

# DIAMOND TESTING

## General Information Report

### General Information

**Company Name** RJM COMPANY  
**Contact** CHRIS HOFFMAN  
**Well Name** MARY JEAN #1  
**Unique Well ID** DST #3, ARBUCKLE, 3350-3400  
**Surface Location** SEC 24-19S-12W, BARTON CO. KS.  
**Field** CHEYENNE VIEW  
**Well Type** Vertical  
**Test Type** CONVENTIONAL  
**Formation** DST #3, ARBUCKLE, 3350-3400  
**Well Fluid Type** 01 Oil

**Representative** TIM VENTERS  
**Well Operator** RJM COMPANY  
**Report Date** 2013/02/17  
**Prepared By** TIM VENTERS  
**Qualified By** CHRIS HOFFMAN

**Start Test Date** 2013/02/17  
**Final Test Date** 2013/02/17

**Start Test Time** 00:16:00  
**Final Test Time** 06:38:00

### Test Recovery:

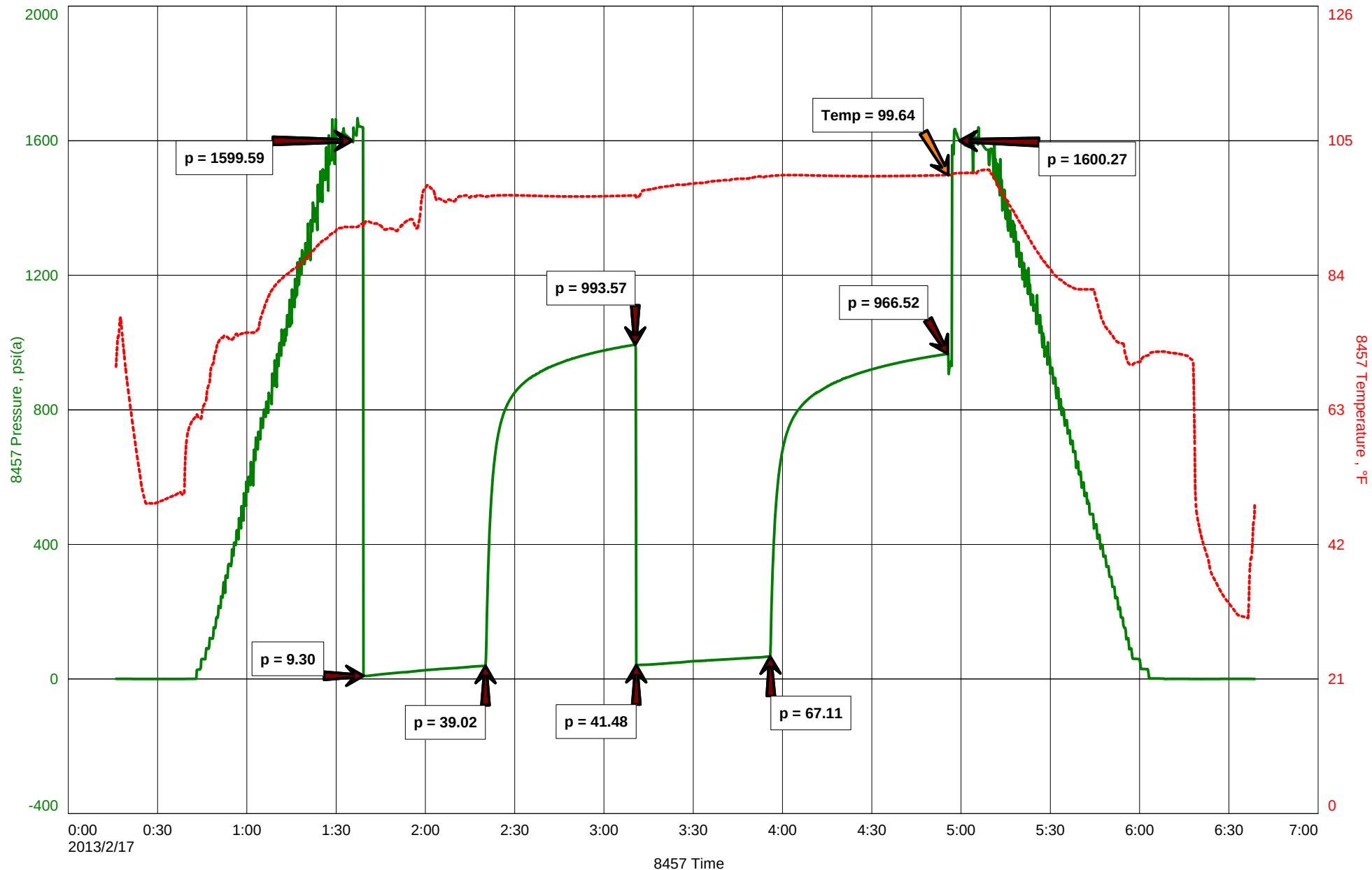
RECOVERED: 65' MW/TR. O, TRACE OIL, 100% MUD  
65' VSOCM, 4% OIL, 96% MUD  
130' TOTAL FLUID

