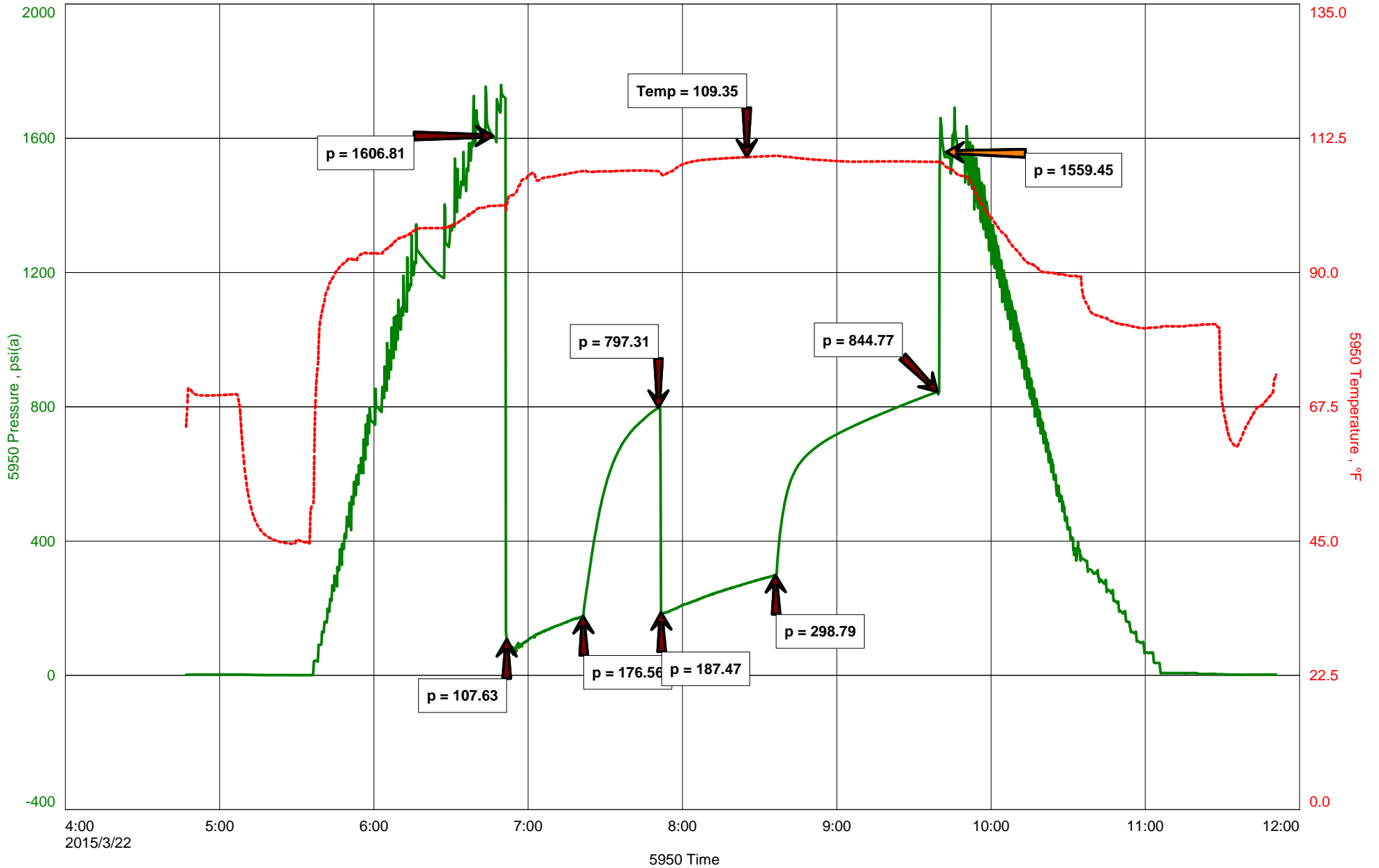


L.B. Exploration
Dst #2 Lans H-J 3361-3420'
Start Test Date: 2015/03/22
Final Test Date: 2015/03/22

