

# DIAMOND TESTING

## General Information Report

### General Information

**Company Name** D&J OIL COMPANY, INC.  
**Contact** CRAIG ROBERTS  
**Well Name** WICKED WITCH #6  
**Unique Well ID** DST #2, MISSISSIPPIAN, 4385-4406  
**Surface Location** SEC 31-19S-23W, NESS CO. KS.  
**Field** FRANKLIN  
**Well Type** Vertical  
**Test Type** CONVENTIONAL  
**Formation** DST #2, MISSISSIPPIAN, 4385-4406  
**Well Fluid Type** 01 Oil

**Representative** TIM VENTERS  
**Well Operator** D&J OIL COMPANY, INC.  
**Report Date** 2013/12/09  
**Prepared By** TIM VENTERS  
**Qualified By** JOHN GOLDSMITH

**Start Test Date** 2013/12/08  
**Final Test Date** 2013/12/09

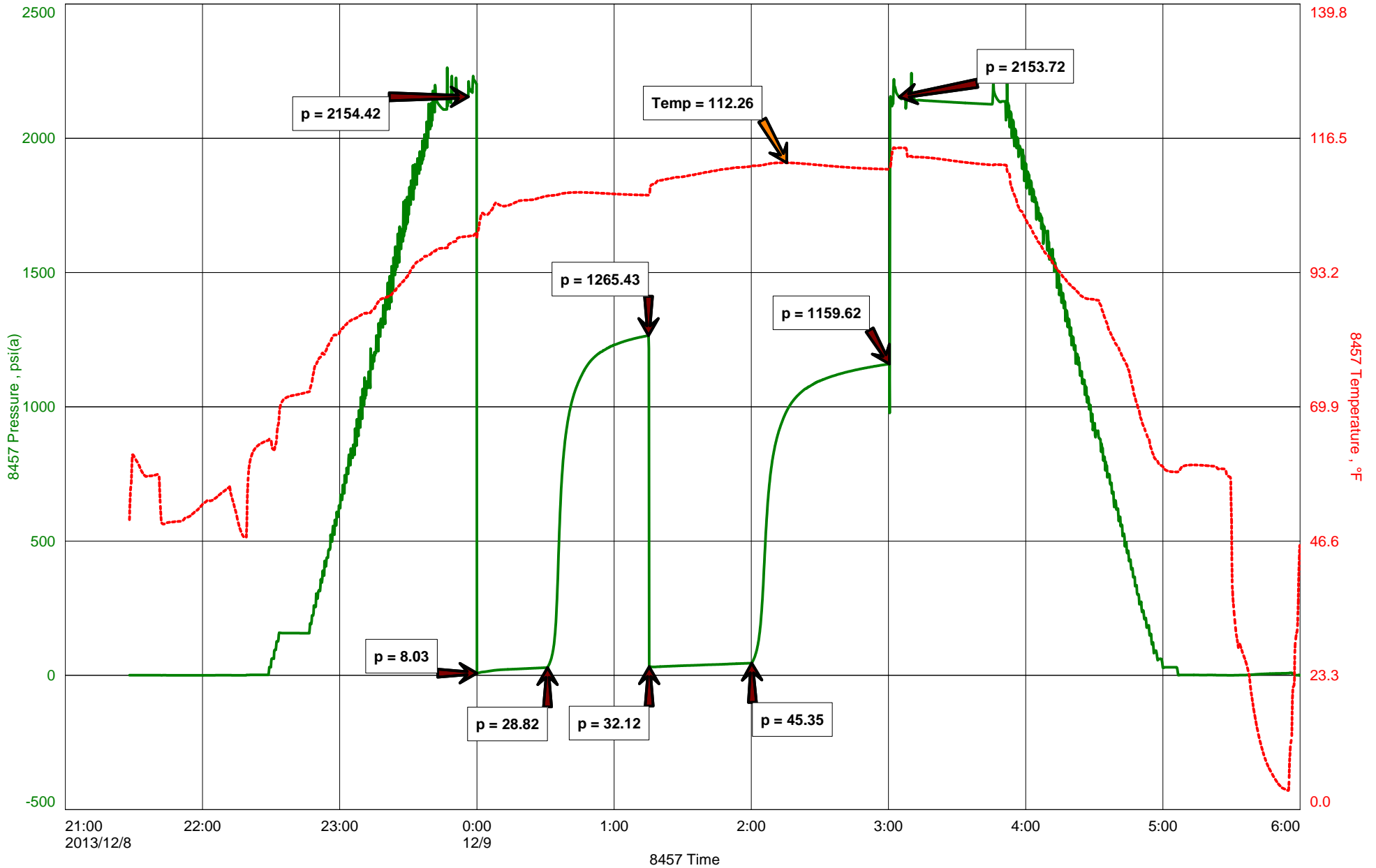
**Start Test Time** 21:28:00  
**Final Test Time** 06:00:00

### Test Recovery:

RECOVERED: 25' CO, 100% OIL, GRAVITY: 35  
10' MCW, 82% OIL, 18% MUD  
65' HMCO, 58% OIL, 42% MUD  
100' TOTAL FLUID

TOOL SAMPLE: 47% OIL, 53% MUD

# WICKED WITCH #6





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: WICKEDWITCH6DST2

TIME ON: 21:28 12-8-13  
TIME OFF: 06:00 12-9-13

Company D&J OIL COMPANY, INC. Lease & Well No. WICKED WITCH #6  
Contractor MURFIN DRILLING CO., INC. RIG #16 Charge to D&J OIL COMPANY, INC.  
Elevation 2306 KB Formation MISSISSIPPIAN Effective Pay \_\_\_\_\_ Ft. Ticket No. T296  
Date 12-8-13 Sec. 31 Twp. \_\_\_\_\_ 19 S Range \_\_\_\_\_ 23 W County NESS State KANSAS  
Test Approved By JOHN GOLDSMITH Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 2 Interval Tested from 4385 ft. to 4406 ft. Total Depth 4406 ft.  
Packer Depth 4380 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4385 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4366 ft. Recorder Number 8457 Cap. 10,000 P.S.I.  
Bottom Recorder Depth (Outside) 4403 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 56 Drill Collar Length 30 ft. I.D. 2 1/4 in.  
Weight 9.4 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 3,000 P.P.M. Drill Pipe Length 4322 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 21 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/2 INCH BLOW, BUILDING TO 5 INCHES. (VWS BB)  
2nd Open: WEAK 1/4 INCH BLOW, BUILDING TO 7 INCHES. (NO BB)

Recovered 25 ft. of CO, 100% OIL, GRAVITY: 35  
Recovered 10 ft. of MCO, 82% OIL, 18% MUD  
Recovered 65 ft. of HMCO, 58% OIL, 42% MUD  
Recovered 100 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: 47% OIL, 53% MUD	Total

Time Set Packer(s) 11:59 AM A.M. P.M. Time Started Off Bottom 2:59 AM A.M. P.M. Maximum Temperature 112 deg.

Initial Hydrostatic Pressure..... (A) 2154 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 29 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 1265 P.S.I.  
Final Flow Period..... Minutes 45 (E) 32 P.S.I. to (F) 45 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 1160 P.S.I.  
Final Hydrostatic Pressure..... (H) 2154 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.