TOOL SAMPLE: 6% OIL, 94% MUD

RJM COMPANY  
DST #3, ARBUCKLE, 3350-3400  
Start Test Date: 2013/02/17  
Final Test Date: 2013/02/17

MARY JEAN #1  
Formation: DST #3, ARBUCKLE, 3350-3400  
Pool: CHEYENNE VIEW  
Job Number: T165

# MARY JEAN #1





DIAMOND TESTING  
P.O. Box 157  
HOISINGTON, KANSAS 67544  
(800) 542-7313  
DRILL-STEM TEST TICKET  
FILE: MARYJEAN1DST3

TIME ON: 00:16  
TIME OFF: 06:38

Company RJM COMPANY Lease & Well No. MARY JEAN #1  
Contractor SOUTHWIND DRILLING, INC. RIG #2 Charge to RJM COMPANY  
Elevation 1810 KB Formation ARBUCKLE Effective Pay \_\_\_\_\_ Ft. Ticket No. T165  
Date 2-17-13 Sec. 24 Twp. \_\_\_\_\_ 19 S Range \_\_\_\_\_ 12 W County BARTON State KANSAS  
Test Approved By CHRIS HOFFMAN Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 3 Interval Tested from 3350 ft. to 3400 ft. Total Depth 3400 ft.  
Packer Depth 3345 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3350 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3331 ft. Recorder Number 8457 Cap. 10,000 P.S.I.  
Bottom Recorder Depth (Outside) 3397 ft. Recorder Number 11030 Cap. 5,025 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 47 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 9.2 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 4,000 P.P.M. Drill Pipe Length 3317 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number 4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 19 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. <sup>31' DP IN ANCHOR</sup> Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/2 INCH BLOW, BULDING TO 7 1/2 INCHES. (NOBB)  
2nd Open: WEAK 1/4 INCH BLOW, BUILDING TO 5 1/2 INCHES. (NOBB)

Recovered 65 ft. of M W/TR. OIL, TRACE OIL  
Recovered 65 ft. of VSOCM, 4% OIL, 96% MUD  
Recovered 130 ft. of TOTAL FLUID

|                              |               |
|------------------------------|---------------|
| Recovered _____ ft. of _____ | Price Job     |
| Recovered _____ ft. of _____ | Other Charges |
| Recovered _____ ft. of _____ | Insurance     |
| Remarks: _____               |               |
| TOOL SAMPLE: 6% OIL, 94% MUD | Total         |

Time Set Packer(s) 1:39 AM A.M. P.M. Time Started Off Bottom 4:54 AM A.M. P.M. Maximum Temperature 100 deg.

Initial Hydrostatic Pressure..... (A) 1600 P.S.I.  
Initial Flow Period..... Minutes 45 (B) 9 P.S.I. to (C) 39 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 994 P.S.I.  
Final Flow Period..... Minutes 45 (E) 41 P.S.I. to (F) 67 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 967 P.S.I.  
Final Hydrostatic Pressure..... (H) 1600 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.