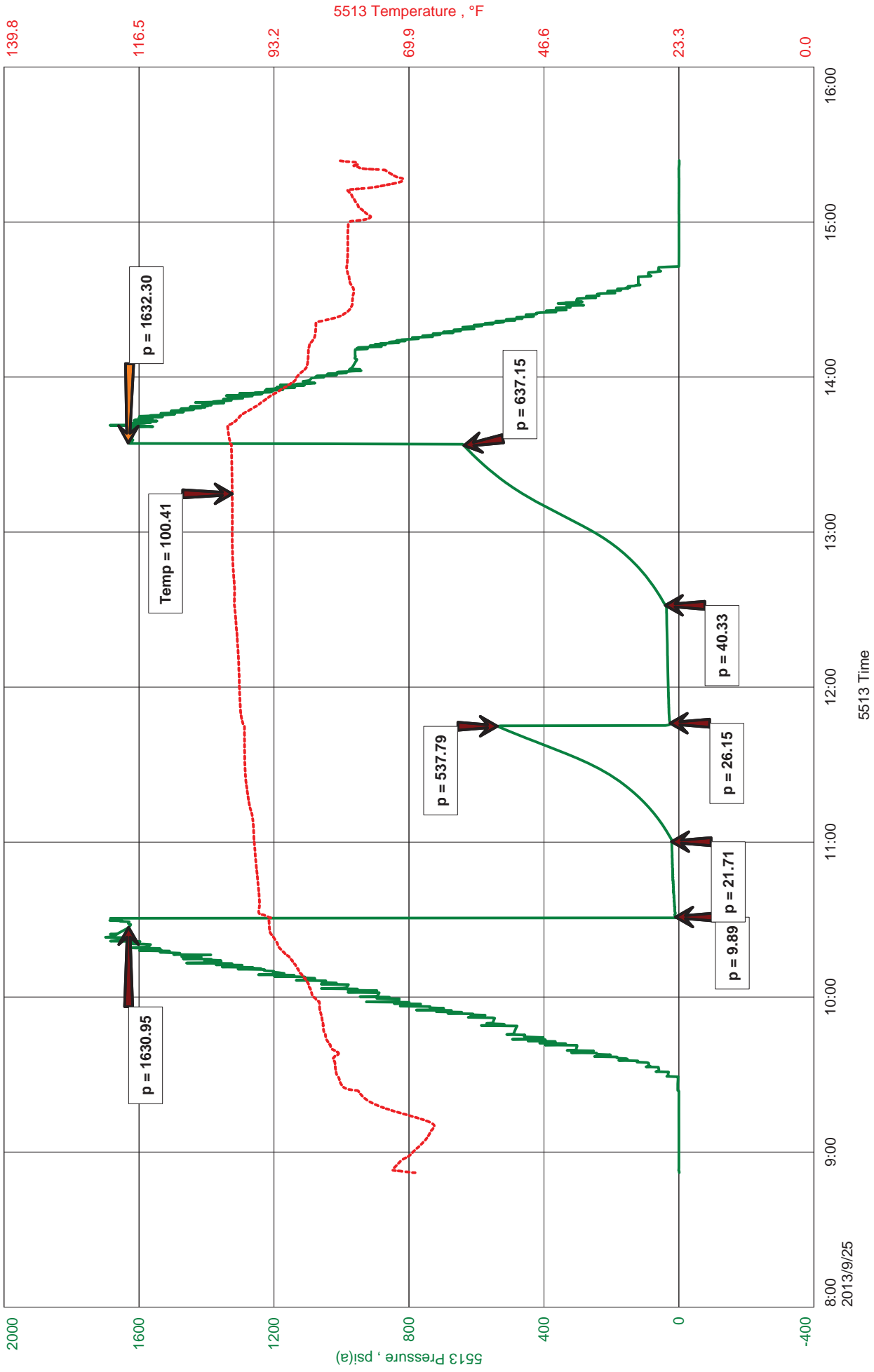


L D Drilling Inc
DST #5 LKC J-K 3419-3455
Start Test Date: 2013/09/25
Final Test Date: 2013/09/25

Frank #2
Formation: LKC J-K
Pool: Wildcat
Job Number: K038

Frank #2





JASON MCLEMORE

CELL # 620-6170527

General Information

Company Name	L D Drilling Inc	L D Davis	Job Number	K038
Contact		Frank #2	Representative	Jason McLemore
Well Name		DST #5 LKC J-K 3419-3455	Well Operator	L D Drilling Inc
Unique Well ID		23-20s-14w-Barton	Prepared By	Jason McLemore
Surface Location		Maybach West	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	2013/09/25
Test Purpose (AEUB)	Initial Test	Prepared By	Jason McLemore
Start Test Date	2013/09/25	Start Test Time	08:52:00
Final Test Date	2013/09/25	Final Test Time	15:24:00

Test Results

RCOVERED:

62 Mud Cut Oil 55%O, 45%M
62 Total Fluid

Tool Sample: 50%O, 50%M

180' Gas In Pipe



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: frank2dst5

TIME ON: 8:52 AM
TIME OFF: 15:24

Company L D Drilling, Inc Lease & Well No. Frank #2
Contractor Petromark #2 Charge to L D Drilling, Inc
Elevation Kb 1899 Formation LKC-JK Effective Pay _____ Ft. Ticket No. K038
Date 09-25-13 Sec. 23 Twp. 20 S Range 14 W County Barton State KANSAS
Test Approved By Kim Shoemaker Diamond Representative Jason McLemore

Formation Test No. 5 Interval Tested from 3419 ft. to 3455 ft. Total Depth 3455 ft.
Packer Depth 3414 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3419 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3409 ft. Recorder Number 5513 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3452 ft. Recorder Number 13338 Cap. 4950 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 48 Drill Collar Length 117 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5800 P.P.M. Drill Pipe Length 3274 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 36 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: Fair Blow, Built to 11", No Blowback
2nd Open: Good Blow, BOB in 12 Min., No Blowback

Recovered <u>62</u> ft. of <u>Mud Cut Oil, 55%O, 45%M</u>	
Recovered <u>62</u> ft. of <u>Total Fluid</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of <u>180' Gas In Pipe</u>	
Recovered _____ ft. of <u>Tool Sample: 50%O, 50%M</u>	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
	Total

Time Set Packer(s) 10:30 AM A.M. P.M. Time Started Off Bottom 1:30 PM A.M. P.M. Maximum Temperature 100
Initial Hydrostatic Pressure..... (A) 1631 P.S.I.
Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 22 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 538 P.S.I.
Final Flow Period..... Minutes 45 (E) 26 P.S.I. to (F) 40 P.S.I.
Final Closed In Period..... Minutes 60 (G) 637 P.S.I.
Final Hydrostatic Pressure..... (H) 1632 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.