

# DIAMOND TESTING

## General Information Report

### General Information

|                  |                                  |
|------------------|----------------------------------|
| Company Name     | RJM COMPANY                      |
| Contact          | CHRIS HOFFMAN                    |
| Well Name        | MARY JEAN #1                     |
| Unique Well ID   | DST #1, LANSING "A-F", 3106-3194 |
| Surface Location | SEC 24-19S-12W, BARTON CO. KS.   |
| Field            | CHEYENNE VIEW                    |
| Well Type        | Vertical                         |
| Test Type        | CONVENTIONAL                     |
| Formation        | DST #1, LANSING "A-F" 3106-3194  |
| Well Fluid Type  | 01 Oil                           |

|                |             |
|----------------|-------------|
| Representative | TIM VENTERS |
| Well Operator  | RJM COMPANY |
| Report Date    | 2013/02/15  |
| Prepared By    | TIM VENTERS |
| Qualified By   | WYATT URBIN |

|                 |            |
|-----------------|------------|
| Start Test Date | 2013/02/15 |
| Final Test Date | 2013/02/15 |

|                 |          |
|-----------------|----------|
| Start Test Time | 13:40:00 |
| Final Test Time | 19:21:00 |

### Test Recovery:

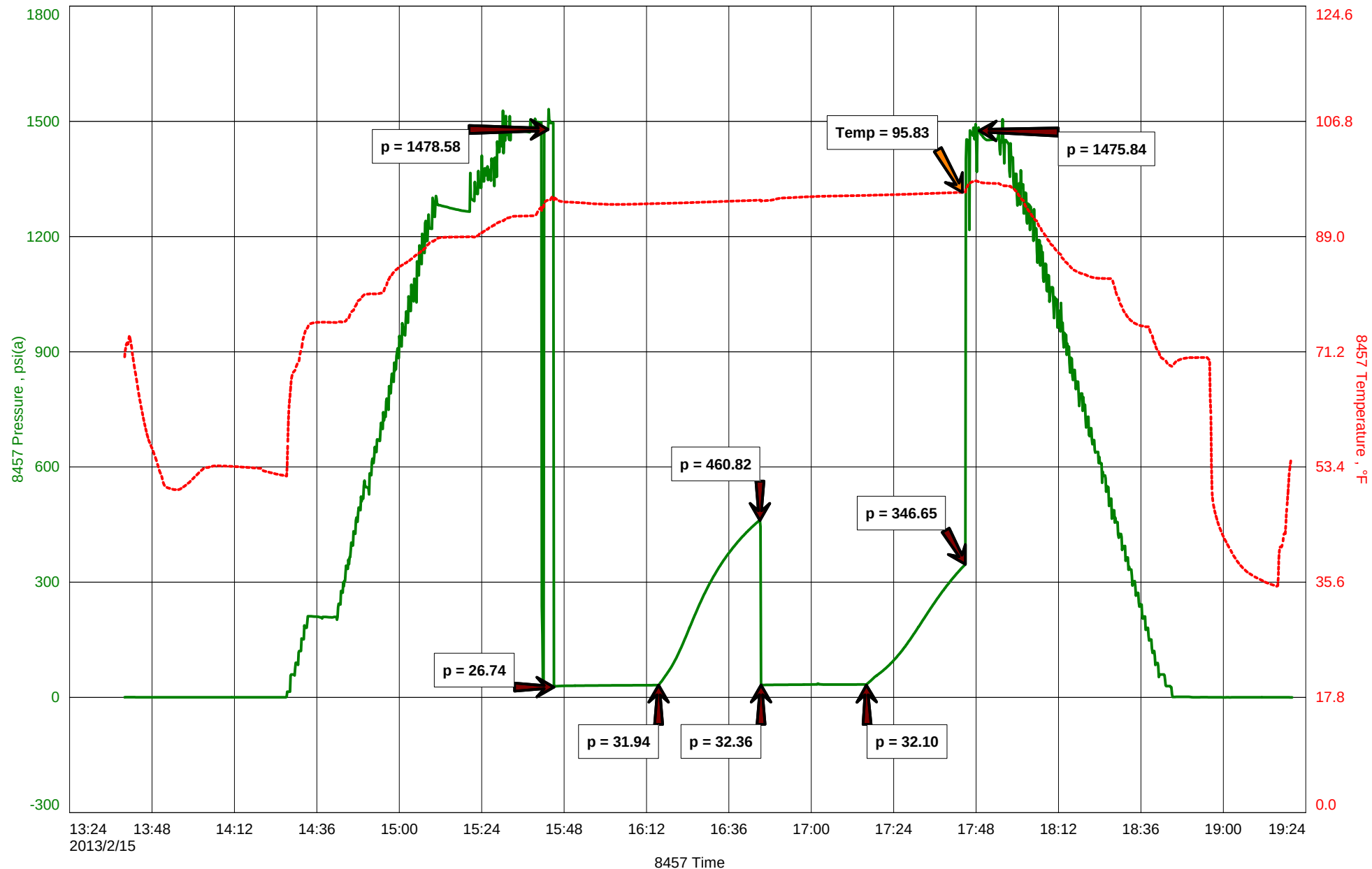
RECOVERED: 55' MUD

TOOL SAMPLE: TRACE OIL, 100% MUD

RJM COMPANY  
DST #1, LANSING "A-F", 3106-3194  
Start Test Date: 2013/02/15  
Final Test Date: 2013/02/15

MARY JEAN #1  
Formation: DST #1, LANSING "A-F" 3106-3194  
Pool: CHEYENNE VIEW  
Job Number: T163

## MARY JEAN #1





DIAMOND TESTING  
P.O. Box 157  
HOISINGTON, KANSAS 67544  
(800) 542-7313  
DRILL-STEM TEST TICKET  
FILE: MARYJEAN1DST1

TIME ON: 13:40  
TIME OFF: 19:21

Company RJM COMPANY Lease & Well No. MARY JEAN #1  
Contractor SOUTHWIND DRILLING, INC. RIG #2 Charge to RJM COMPANY  
Elevation 1810 KB Formation LANSING "A-F" Effective Pay \_\_\_\_\_ Ft. Ticket No. T163  
Date 2-15-13 Sec. 24 Twp. \_\_\_\_\_ 19 S Range \_\_\_\_\_ 12 W County BARTON State KANSAS  
Test Approved By WYATT URBIN Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 1 Interval Tested from 3106 ft. to 3194 ft. Total Depth 3194 ft.  
