

# DIAMOND TESTING

## General Information Report

### General Information

**Company Name** D&J OIL COMPANY, INC.  
**Contact** CRAIG ROBERTS  
**Well Name** WICKED WITCH #2  
**Unique Well ID** DST #2, MISSISSIPPIAN, 4398-4452  
**Surface Location** SEC 1-20S-24W, NESS CO. KS.  
**Field** H-L  
**Well Type** Vertical  
**Test Type** STRADDLE  
**Formation** DST #2, MISSISSIPPIAN, 4398-4452  
**Well Fluid Type** 01 Oil

**Representative** TIM VENTERS  
**Well Operator** D&J OIL COMPANY, INC.  
**Report Date** 2013/11/29  
**Prepared By** TIM VENTERS  
**Qualified By** JOHN GOLDSMITH

**Start Test Date** 2013/11/29  
**Final Test Date** 2013/11/29

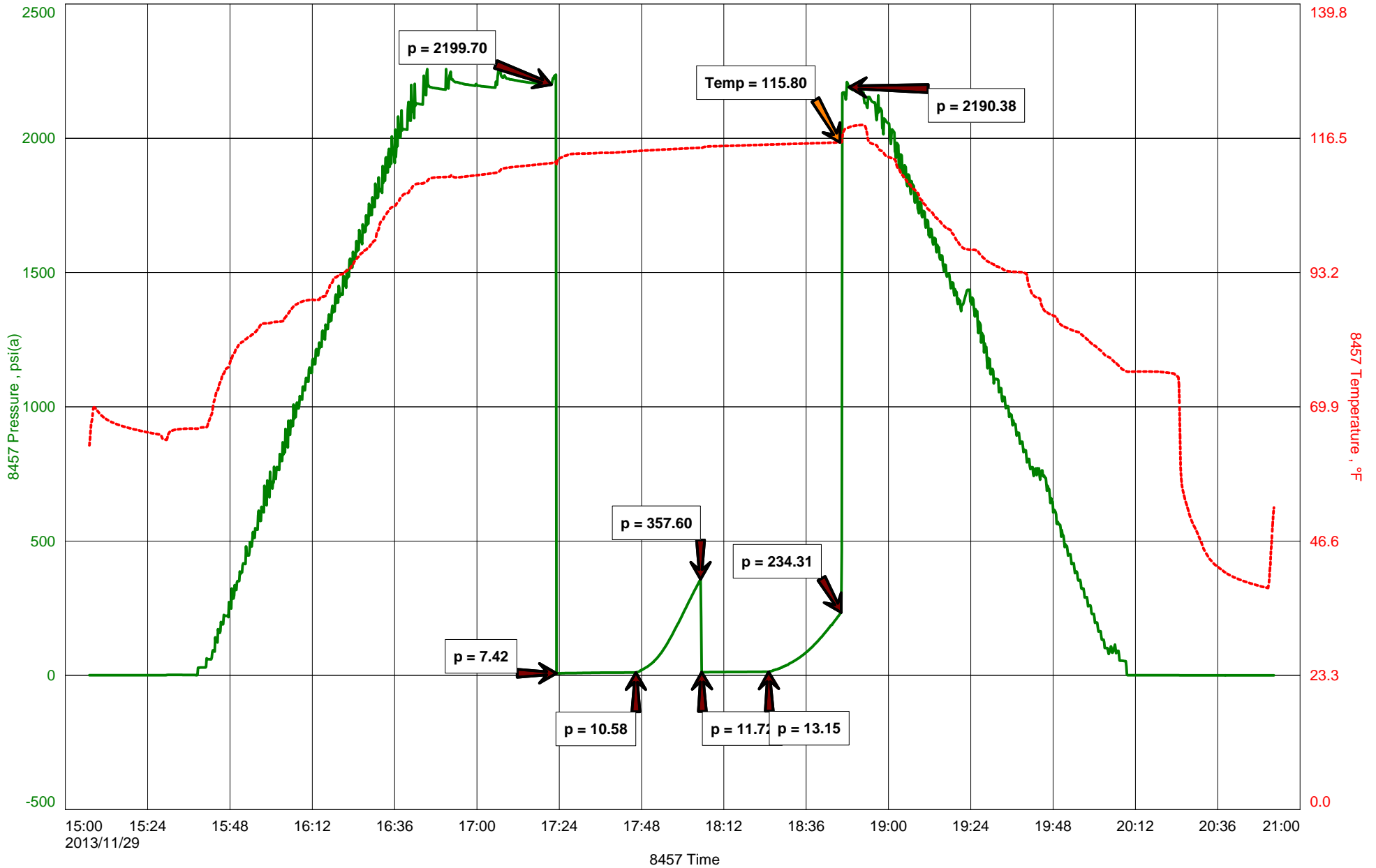
**Start Test Time** 15:07:00  
**Final Test Time** 20:53:00

### Test Recovery:

RECOVERED: 5' MUD W/TR. O, TRACE OIL, 100% MUD

TOOL SAMPLE: TRACE OIL, 100% MUD

# WICKED WITCH #2





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: WICKEDWITCH2DST2

TIME ON: 15:07  
TIME OFF: 20:53

Company D&J OIL COMPANY, INC. Lease & Well No. WICKED WITCH #2  
Contractor MURFIN DRILLING CO., INC. RIG #16 Charge to D&J OIL COMPANY, INC.  
Elevation 2327 KB Formation MISSISSIPPIAN Effective Pay \_\_\_\_\_ Ft. Ticket No. T290  
Date 11-29-13 Sec. 1 Twp. \_\_\_\_\_ 20 S Range \_\_\_\_\_ 24 W County NESS State KANSAS  
Test Approved By JOHN GOLDSMITH Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 2 Interval Tested from 4398 ft. to 4452 ft. Total Depth 4520 ft.  
Packer Depth 4393 ft. Size 6 3/4 in. Packer depth 4452 ft. Size 6 3/4 in.  
Packer Depth 4398 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 4379 ft. Recorder Number 8457 Cap. 10,000 P.S.I.  
Bottom Recorder Depth (Outside) 4449 ft. Recorder Number 11030 Cap. 5,025 P.S.I.  
Below Straddle Recorder Depth 4517 ft. Recorder Number 11029 Cap. 5,025 P.S.I.

Mud Type CHEMICAL Viscosity 52 Drill Collar Length 91 ft. I.D. 2 1/4 in.  
Weight 9.5 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 2,000 P.P.M. Drill Pipe Length 4274 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 22 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: WEAK SURFACE BLOW THROUGHOUT PERIOD. (NO BB)  
2nd Open: WEAK SURFACE BLOW THROUGHOUT PERIOD. (NO BB)

Recovered <u>5</u> ft. of <u>MW/TR. O, TRACE OIL, 100% MUD</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>TRACE OIL, 100% MUD</u>	Total

Time Set Packer(s) 5:24 PM <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 6:44 PM <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 116 deg.  
Initial Hydrostatic Pressure..... (A) 2200 P.S.I.  
Initial Flow Period..... Minutes 20 (B) 7 P.S.I. to (C) 11 P.S.I.  
Initial Closed In Period..... Minutes 20 (D) 358 P.S.I.  
Final Flow Period..... Minutes 20 (E) 12 P.S.I. to (F) 13 P.S.I.  
Final Closed In Period..... Minutes 20 (G) 234 P.S.I.  
Final Hydrostatic Pressure..... (H) 2190 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.