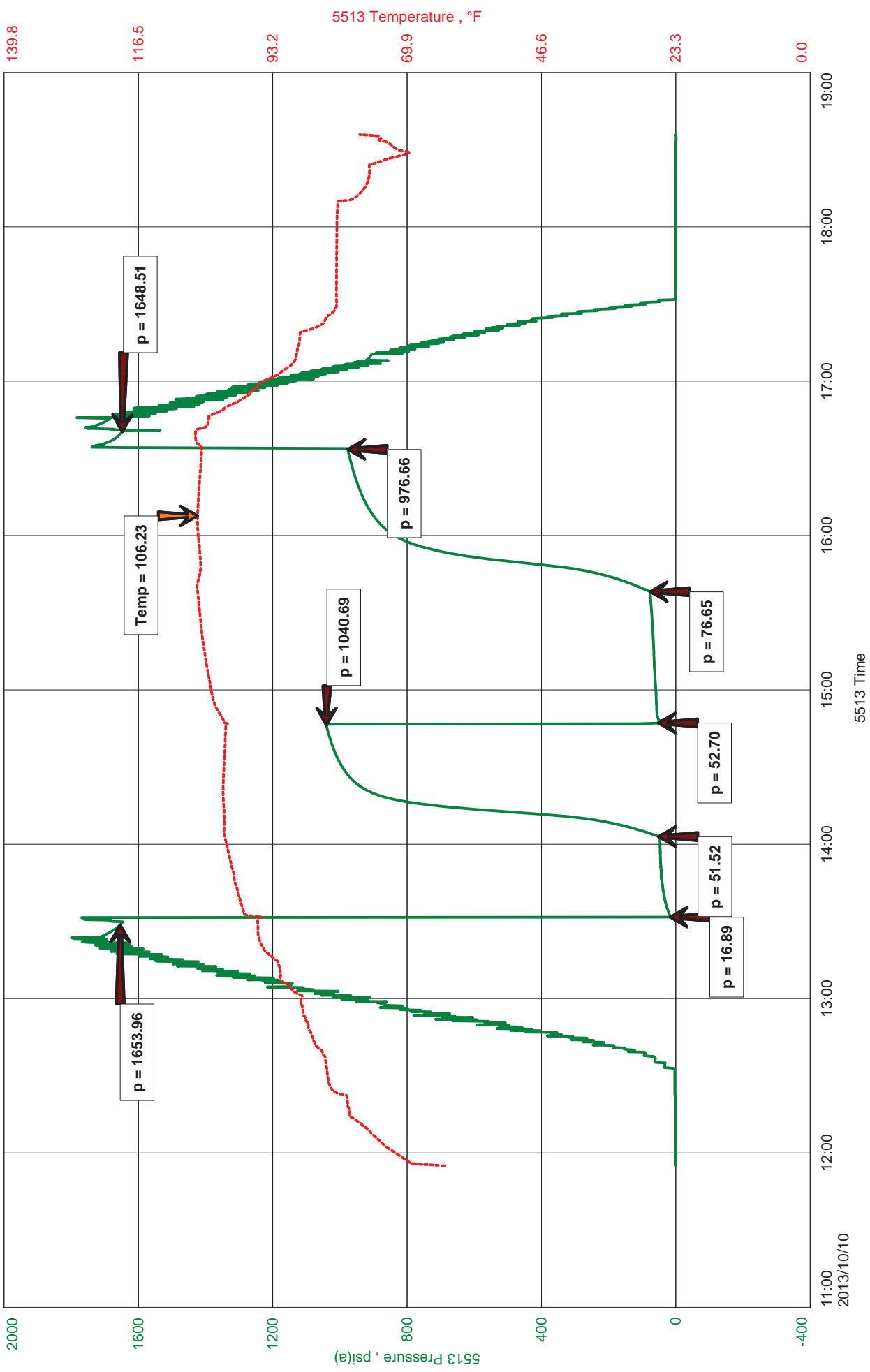


L D Drilling, Inc
DST #3 LKC J-K 3420-3495
Start Test Date: 2013/10/10
Final Test Date: 2013/10/10

Sheila #1-23
Formation: LKC J-K
Pool: wildcat
Job Number: K043

Sheila #1-23





JASON MCLEMORE

CELL # 620-6170527

General Information

Company Name	L D Drilling, Inc	L D Davis	Job Number	K043
Contact		Sheila #1-23	Representative	Jason McLemore
Well Name		DST #3 LKC J-K 3420-3495	Well Operator	L D Drilling, Inc.
Unique Well ID		23-20s-14w-Barton	Prepared By	Jason McLemore
Surface Location		Liberty	Qualified By	Kim Shoemaker
Field		Vertical	Test Unit	#7
Well Type				

Test Information

Test Type	Drill Stem Test	Representative	Jason McLemore
Formation	LKC J-K	Well Operator	L D Drilling, Inc.
Well Fluid Type	01 Oil	Report Date	2013/10/10
Test Purpose (AEUB)	Initial Test	Prepared By	Jason McLemore
Start Test Date	2013/10/10	Start Test Time	11:12:00
Final Test Date	2013/10/10	Final Test Time	17:53:00

Test Results

RECOVERED:

180 Gassy Oil, 30%G, 70%O
15 Frothy Muddy Oil, 30%G, 50%O, 20%M
195 Total Fluid

1605' Gas In Pipe

Oil Gravity: 28



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: sheila1dst3

TIME ON: 11:12 AM
TIME OFF: 17:53 PM

Company L D Drilling Inc Lease & Well No. Sheila #1-23
Contractor Petromark #2 Charge to L D Drilling Inc
Elevation KB 1886 Formation LKC J-K Effective Pay _____ Ft. Ticket No. K043
Date 10-10-13 Sec. 23 Twp. _____ 20s S Range 14w-Barton W County Barton State KANSAS
Test Approved By Kim Shoemaker Diamond Representative Jason McLemore

Formation Test No. 3 Interval Tested from 3420 ft. to 3495 ft. Total Depth 3495 ft.
Packer Depth 3415 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3420 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3405 ft. Recorder Number 5513 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3492 ft. Recorder Number 13338 Cap. 4950 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 58 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 7000 P.P.M. Drill Pipe Length 3272 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number S Test Tool Length 28 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out No Anchor Length 75 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 63' DP in Anchor Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Good Blow, BOB in 7 Min., Blowback Built to 3"
2nd Open: Strong Blow, BOB in 20 Seconds, Blowback Built to 8"

Recovered 180 ft. of Gassy Oil, 30%G, 70%O
Recovered 15 ft. of Frothy Muddy Oil 30%G, 50%O, 20%M
Recovered 195 ft. of Total Fluid

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of <u>1605' Gas In Pipe</u>	Other Charges
Recovered _____ ft. of <u>Gravity: 28</u>	Insurance
Remarks: <u>Tool Sample: Oil</u>	Total

Time Set Packer(s) 12:49 PM A.M. P.M. Time Started Off Bottom 15:49 PM A.M. P.M. Maximum Temperature 106

Initial Hydrostatic Pressure..... (A) 1654 P.S.I.
Initial Flow Period..... Minutes 30 (B) 17 P.S.I. to (C) 52 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1041 P.S.I.
Final Flow Period..... Minutes 45 (E) 53 P.S.I. to (F) 77 P.S.I.
Final Closed In Period..... Minutes 60 (G) 977 P.S.I.
Final Hydrostatic Pressure..... (H) 1649 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.