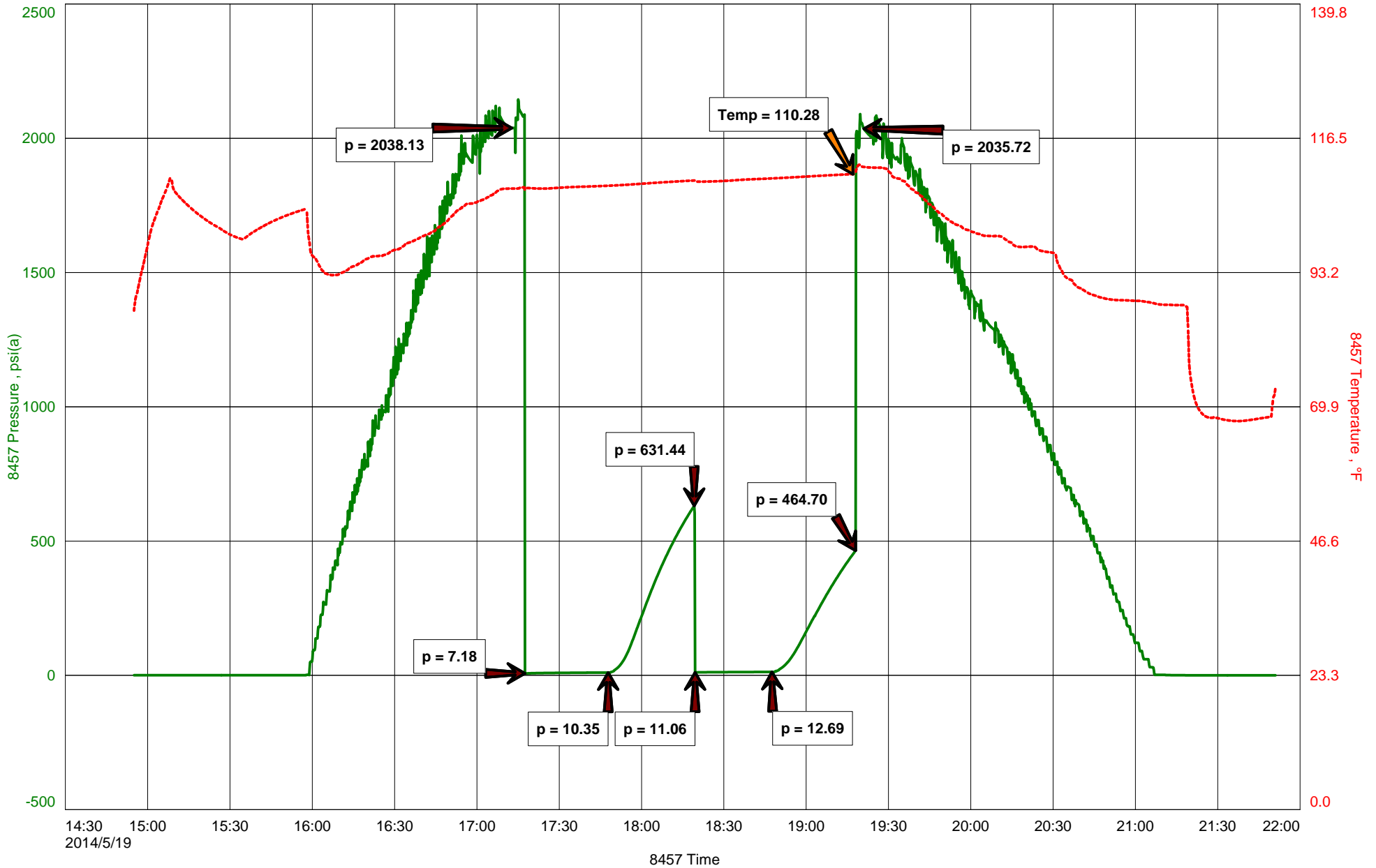
**Start Test Time** 14:55:00  
**Final Test Time** 21:52:00

### Test Recovery:

RECOVERED: 10' MUD

TOOL SAMPLE: 100% MUD

# BYRON #3-32





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: BYRON3-32DST1

TIME ON: 14:55  
TIME OFF: 21:52

Company NEW GULF OPERATING, LLC Lease & Well No. BYRON #3-32  
Contractor VAL ENERGY, INC. RIG #4 Charge to NEW GULF OPERATING, LLC  
Elevation 3019 KB Formation ALTAMONT Effective Pay \_\_\_\_\_ Ft. Ticket No. T348  
Date 5-19-14 Sec. 32 Twp. 14 S Range 34 W County LOGAN State KANSAS  
Test Approved By JOHN GOLDSMITH Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 1 Interval Tested from 4266 ft. to 4343 ft. Total Depth 4343 ft.  
Packer Depth 4261 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4266 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4247 ft. Recorder Number 8457 Cap. 10,000 P.S.I.  
Bottom Recorder Depth (Outside) 4340 ft. Recorder Number 11029 Cap. 5,025 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 52 Drill Collar Length 29 ft. I.D. 2 1/4 in.  
Weight 9.3 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 4,400 P.P.M. Drill Pipe Length 4204 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number 2 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 45 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. <sup>32' DP IN ANCHOR</sup> Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: VERY WEAK SURFACE BLOW LASTING 4 MIN. (NO BB)  
2nd Open: NO BLOW THROUGHOUT PERIOD. (NO BB)

Recovered 10 ft. of MUD  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks:	Price Job
	Other Charges
	Insurance
TOOL SAMPLE: 100% MUD	Total

Time Set Packer(s) 5:17 PM <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 7:17 PM <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 110 deg.

Initial Hydrostatic Pressure..... (A) 2038 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 7 P.S.I. to (C) 10 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 631 P.S.I.  
Final Flow Period..... Minutes 30 (E) 11 P.S.I. to (F) 13 P.S.I.  
Final Closed In Period..... Minutes 30 (G) 465 P.S.I.  
Final Hydrostatic Pressure..... (H) 2036 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.