



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: norm1-11dst2

TIME ON: 4:12
TIME OFF: 11:23

Company Blue Ridge Lease & Well No. Norman #1-11
Contractor LD Drilling Charge to Blue Ridge
Elevation 2950 sur Formation LANS B Effective Pay _____ Ft. Ticket No. S0516
Date 11-15-14 Sec. 11 Twp. 4 S Range 32 W County Rawlins State KANSAS
Test Approved By Jim Musgrove Diamond Representative Jacob McCallie

Formation Test No. 2 Interval Tested from 3930 ft. to 3974 ft. Total Depth 3974 ft.
Packer Depth 3925 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.
Packer Depth 3930 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3918 ft. Recorder Number 5515 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 3966 ft. Recorder Number 5586 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 57 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 8.7 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 1,700 P.P.M. Drill Pipe Length 3904 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 44 (12.5A) 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: WSB- Built to 1" in 30 min NOBB
2nd Open: No Blow- No Build (tool plugged 10 min into open) NOBB

Recovered 4 ft. of OSM 2% O 98% M
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks: _____
Diesel in bucket
TOOL SAMPLE: 1% O 99% M

Time Set Packer(s) 7:00 AM A.M. Time Started Off Bottom 9:30 AM A.M. Maximum Temperature 106
P.M. P.M.

Initial Hydrostatic Pressure..... (A) 1819 P.S.I.
Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 11 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 147 P.S.I.
Final Flow Period..... Minutes 45 (E) 12 P.S.I. to (F) 121 P.S.I.
Final Closed In Period..... Minutes 45 (G) 124 P.S.I.
Final Hydrostatic Pressure..... (H) 1816 P.S.I.

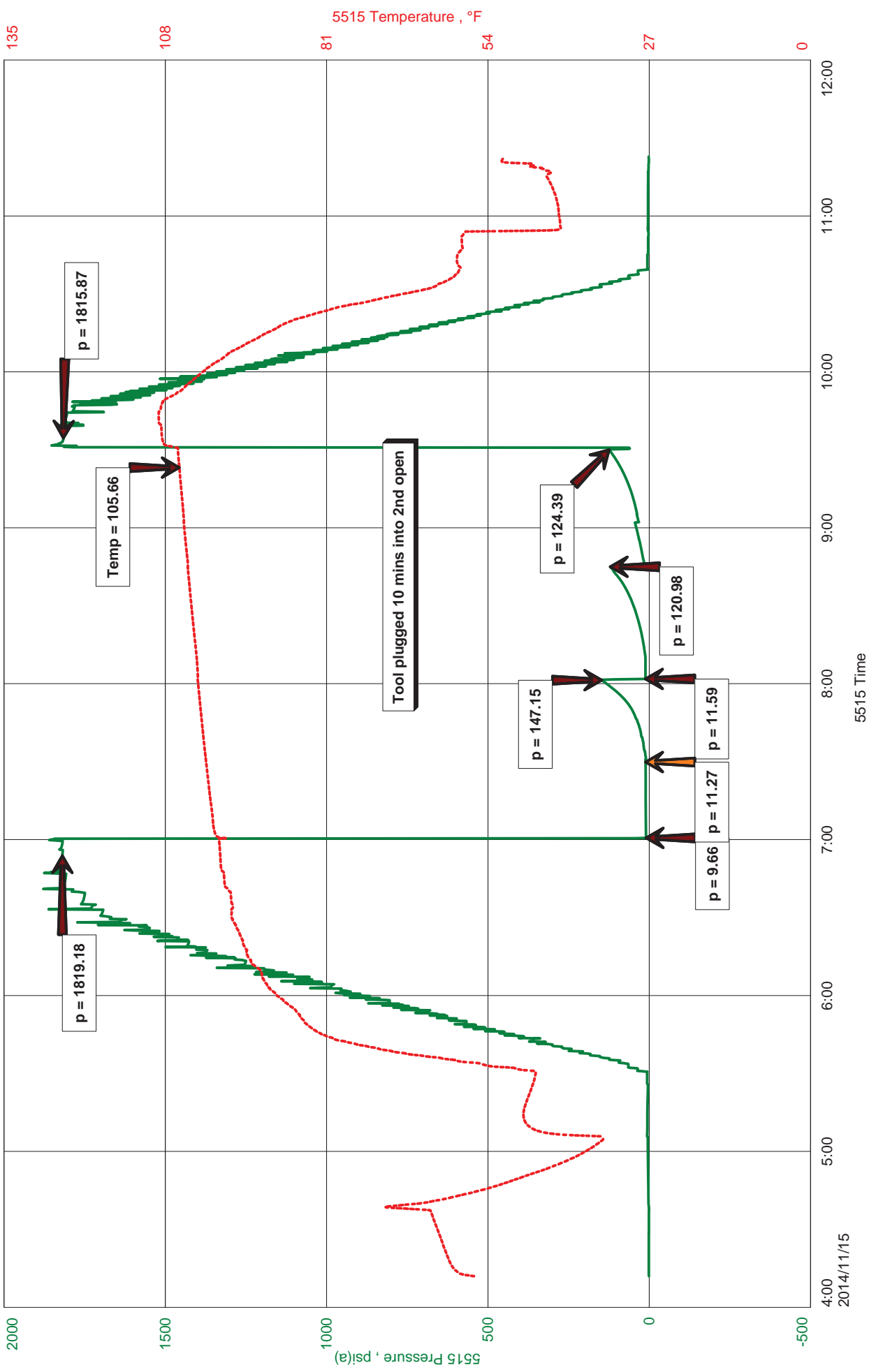
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: 1% O 99% M	Total

