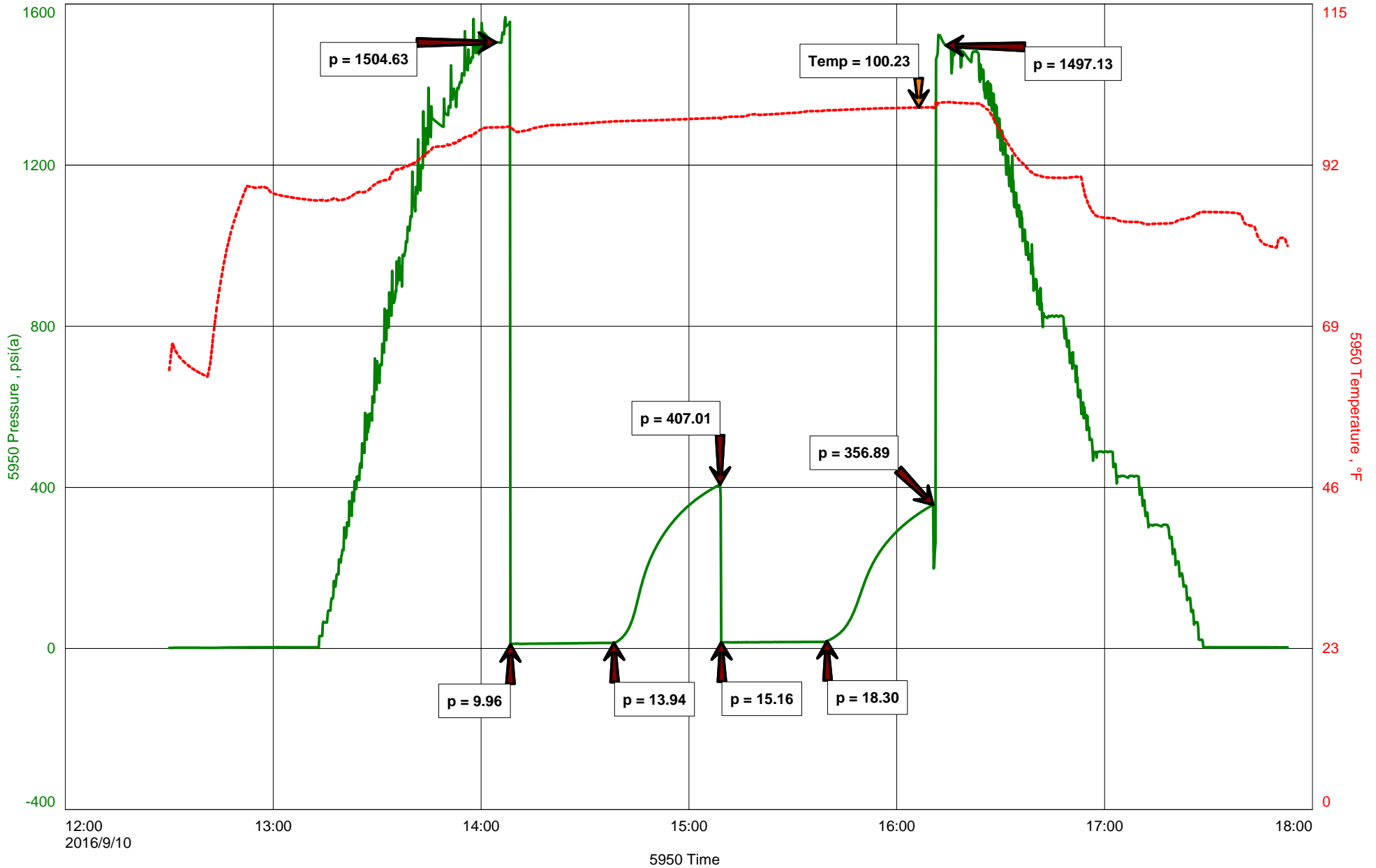


RJM  
Dst #1 Lans "A" 3197-3210'  
Start Test Date: 2016/09/10  
Final Test Date: 2016/09/10

Ervin #1  
Formation: Dst #1 Lans "A" 3197-3210'  
Pool: Infield  
Job Number: P0128

