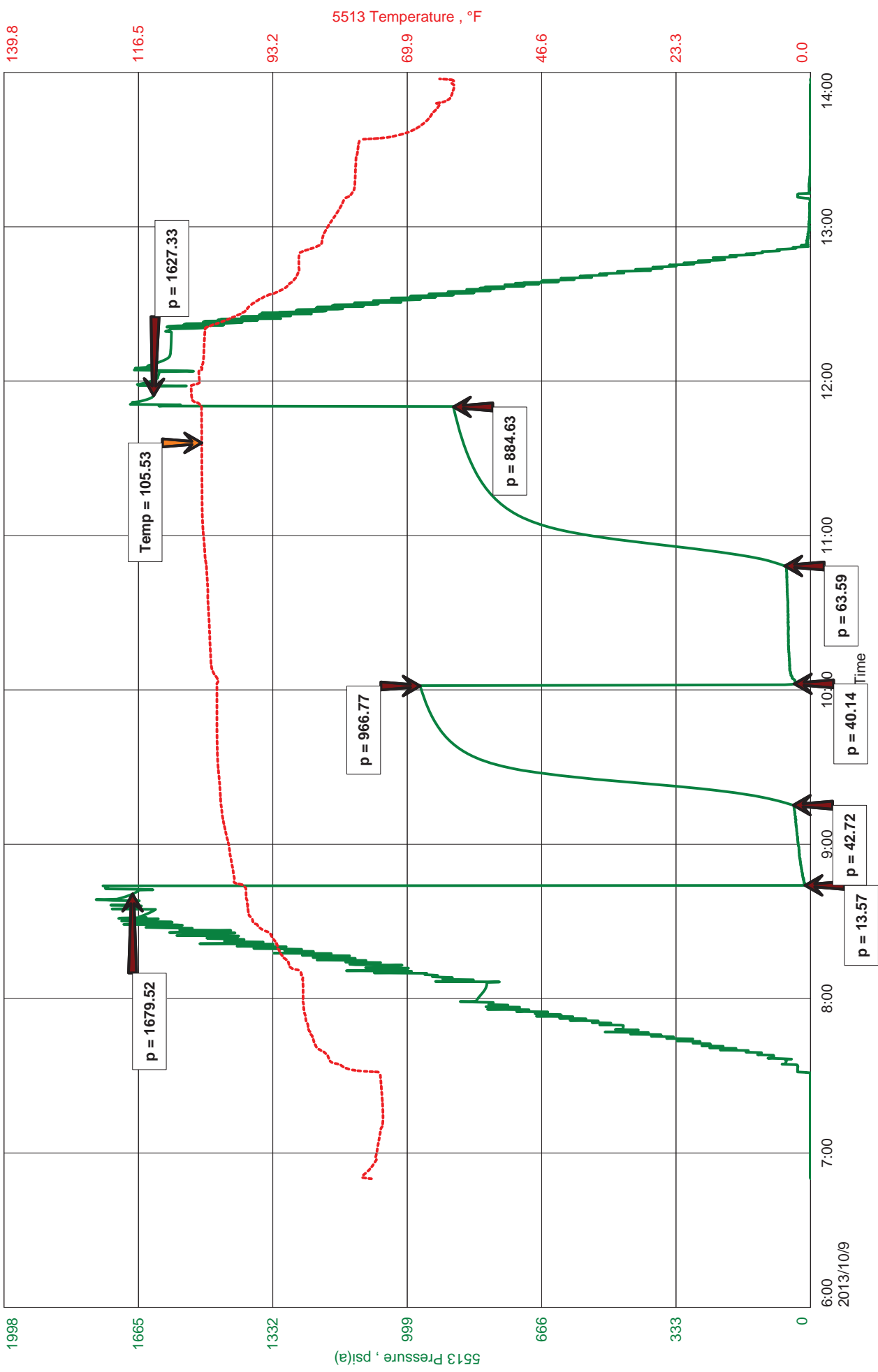


L D Drilling, Inc
DST #2 LKC H-I 3390-3425
Start Test Date: 2013/10/09
Final Test Date: 2013/10/10

Sheila #1-23
Formation: LKC H-I
Pool: Wildcat
Job Number: K042

Sheila #1-23





JASON MCLEMORE

CELL # 620-6170527

General Information

Company Name	L D Drilling, Inc	Job Number	K042
Contact		Representative	Jason McLemore
Well Name	Sheila #1-23	Well Operator	L D Drilling, Inc
Unique Well ID	DST #2 LKC H-I 3390-3425	Prepared By	Jason McLemore
Surface Location	23-20s-14w-Barton	Qualified By	Kim Shoemaker
Field	Liberty	Test Unit	#7
Well Type	Vertical		

Test Information

Test Type	Drill Stem Test	Representative	Jason McLemore
Formation	LKC H-I	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	2013/10/09	Start Test Time	18:50:00
Final Test Date	2013/10/10	Final Test Time	01:58:00

Test Results

RECOVERED:

100 OCM, 4%O, 96%M
35 Frothy Muddy Oil, 20%G, 40%O, 40%M
135 Total Fluid

1245' Gas In Pipe

Tool Sample: Muddy Oil, 75%O, 25% M



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: sheila1dst2

TIME ON: 6:50 PM
TIME OFF: 1:58 AM

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 H-I Effective Pay _____ Ft. Ticket No. K042
Date 10-09-13 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. 2 Interval Tested from 3390 ft. to 3425 ft. Total Depth 3425 ft.
Packer Depth 3385 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3390 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3375 ft. Recorder Number 5513 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3422 ft. Recorder Number 13338 Cap. 4950 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 59 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5000 P.P.M. Drill Pipe Length 3242 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 35 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: Good Blow, BOB in 7 Min., No Blowback
2nd Open: Good Blow, BOB in 3 Min., No Blowback

Recovered 100 ft. of OCM 4%M, 96%O
Recovered 35 ft. of Frothy Muddy Oil 20%G, 40%O, 40%M
Recovered 135 ft. of Total Fluid

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of <u>1245' Gas In Pipe</u>	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: <u>Tool Sample: Muddy Oil, 75%O, 25%M</u>	Total

Time Set Packer(s) 8:45 PM A.M. P.M. Time Started Off Bottom 11:45 PM A.M. P.M. Maximum Temperature 106

Initial Hydrostatic Pressure..... (A) 1679 P.S.I.
Initial Flow Period..... Minutes 30 (B) 14 P.S.I. to (C) 43 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 967 P.S.I.
Final Flow Period..... Minutes 45 (E) 40 P.S.I. to (F) 64 P.S.I.
Final Closed In Period..... Minutes 60 (G) 885 P.S.I.
Final Hydrostatic Pressure..... (H) 1627 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.