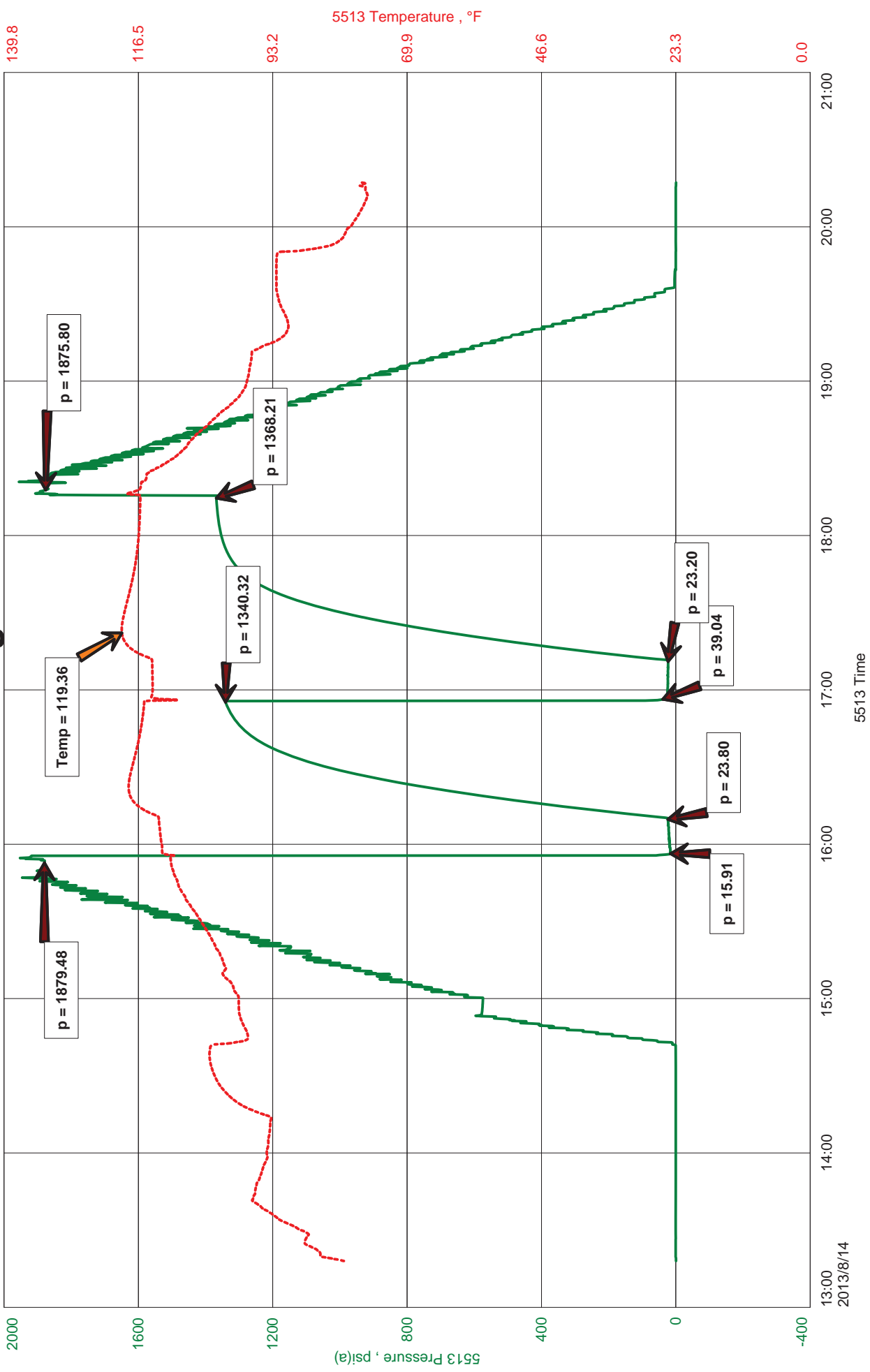


H&D Exploration LLC
DST #3 Mississippi
Start Test Date: 2013/08/14
Final Test Date: 2013/08/14

Bartlett-Zeigler #1
Formation: Mississippi
Pool: Wildcat
Job Number: K018

Bartlett-Zeigler #1





JASON MCLEMORE

CELL # 620-6170527

General Information

Company Name	H&D Exploration LLC	Job Number	K018
Contact	Alan Hoffman	Representative	Jason McLemore
Well Name	Bartlett-Zeigler #1	Well Operator	H&D Exploration LLC
Unique Well ID	DST #3 Mississippi	Prepared By	Jason McLemore
Surface Location	29-25s-12w-Stafford	Qualified By	Josh Austin
Field	Wilcat	Test Unit	#7
Well Type	Vertical		

Test Information

Test Type	Drill Stem Test	Representative	Jason McLemore
Formation	Mississippi	Well Operator	H&D Exploration LLC
Well Fluid Type	01 Oil	Report Date	2013/08/14
Test Purpose (AEUB)	Initial Test	Prepared By	Jason McLemore
Start Test Date	2013/08/14	Start Test Time	13:18:00
Final Test Date	2013/08/14	Final Test Time	20:17:00

Test Results

Recovered:

45	Drilling Mud
45	TOTAL FLUID



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: barzeig1dst3

TIME ON: 13:18
TIME OFF: 20:17

Company H&D Exploration, LLC Lease & Well No. Bartlett/Zeigler #1
Contractor Southwind #6 Charge to H&D Exploration, LLC
Elevation 1886 Formation Mississippi Effective Pay _____ Ft. Ticket No. K018
Date 8-14-13 Sec. 29 Twp. 25 S Range 12 W County Stafford State KANSAS
Test Approved By Josh Austin Diamond Representative Jason McLemore

Formation Test No. 3 Interval Tested from 3945 ft. to 4045 ft. Total Depth 4045 ft.
Packer Depth 3940 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3945 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3933 ft. Recorder Number 5513 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3942 ft. Recorder Number 13306 Cap. 4625 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 43 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5000 P.P.M. Drill Pipe Length 3920 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 100 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 62' DP in Anchor Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Strong, BOB in 1 Min. No Return Blow
2nd Open: Strong, BOB on Open, GTS in 5 Min. Too Weak To Gage, No Return Blow

Recovered 45 ft. of Drilling Mud
Recovered 45 ft. of Total Fluid
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
_____	Total

Time Set Packer(s) 3:55 PM A.M. P.M. Time Started Off Bottom 6:10 PM A.M. P.M. Maximum Temperature 119

Initial Hydrostatic Pressure..... (A) 1879 P.S.I.
Initial Flow Period..... Minutes 15 (B) 16 P.S.I. to (C) 24 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1340 P.S.I.
Final Flow Period..... Minutes 15 (E) 39 P.S.I. to (F) 23 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1368 P.S.I.
Final Hydrostatic Pressure..... (H) 1876 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.