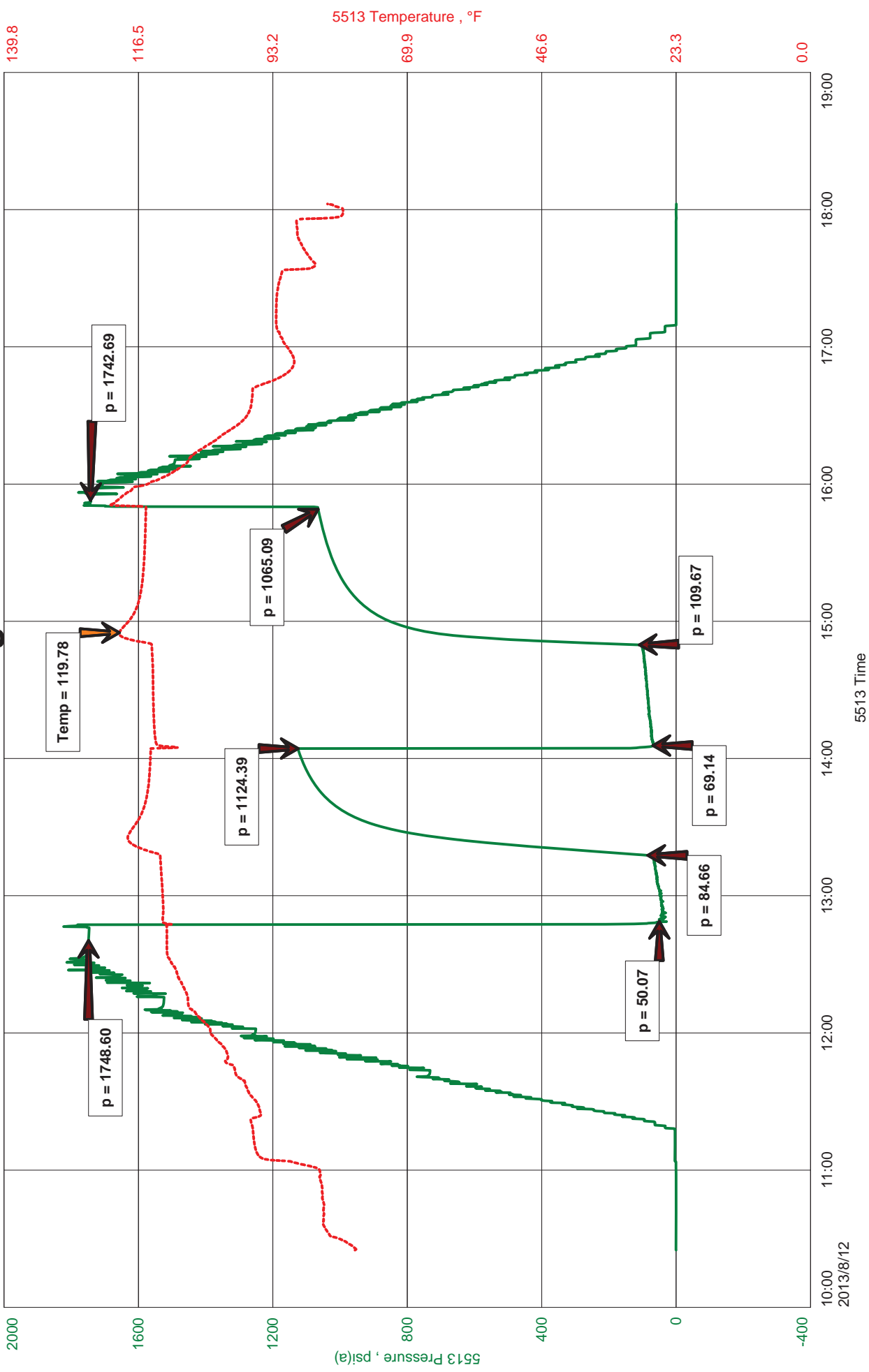


H&D Exploration, LLC
DST #1 Lansing B 3620-3650
Start Test Date: 2013/08/12
Final Test Date: 2013/08/12

Bartlett-Zeigler #1
Formation: Lansing B
Pool: Wildcat
Job Number: K016

Bartlett-Zeigler #1





JASON MCLEMORE

CELL # 620-6170527

General Information

Company Name	H&D Exploration, LLC	Job Number	K016
Contact	Alan Hoffman	Representative	Jason McLemore
Well Name	Bartlett-Zeigler #1	Well Operator	H&D Exploration, LLC
Unique Well ID	DST #1 Lansing B 3620-3650	Prepared By	JasonMcLemore
Surface Location	29-25s-12w-Stafford	Qualified By	Josh Austin
Field	Wildcat	Test Unit	#7
Well Type	Vertical		

Test Information

Test Type	Drill Stem Test	Representative	Jason McLemore
Formation	Lansing B	Well Operator	H&D Exploration, LLC
Well Fluid Type	01 Oil	Report Date	2013/08/12
Test Purpose (AEUB)	Initial Test	Prepared By	JasonMcLemore
Start Test Date	2013/08/12	Start Test Time	10:25:00
Final Test Date	2013/08/12	Final Test Time	18:05:00

Test Results

Recovered:

75	GOCWM 25%G, 15%O, 10%W, 50%M
150	GOCMW 35%G, 25%O, 30%W, 10%M
30	SOCMW 6%O, 91%W, 3%M

255' Total Fluid

CHLORIDES 95000
 PH: 7
 RW .095 @ 68



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: barzeig1dst1

TIME ON: 10:25:00
TIME OFF: 18:05:00

Company H&D Exploration, LLC Lease & Well No. Bartlett/Zeigler #1
Contractor Southwind #6 Charge to H&D Exploration, LLC
Elevation 1886 Formation "B" Effective Pay _____ Ft. Ticket No. K016
Date 8-12-13 Sec. 29 Twp. 25 S Range 12 W County Stafford State KANSAS
Test Approved By Josh Austin Diamond Representative Jason McLemore

Formation Test No. 1 Interval Tested from 3620 ft. to 3650 ft. Total Depth 3650 ft.
Packer Depth 3615 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3620 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3608 ft. Recorder Number 5513 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3617 ft. Recorder Number 13306 Cap. 4625 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 53 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 4000 P.P.M. Drill Pipe Length 3595 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number N/A Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out no Anchor Length 30 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: Strong, BOB in 13 Sec. GTS in 9 Min. Gaging Gas, No Return Blow
2nd Open: Strong, BOB on Open, Gaging Gas, Return Blow Built to 1/4"

Recovered 75 ft. of GOCWM 25%G, 15%O, 10%W, 50%M
Recovered 150 ft. of GOCMW 35%G, 25%O, 30%W, 10%M
Recovered 30 ft. of SOCMW 6%O, 91%W, 3%M
Recovered 255 ft. of Total Fluid

Recovered _____ ft. of <u>CHLORIDES: 95000</u>	Price Job
Recovered _____ ft. of <u>PH: 7</u>	Other Charges
Remarks: <u>RW .095 @ 68</u>	Insurance
	Total

Time Set Packer(s) 12:50 PM A.M. P.M. Time Started Off Bottom 3:50 PM A.M. P.M. Maximum Temperature 120

Initial Hydrostatic Pressure..... (A) 1749 P.S.I.
Initial Flow Period..... Minutes 30 (B) 50 P.S.I. to (C) 85 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1124 P.S.I.
Final Flow Period..... Minutes 45 (E) 69 P.S.I. to (F) 110 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1065 P.S.I.
Final Hydrostatic Pressure..... (H) 1742 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.