# Ervin #1



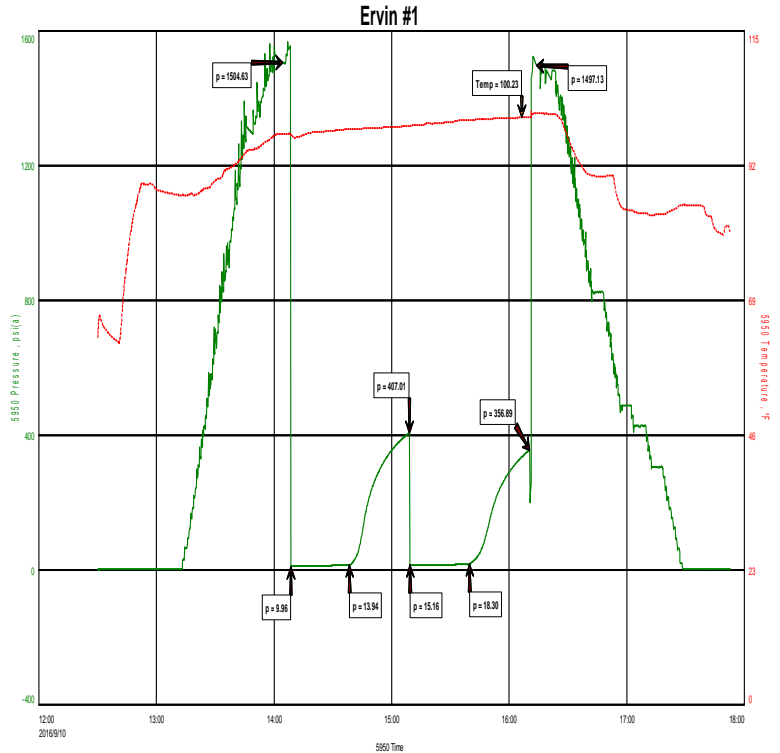


**Hoisington, Kansas**

**Michael Carroll**  
**620-617-0368**  
**carroll.dtlc@gmail.com**

**General Information**

<b>Company Name</b>	RJM
<b>Contact</b>	Chris Hoffman
<b>Well Name</b>	Ervin #1
<b>Unique Well ID</b>	Dst #1 Lans "A" 3197-3210'
<b>Surface Location</b>	Sec 31-17s-14w Barton County
<b>Field</b>	Hlavaty
<b>Well Type</b>	Vertical
<b>Test Type</b>	Drill Stem Test
<b>Well Operator</b>	RJM
<b>Formation</b>	Dst #1 Lans "A" 3197-3210'
<b>Well Fluid Type</b>	01 Oil
<b>Test Purpose</b>	Initial Test
<b>Start Test Date</b>	2016/09/10
<b>Start Test Time</b>	12:30:00
<b>Final Test Time</b>	17:52:00
<b>Job Number</b>	P0128
<b>Report Date</b>	2016/09/10
<b>Prepared By</b>	Michael Carroll



**TEST RECOVERY**

<b>Remarks</b>	<b>Recovery:</b>	<b>10'</b>	<b>SLWCM 2%W</b>	<b>98%M</b>
	<b>Total Fluid:</b>	<b>10'</b>		
	<b>Tool Sample:</b>	<b>3%O</b>	<b>29%W</b>	<b>68%M</b>
	<b>Chlorides</b>	<b>16000PPM</b>		
	<b>RW .5 @ 65 Degrees</b>			
	<b>PH</b>	<b>9</b>		



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: ERVIN#1DST#1

TIME ON: 1230  
TIME OFF: 1752

Company RJM Lease & Well No. ERVIN #1  
Contractor SOUTHWIND DRLG RIG 3 Charge to RJM  
Elevation 1943EST Formation LANS "A" Effective Pay \_\_\_\_\_ Ft. Ticket No. P0128  
Date 9-10-16 Sec. 31 Twp. 17 S Range 14 W County BARTON State KANSAS  
Test Approved By JIM MUSGROVE Diamond Representative Michael Carroll

Formation Test No. 1 Interval Tested from 3197 ft. to 3210 ft. Total Depth 3210 ft.  
Packer Depth 3192 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3197 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 3185 ft. Recorder Number 5950 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 3201 ft. Recorder Number 0230 Cap. 5000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 67 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 8.7 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 3500 P.P.M. Drill Pipe Length 3172 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number NA Test Tool Length 25 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 13 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: WSB-BUILT TO 1/2" IN 30 MINUTES **NOBB**  
2nd Open: NO BLOW-BUILT TO WSB IN 30 MINUTES **NOBB**

Recovered 10 ft. of SLWCM 2%W 98%M CHLORIDES 16000 PPM  
Recovered 10 ft. of TOTAL FLUID RW .5 @ 65 DEGREES  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_ PH 9

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: <u>TOOL SAMPLE: 3%O 29%W 68%M</u>	Total

Time Set Packer(s) 2:05 P.M. A.M. P.M. Time Started Off Bottom 4:05 P.M. A.M. P.M. Maximum Temperature 100

Initial Hydrostatic Pressure..... (A) 1505 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 14 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 407 P.S.I.  
Final Flow Period..... Minutes 30 (E) 15 P.S.I. to (F) 18 P.S.I.  
Final Closed In Period..... Minutes 30 (G) 357 P.S.I.  
Final Hydrostatic Pressure..... (H) 1497 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.