



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: norm1-11dst1

TIME ON: 01:00
TIME OFF: 09:43

Company Blue Ridge Lease & Well No. Norman #1-11
Contractor LD Drilling Charge to Blue Ridge
Elevation 2950 sur Formation _____ Tor-Lans A Effective Pay _____ Ft. Ticket No. S0515
Date 11-14-14 Sec. 11 Twp. _____ 4 S Range _____ 32 W County _____ Rawlins State KANSAS
Test Approved By Jim Musgrove Diamond Representative _____ Jacob McCallie

Formation Test No. 1 Interval Tested from 3873 ft. to 3930 ft. Total Depth 3930 ft.

Packer Depth 3868 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 3873 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3861 ft. Recorder Number _____ Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 3909 ft. Recorder Number _____ Cap. 5,000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 50 Drill Collar Length _____ ft. I.D. 2 1/4 in.

Weight 9.0 Water Loss 8 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.

Chlorides 4,400 P.P.M. Drill Pipe Length 3847 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number NA Test Tool Length 26 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 57 (25.5 A) 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: 1/4" Blow- Built to 5" in 45 min WSBB

2nd Open: WSB- Built to 5 1/2" in 30 min WSBB

Recovered 88 ft. of HOCM 45% O 55% M

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Diesel in bucket

TOOL SAMPLE: 35% O 65% M

Time Set Packer(s) 4:48 AM A.M. Time Started Off Bottom 7:33 AM P.M. Maximum Temperature 118

Initial Hydrostatic Pressure..... (A) 1877 P.S.I.

Initial Flow Period..... Minutes 45 (B) 11 P.S.I. to (C) 34 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 1205 P.S.I.

Final Flow Period..... Minutes 30 (E) 38 P.S.I. to (F) 49 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1239 P.S.I.

Final Hydrostatic Pressure..... (H) 1864 P.S.I.

