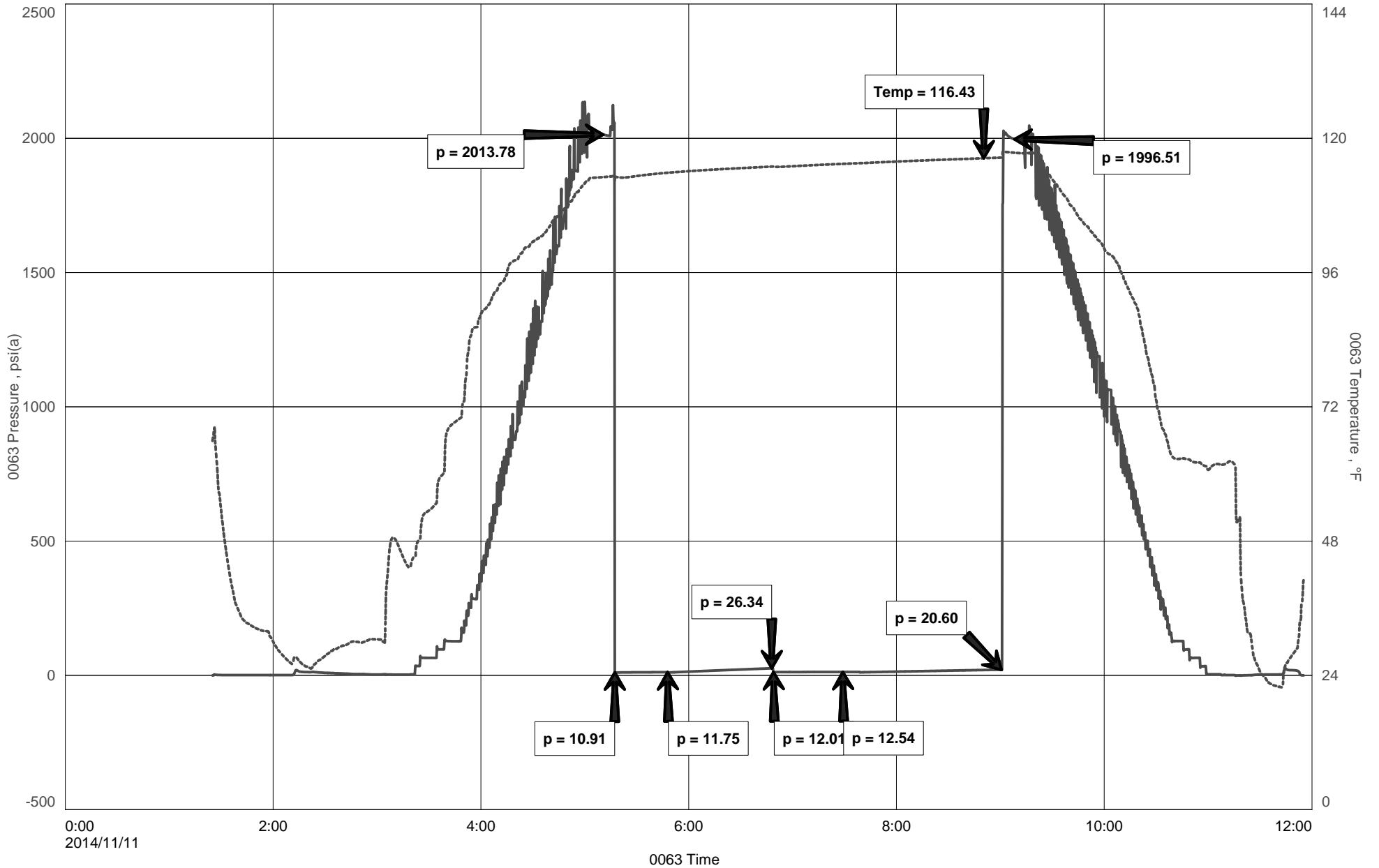


L&J Hartman #1



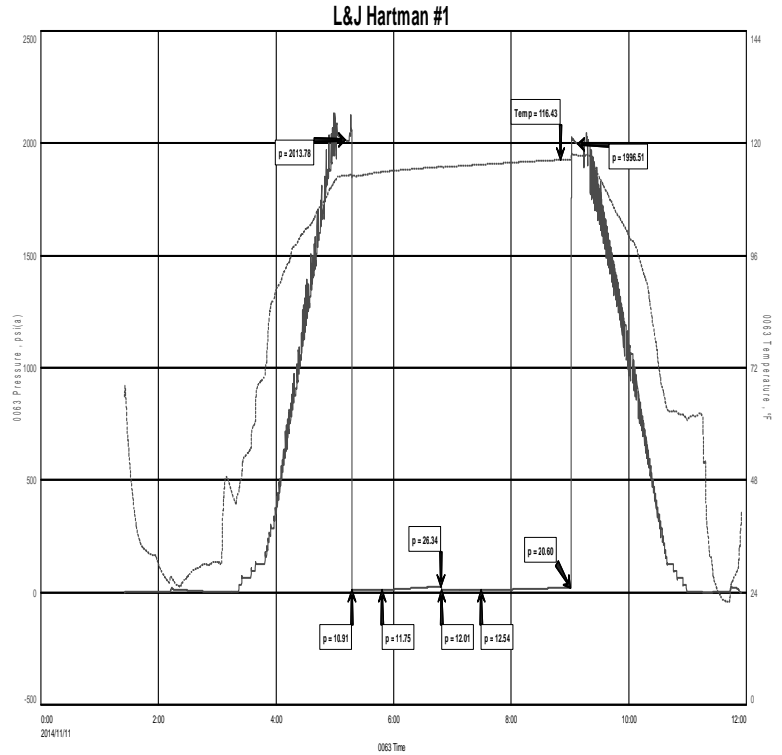


Hoisington, Kansas

Michael Carroll
620-617-0368
carroll.dtlc@gmail.com

General Information

Company Name	Raymond Oil Company
Contact	Ted McHenry
Well Name	L&J Hartman #1
Unique Well ID	Dst #2 L/KC 160'-180' Zones 4134-4200'
Surface Location	Sec14-11s-29w Gove County
Field	WC
Well Type	Vertical
Test Type	Drill Stem Test
Well Operator	Raymond Oil Company
Formation	Dst #2 L/KC 160'-180' Zones 4134-4200'
Well Fluid Type	01 Oil
Test Purpose	Initial Test
Start Test Date	2014/11/11
Start Test Time	01:25:00
Final Test Time	11:55:00
Job Number	P0016
Report Date	2014/11/11
Prepared By	Michael Carroll



TEST RECOVERY

Remarks Recovery:

5'Mud 100%M

Tool Sample:

100%M



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: LJHartman1Dst#2

TIME ON: 0125
TIME OFF: 1155

Company Raymond Oil Company Lease & Well No. L&J Hartman #1
Contractor H2 Drilling LLC Charge to Raymond Oil Company
Elevation 2835KB Formation LKC 160'-180' Zones Effective Pay _____ Ft. Ticket No. P0016
Date 11-11-14 Sec. 14 Twp. _____ 11 S Range _____ 29 W County _____ Gove State KANSAS
Test Approved By Max Lovely Diamond Representative _____ Michael Carroll

Formation Test No. 2 Interval Tested from 4134 ft. to 4200 ft. Total Depth 4200 ft.
Packer Depth 4129 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4134 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4116 ft. Recorder Number _____ 0063 Cap. _____ 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4171 ft. Recorder Number _____ E1150 Cap. _____ 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 60 Drill Collar Length 251 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 1800 P.P.M. Drill Pipe Length 3851 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 3 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 66(34.5a) 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-NO BUILD IN 30MINS NOBB
2nd Open: NO BLOW-NO BUILD NOBB

Recovered 5 ft. of Mud 100%M
Recovered 5 ft. of Total Fluid
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks: _____	Price Job
TOOL SAMPLE: _____	Other Charges
_____	Insurance
_____	Total

Time Set Packer(s) 5:15A.M. A.M. P.M. Time Started Off Bottom 9:00A.M. A.M. P.M. Maximum Temperature 116

Initial Hydrostatic Pressure..... (A) 2014 P.S.I.
Initial Flow Period..... Minutes 30 (B) 11 P.S.I. to (C) 12 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 26 P.S.I.
Final Flow Period..... Minutes 45 (E) 12 P.S.I. to (F) 13 P.S.I.
Final Closed In Period..... Minutes 90 (G) 21 P.S.I.
Final Hydrostatic Pressure..... (H) 1997 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.