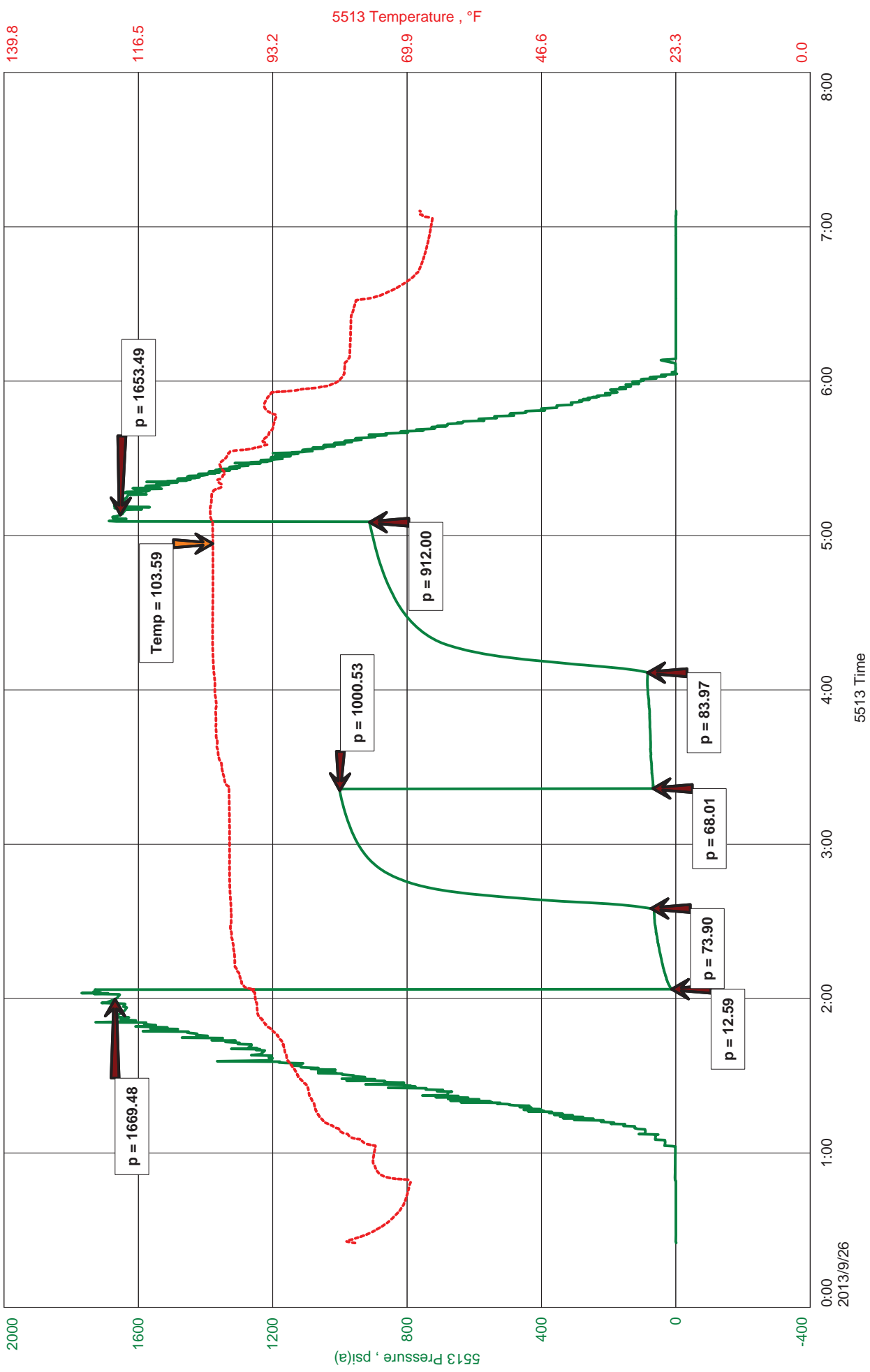


L D Drilling, Inc  
DST #6 Arbuckle 3480-3550  
Start Test Date: 2013/09/26  
Final Test Date: 2013/09/26