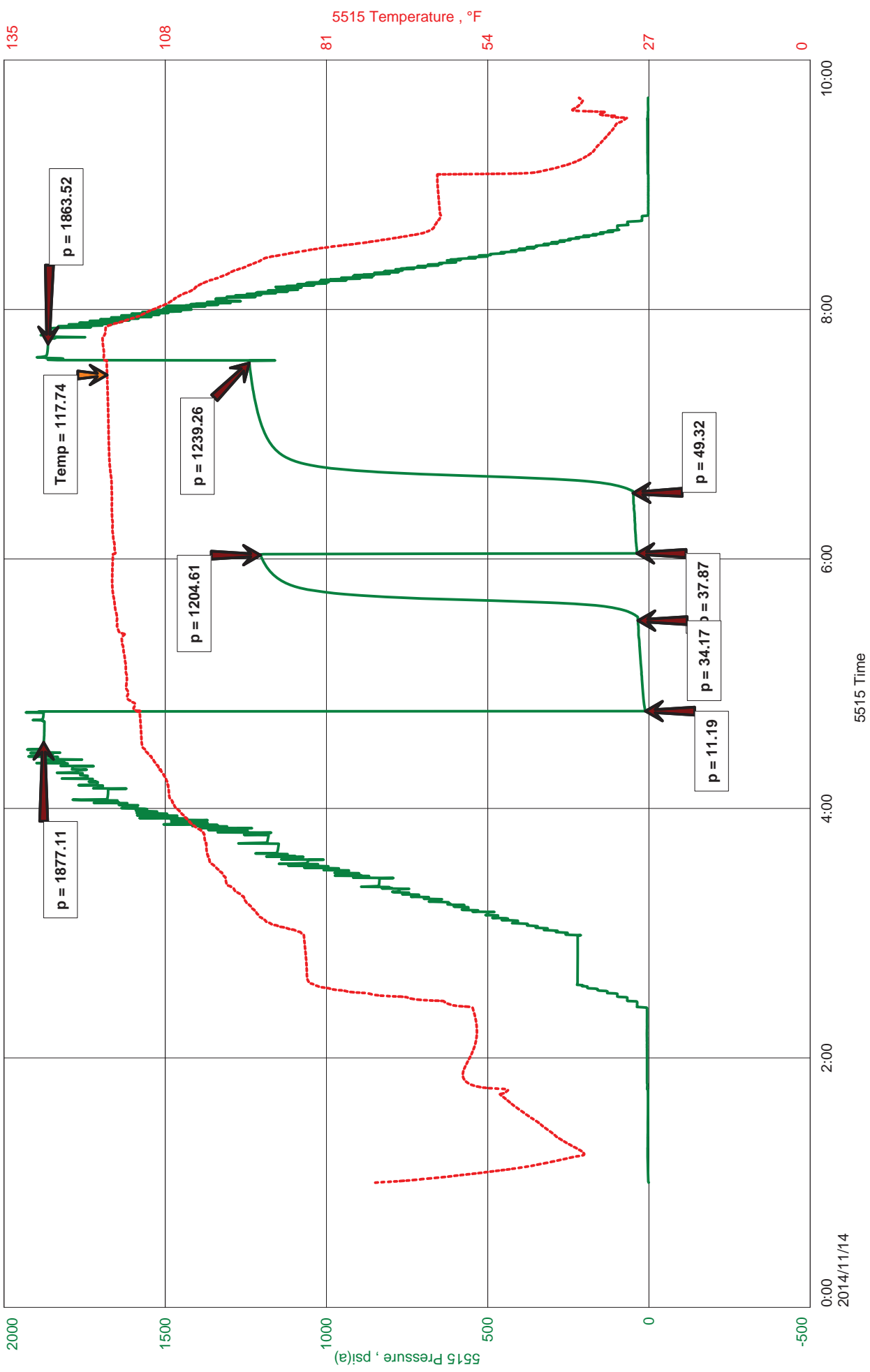
Price Job
Other Charges
Insurance
Total

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.

Blue Ridge
DST #1 Tor-Lan A 3873-3930'
Start Test Date: 2014/11/14
Final Test Date: 2014/11/14

Norman #1-11
Formation: DST #1 Tor-Lan A 3873-3930'
Pool: WC
Job Number: S0515

Norman #1-11





Hoisington, Kansas

JACOB MCCALLIE
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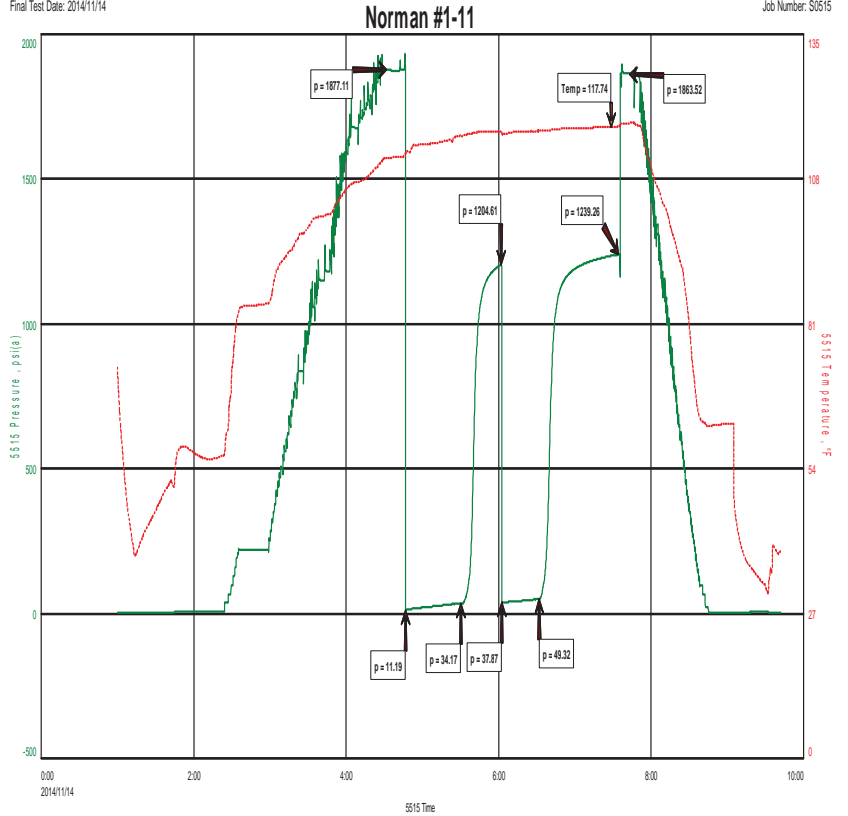
General Information

Company Name Blue Ridge

Contact	Johnathan Allen
Well Name	Norman #1-11
Unique Well ID	DST #1 Tor-Lan A 3873-3930'
Surface Location	SEC 11-4S-32W Rawlins County
Field	Wildcat
Well Operator	Blue Ridge
Test Type	Drill Stem Test
Well Type	Vertical
Formation	DST #1 Tor-Lan A 3873-3930'
Well Fluid Type	01 Oil
Test Purpose (AEUB)	Initial Test
Start Test Date	2014/11/14
Start Test Time	01:00:00
Final Test Date	2014/11/14
Final Test Time	09:43:00
Job Number	S0515
Representative	Jacob McCallie
Prepared By	Jacob McCallie
Report Date	2014/11/14

Blue Ridge
 DST #1 Tor-Lan A 3873-3930'
 Start Test Date: 2014/11/14
 Final Test Date: 2014/11/14

Norman #1-11
 Formation: DST #1 Tor-Lan A 3873-3930'
 Pool: WC
 Job Number: S0515



FLUID RECOVERY

RECOVERY:
 88' HOCM 45% O 55% M

TOOL SAMPLE:
 35% O 65% M