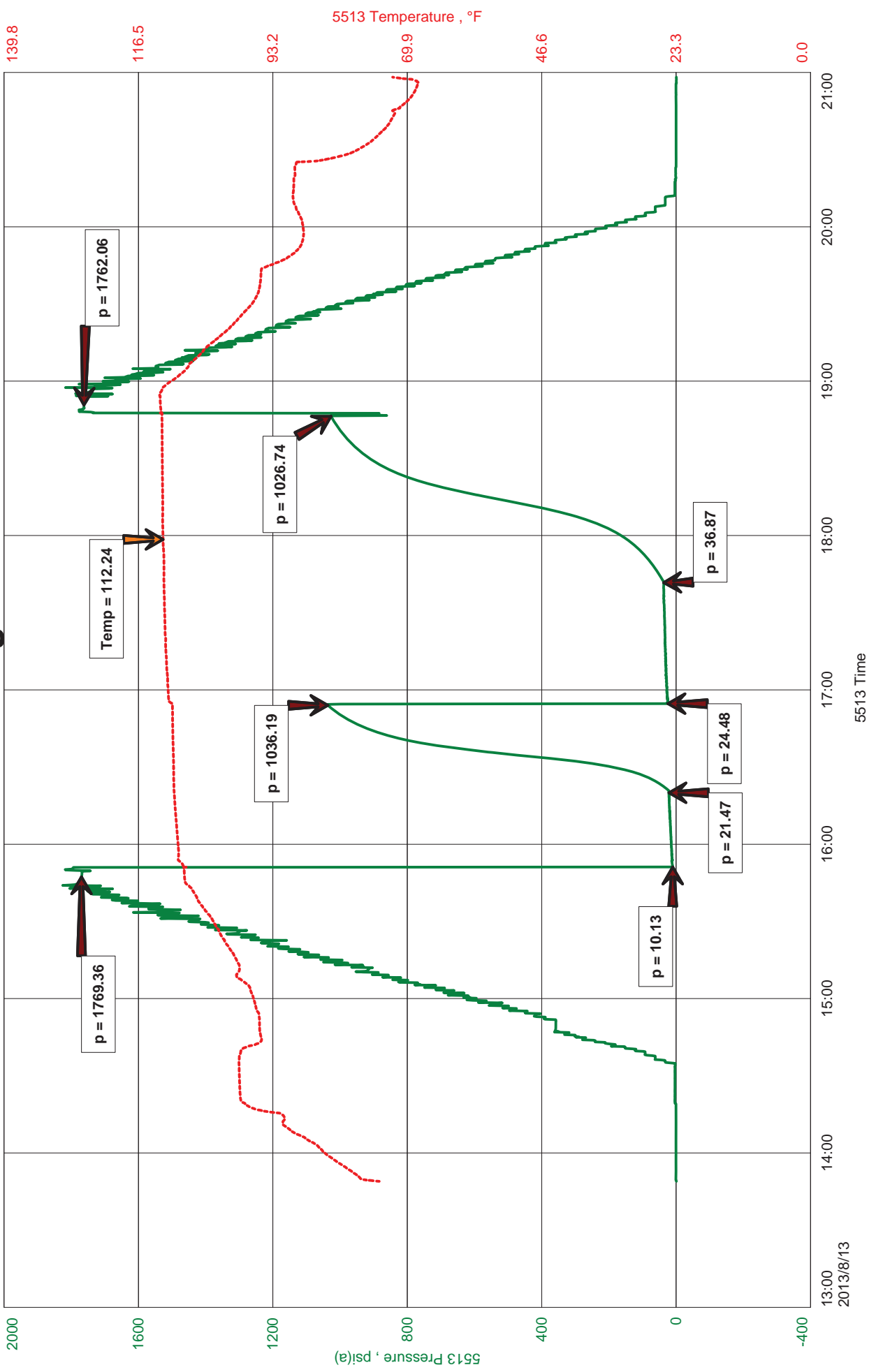


H&D Exploration LLC
DST #2 I-J 3775-3840
Start Test Date: 2013/08/13
Final Test Date: 2013/08/13

Bartlett-Zeigler #1
Formation: Lansing I-J
Pool: Wildcat
Job Number: K017

Bartlett-Zeigler #1





JASON MCLEMORE

CELL # 620-6170527

General Information

Company Name	H&D Exploration LLC	Job Number	K017
Contact	Alan Hoffman	Representative	Jason McLemore
Well Name	Bartlett-Zeigler #1	Well Operator	H&D Exploration LLC
Unique Well ID	DST #2 I-J 3775-3840	Prepared By	Jason McLemore
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 I-J	Well Operator	H&D Exploration LLC
Well Fluid Type	01 Oil	Report Date	2013/08/13
Test Purpose (AEUB)	Initial Test	Prepared By	Jason McLemore

Start Test Date	2013/08/13	Start Test Time	13:49:00
Final Test Date	2013/08/13	Final Test Time	21:00:00

Test Results

Recovered
65' VSOCM-1%O, 99%M
65' Total Fluid

300' Gas In Pipe

Tool Sample:
5%O95%M



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: barzeig1dst2

TIME ON: 13:49:00
TIME OFF: 21:00:00

Company H&D Exploration, LLC Lease & Well No. Bartlett/Zeigler #1
Contractor Southwind #6 Charge to H&D Exploration, LLC
Elevation 1886 Formation _____ I-J Effective Pay _____ Ft. Ticket No. K017
Date 8-13-13 Sec. 29 Twp. _____ 25 S Range _____ 12 W County _____ Stafford State KANSAS
Test Approved By Josh Austin Diamond Representative Jason McLemore

Formation Test No. 2 Interval Tested from 3775 ft. to 3840 ft. Total Depth 3840 ft.
Packer Depth 3770 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3775 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3763 ft. Recorder Number 5513 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3772 ft. Recorder Number 13306 Cap. 4625 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 44 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 9.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5000 P.P.M. Drill Pipe Length 3750 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 65 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 31' DP in Anchor Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Fair Blow, Built to 7". No Return Blow

2nd Open: Good Blow, BOB in 28 Min. No Return Blow

Recovered <u>65</u> ft. of <u>VSOCM, 1%O, 99%M</u>	
Recovered <u>65</u> ft. of <u>Total Fluid</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
	Total

Time Set Packer(s) 3:49 PM A.M. P.M. Time Started Off Bottom 6:34 PM A.M. P.M. Maximum Temperature 112

Initial Hydrostatic Pressure..... (A) 1769 P.S.I.
Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 21 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 1036 P.S.I.
Final Flow Period..... Minutes 45 (E) 24 P.S.I. to (F) 37 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1027 P.S.I.
Final Hydrostatic Pressure..... (H) 1762 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.