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 #2 Lans B 3930-3974'
Start Test Date: 2014/11/15
Final Test Date: 2014/11/15

Norman #1-11
Formation: DST #2 Lans B 3930-3974'
Pool: WC
Job Number: S0516

Norman #1-11





Hoisington, Kansas

JACOB MCCALLIE
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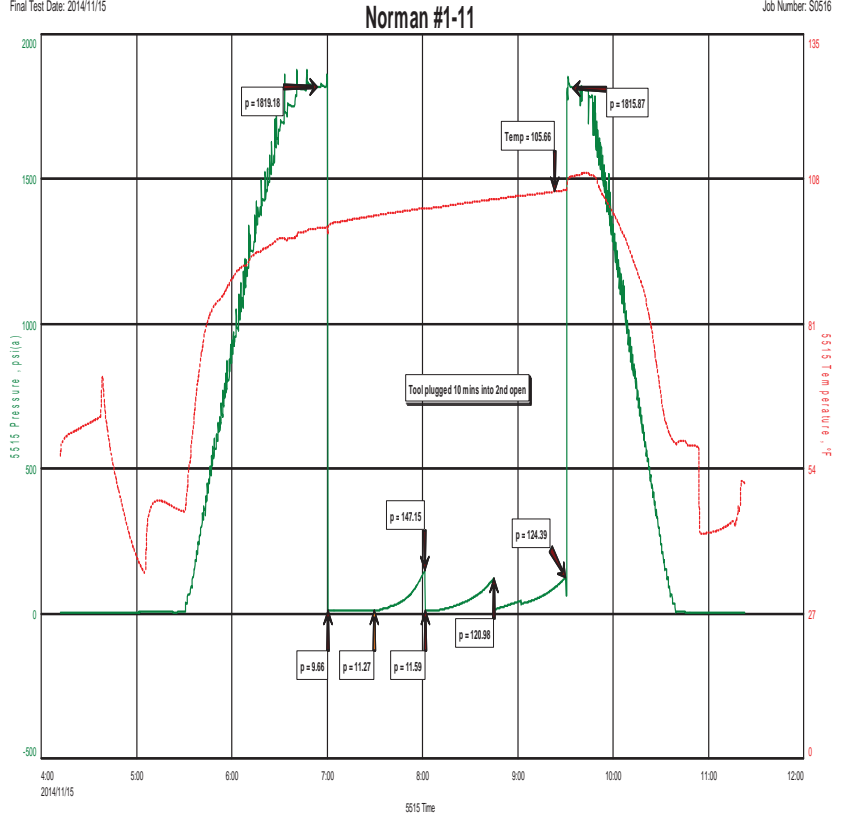
General Information

Company Name Blue Ridge

Contact	Johnathan Allen
Well Name	Norman #1-11
Unique Well ID	DST #2 Lans B 3930-3974'
Surface Location	SEC 11-4S-32W Rawlins County
Field	WC
Well Operator	Blue Ridge
Test Type	Drill Stem Test
Well Type	Vertical
Formation	DST #2 Lans B 3930-3974'
Well Fluid Type	01 Oil
Test Purpose (AEUB)	Initial Test
Start Test Date	2014/11/15
Start Test Time	04:12:00
Final Test Date	2014/11/15
Final Test Time	11:23:00
Job Number	S0516
Representative	Jacob McCallie
Prepared By	Jacob McCallie
Report Date	2014/11/15

Blue Ridge
 DST #2 Lans B 3930-3974'
 Start Test Date: 2014/11/15
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Norman #1-11
 Formation: DST #2 Lans B 3930-3974'
 Pool: WC
 Job Number: S0516



FLUID RECOVERY

4' OSM 2% O 99%M

TOOL SAMPLE:
 1% O 99% M