Frank #2  
Formation: Arbuckle  
Pool: Wildcat  
Job Number: K039

# Frank #2





**JASON MCLEMORE**

**CELL # 620-6170527**

**General Information**

<b>Company Name</b>	L D Drilling, Inc	<b>L D Davis</b>	<b>Job Number</b>	K039
<b>Contact</b>		<b>Frank #2</b>	<b>Representative</b>	Jason McLemore
<b>Well Name</b>		<b>DST #6 Arbuckle 3480-3550</b>	<b>Well Operator</b>	L D Drilling, Inc
<b>Unique Well ID</b>		<b>23-20s-14w-Barton</b>	<b>Prepared By</b>	Jason McLemore
<b>Surface Location</b>		<b>Maybach West</b>	<b>Qualified By</b>	Kim Shoemaker
<b>Field</b>		<b>Vertical</b>	<b>Test Unit</b>	#7
<b>Well Type</b>				

**Test Information**

<b>Test Type</b>	Drill Stem Test	<b>Representative</b>	Jason McLemore
<b>Formation</b>	Arbuckle	<b>Well Operator</b>	L D Drilling, Inc
<b>Well Fluid Type</b>	01 Oil	<b>Report Date</b>	2013/09/26
<b>Test Purpose (AEUB)</b>	Initial Test	<b>Prepared By</b>	Jason McLemore

<b>Start Test Date</b>	2013/09/26	<b>Start Test Time</b>	00:25:00
<b>Final Test Date</b>	2013/09/26	<b>Final Test Time</b>	07:06:00

**Test Results**

**RECOVERED:**

3 Free Oil  
180 MCO 55%O, 45%M  
183 Total Fluid

**Tool Sample: 60%O, 40%M**  
**Gravity: 38**

**Tool Sample: 60%O, 40%M**



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: frank2dst6

TIME ON: 12:25 AM  
TIME OFF: 7:06 AM

Company L D Drilling, Inc Lease & Well No. Frank #2  
Contractor Petromark #2 Charge to L D Drilling, Inc  
Elevation Kb 1899 Formation \_\_\_\_\_ Arbuckle Effective Pay \_\_\_\_\_ Ft. Ticket No. K039  
Date 09-26-13 Sec. 23 Twp. \_\_\_\_\_ 20 S Range \_\_\_\_\_ 14 W County \_\_\_\_\_ Barton State KANSAS  
Test Approved By Kim Shoemaker Diamond Representative \_\_\_\_\_ Jason McLemore

Formation Test No. 6 Interval Tested from 3480 ft. to 3550 ft. Total Depth 3550 ft.

Packer Depth 3475 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Packer Depth 3480 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3461 ft. Recorder Number \_\_\_\_\_ 5513 Cap. \_\_\_\_\_ 5000 P.S.I.

Bottom Recorder Depth (Outside) 3547 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 3330 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number 7 Test Tool Length 33 ft. Tool Size 3 1/2-IF in

Did Well Flow? NO Reversed Out no Anchor Length 70 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 8", No Blowback

2nd Open: Fair Blow, Built to 10", No Blowback

Recovered 3 ft. of Free Oil

Recovered 180 ft. of Mud Cut Oil 55%O, 45%M

Recovered 183 ft. of Total Fluid

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of Tool Sample: 60%O, 40%M

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Time Set Packer(s) 2:04 AM A.M. P.M. Time Started Off Bottom 5:04 AM A.M. P.M. Maximum Temperature 104

Initial Hydrostatic Pressure..... (A) 1669 P.S.I.

Initial Flow Period..... Minutes 30 (B) 13 P.S.I. to (C) 74 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1001 P.S.I.

Final Flow Period..... Minutes 45 (E) 68 P.S.I. to (F) 84 P.S.I.

Final Closed In Period..... Minutes 60 (G) 912 P.S.I.

Final Hydrostatic Pressure..... (H) 1653 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.