Otte #1
Formation: Dst #2 Lans H-J 3361-3420'
Pool: Wildcat
Job Number: P0062

Otte #1





Hoisington, Kansas

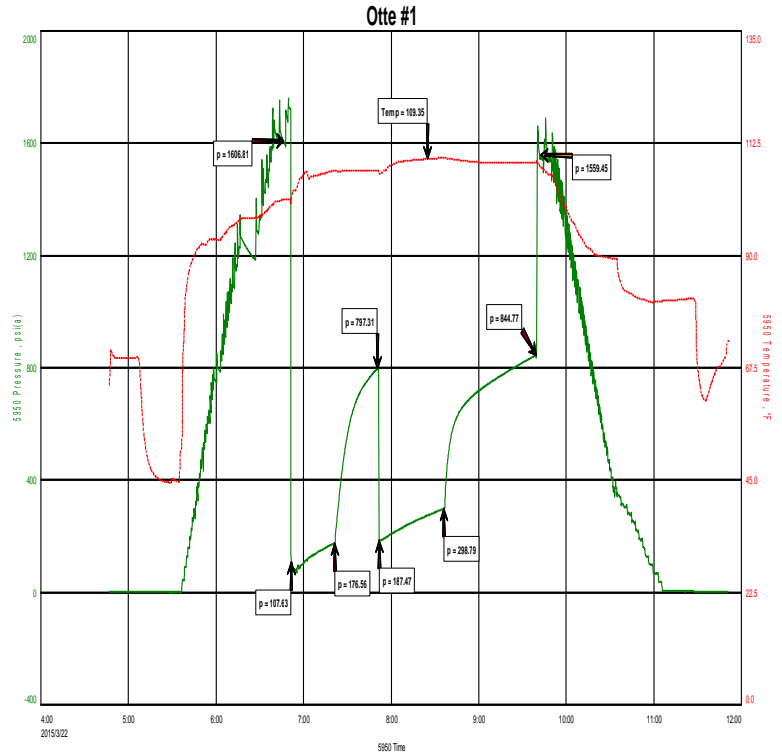
Michael Carroll
620-617-0368
carroll.dtlc@gmail.com

General Information

Company Name L.B. Exploration

Contact Michael Peterman
Well Name Otte #1
Unique Well ID Dst #2 Lans H-J 3361-3420'
Surface Location Sec15-19s-14w Barton County
Field Wildcat
Well Type Vertical
Test Type Drill Stem Test
Well Operator L.B. Exploration

Formation Dst #2 Lans H-J 3361-3420'
Well Fluid Type 01 Oil
Test Purpose Initial Test
Start Test Date 2015/03/22
Start Test Time 04:47:00
Final Test Time 11:51:00
Job Number P0062
Report Date 2015/03/22
Prepared By Michael Carroll



TEST RECOVERY

Remarks	Recovery:	GTS				
		10'	M	100%	M	
		63'	VSLOCM	1%O	99%M	
		315'	WMCGO	25%G	35%O	22%W 18%M
		139'	MCWO	68%O	28%W	4%M
		176'	OCMW	3%O	94%W	3%M

Total Fluid: 703'

Tool Sample: 68%O 28%W 4%M

RW .1 @ 60 Degrees
PH 7
Chlorides 94000 PPM



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Otte#1Dst#2

TIME ON: 0447
TIME OFF: 1151

Company L.B. Exploration Lease & Well No. Otte #1
Contractor Ninnescah Drilling Charge to L.B. Exploration
Elevation 1876GL Formation Lans H-J Effective Pay _____ Ft. Ticket No. P0062
Date 3-22-15 Sec. 15 Twp. 19 S Range 14 W County Barton State KANSAS
Test Approved By Jim Musgrove Diamond Representative Michael Carroll

Formation Test No. 2 Interval Tested from 3361 ft. to 3420 ft. Total Depth 3420 ft.
Packer Depth 3356 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3361 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3349 ft. Recorder Number 5950 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3397 ft. Recorder Number 0230 Cap. 6000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 52 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 3000 P.P.M. Drill Pipe Length 3334 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number na Test Tool Length 27 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 59(27.5a) 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: 2"BLOW-BUILT TO BOB IN 45 SECONDS 5"BB
2nd Open: 2"BLOW-BUILT TO BOB IN 2 MINUTES 50 SECONDS 8"BB

Recovered <u>GTS</u> ft. of <u>IN 17 MINUTES INTO FINAL FLOW</u>	<u>RW .1 @ 60 DEGRESS</u>
Recovered <u>10</u> ft. of <u>M 100%M</u>	<u>PH 7</u>
Recovered <u>63</u> ft. of <u>VSLOCM 1%O 99%M</u>	<u>CHLORIDES 94000 PPM</u>
Recovered <u>315</u> ft. of <u>WMCGO 25%G 35%O 22%W 18%M</u>	
Recovered <u>139</u> ft. of <u>MCWO 68%O 28%W 4%M</u>	Price Job
Recovered <u>176</u> ft. of <u>OCMW 3%O 94%W 3%M</u>	Other Charges
Remarks: <u>TOTAL FLUID: 703</u>	Insurance
<u>TOOL SAMPLE: 68%O 28%W 4%M</u>	Total

Time Set Packer(s) 6:50A.M. A.M. Time Started Off Bottom 9:35A.M. P.M. Maximum Temperature 109

Initial Hydrostatic Pressure..... (A) 1607 P.S.I.
Initial Flow Period..... Minutes 30 (B) 108 P.S.I. to (C) 177 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 797 P.S.I.
Final Flow Period..... Minutes 45 (E) 187 P.S.I. to (F) 299 P.S.I.
Final Closed In Period..... Minutes 60 (G) 845 P.S.I.
Final Hydrostatic Pressure..... (H) 1559 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.