

DIAMOND TESTING

General Information Report

General Information

Company Name RJM COMPANY
Contact CHRIS HOFFMAN
Well Name MARY JEAN #1
Unique Well ID DST #2, ARBUCKLE, 3350-3391
Surface Location SEC 24-19S-12W, BARTON CO. KS.
Field CHEYENNE VIEW
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #2, ARBUCKLE, 3350-3391
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator RJM COMPANY
Report Date 2013/02/16
Prepared By TIM VENTERS
Qualified By JOSH AUSTIN

Start Test Date 2013/02/16
Final Test Date 2013/02/16

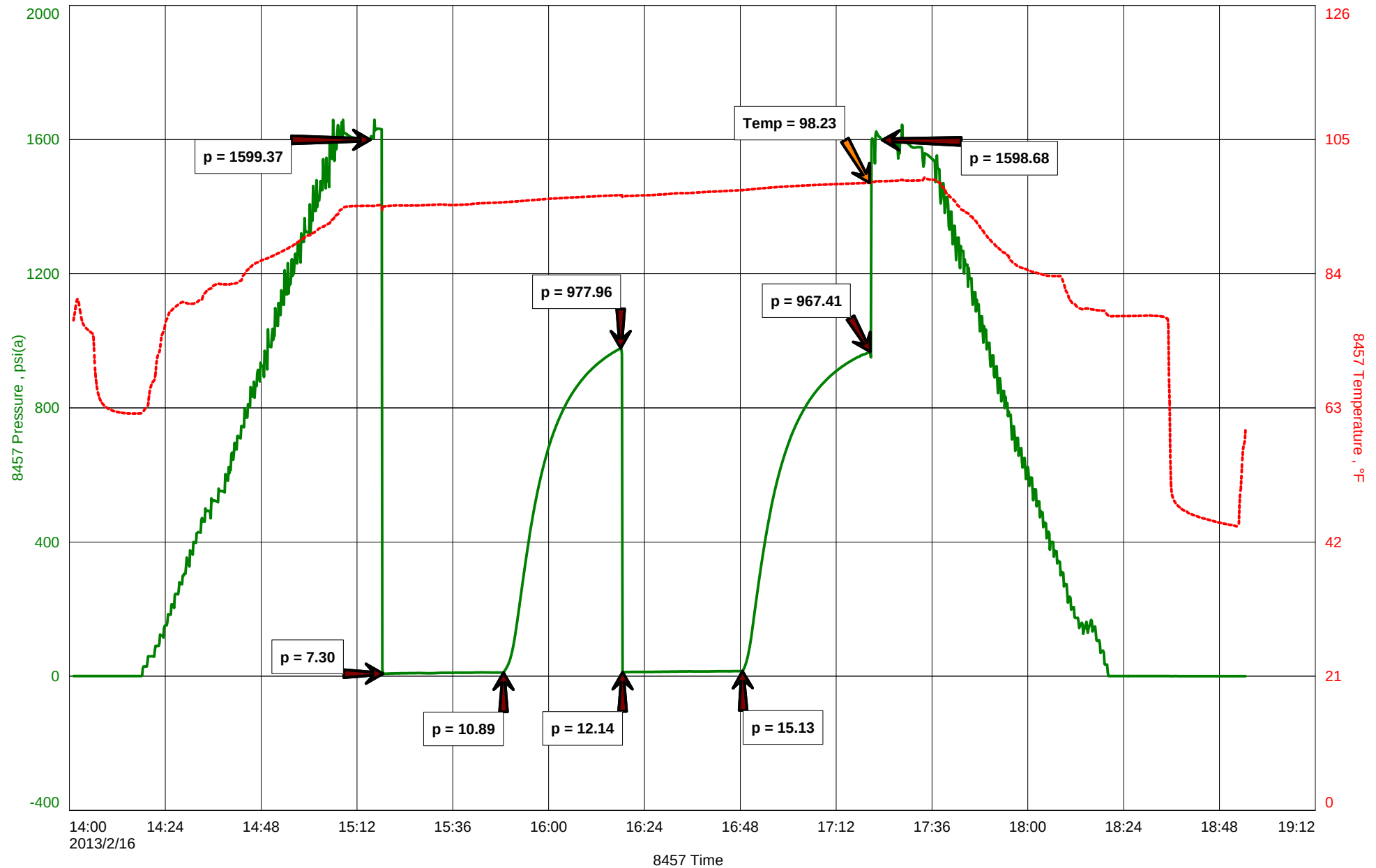
Start Test Time 14:01:00
Final Test Time 18:53:00

Test Recovery:

RECOVERED: 1' CLEAN OIL
20' HOCM, 47% OIL, 53% MUD

TOOL SAMPLE: 16% OIL, 84% MUD

MARY JEAN #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: MARYJEAN1DST2

TIME ON: 14:01
TIME OFF: 18:53

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. T164
Date 2-16-13 Sec. 24 Twp. 19 S Range 12 W County BARTON State KANSAS
Test Approved By JOSH AUSTIN Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 2 Interval Tested from 3350 ft. to 3391 ft. Total Depth 3391 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) 3388 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 41 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 SURFACE BLOW, BUILDING TO 1 1/4 INCHES. (NOBB)

2nd Open: VERY WEAK SURFACE BLOW, BUILDING TO 1/2 INCH. (NOBB)

Recovered 1 ft. of CO, 100% OIL

Recovered 20 ft. of HOCM 47% OIL, 53% MUD

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

TOOL SAMPLE: 16% OIL, 84% MUD

Time Set Packer(s) 3:18 PM A.M. P.M. Time Started Off Bottom 5:18 PM A.M. P.M. Maximum Temperature 98 deg.

Initial Hydrostatic Pressure..... (A) 1599 P.S.I.

Initial Flow Period..... Minutes 30 (B) 7 P.S.I. to (C) 11 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 978 P.S.I.

Final Flow Period..... Minutes 30 (E) 12 P.S.I. to (F) 15 P.S.I.

Final Closed In Period..... Minutes 30 (G) 967 P.S.I.

Final Hydrostatic Pressure..... (H) 1599 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.