Packer Depth 3101 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3106 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3087 ft. Recorder Number 8457 Cap. 10,000 P.S.I.  
Bottom Recorder Depth (Outside) 3191 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 56 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 9.1 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 4,000 P.P.M. Drill Pipe Length 3073 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 25 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. <sup>63' DP IN ANCHOR</sup> Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/4 INCH BLOW BUILDING TO 1 INCH. (NOBB)  
2nd Open: WEAK SURFACE BLOW THROUGHOUT PERIOD. (NOBB)

|                                                                        |               |
|------------------------------------------------------------------------|---------------|
| Recovered <u>55</u> ft. of <u>MUD</u>                                  |               |
| Recovered _____ ft. of _____                                           |               |
| Recovered _____ ft. of _____                                           |               |
| Recovered _____ ft. of _____                                           |               |
| Recovered _____ ft. of _____                                           | Price Job     |
| Recovered _____ ft. of _____                                           | Other Charges |
| Remarks: <u>WE SLID ABOUT 10' AND LOST PACKER SEED ON THE 1ST TRY.</u> | Insurance     |
| TOOL SAMPLE: <u>TRACE OIL, 100% MUD</u>                                | Total         |

Time Set Packer(s) 3:44 PM A.M. P.M. Time Started Off Bottom 5:44 PM A.M. P.M. Maximum Temperature 96 deg.  
Initial Hydrostatic Pressure..... (A) 1479 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 27 P.S.I. to (C) 32 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 461 P.S.I.  
Final Flow Period..... Minutes 30 (E) 32 P.S.I. to (F) 32 P.S.I.  
Final Closed In Period..... Minutes 30 (G) 347 P.S.I.  
Final Hydrostatic Pressure..... (H) 1476 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.