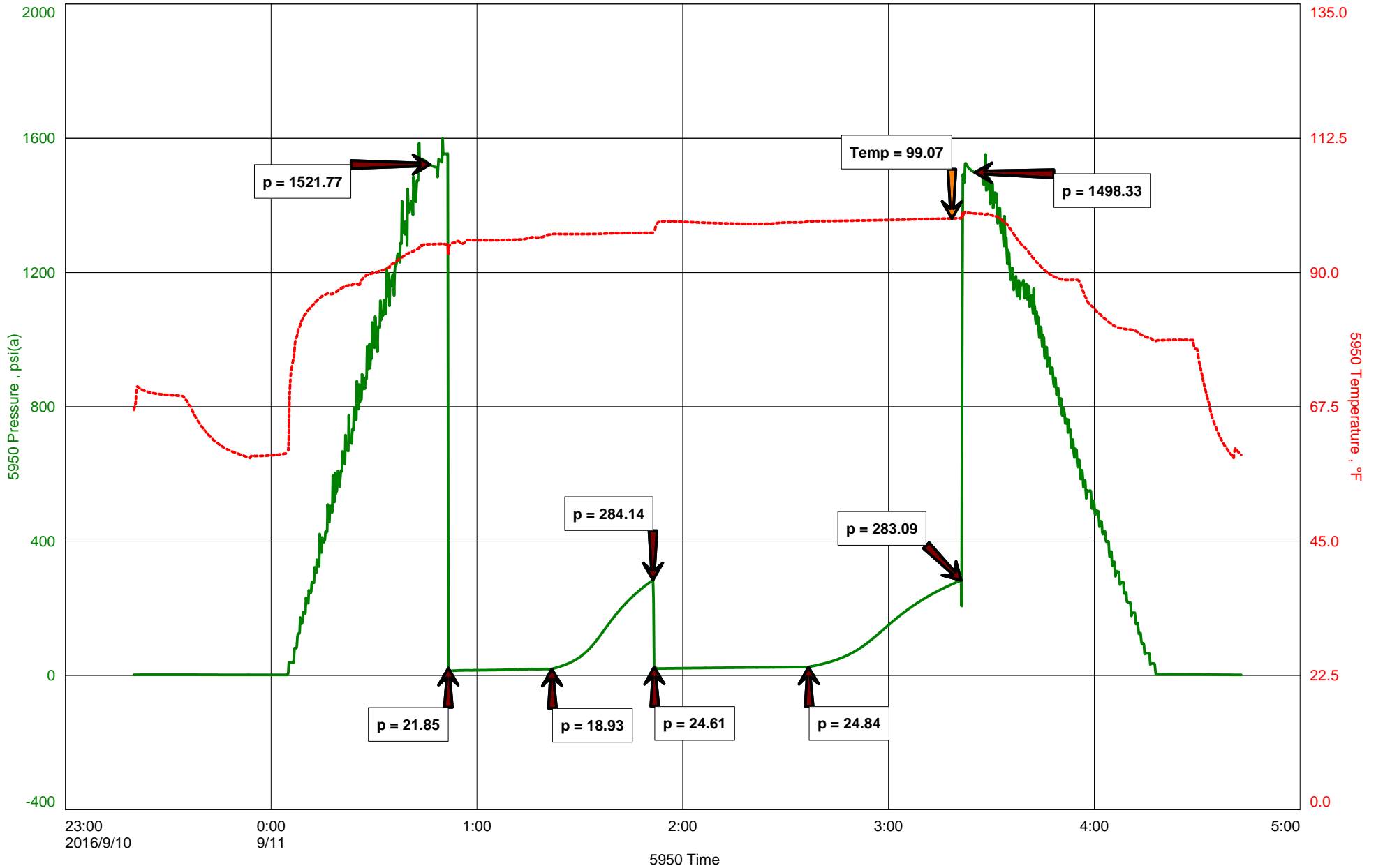


RJM
Dst #2 Lans 'B' 3208-3230'
Start Test Date: 2016/09/10
Final Test Date: 2016/09/11

Ervin #1
Formation: Dst #2 Lans 'B' 3208-3230'
Pool: Infield
Job Number: P0129

Ervin #1



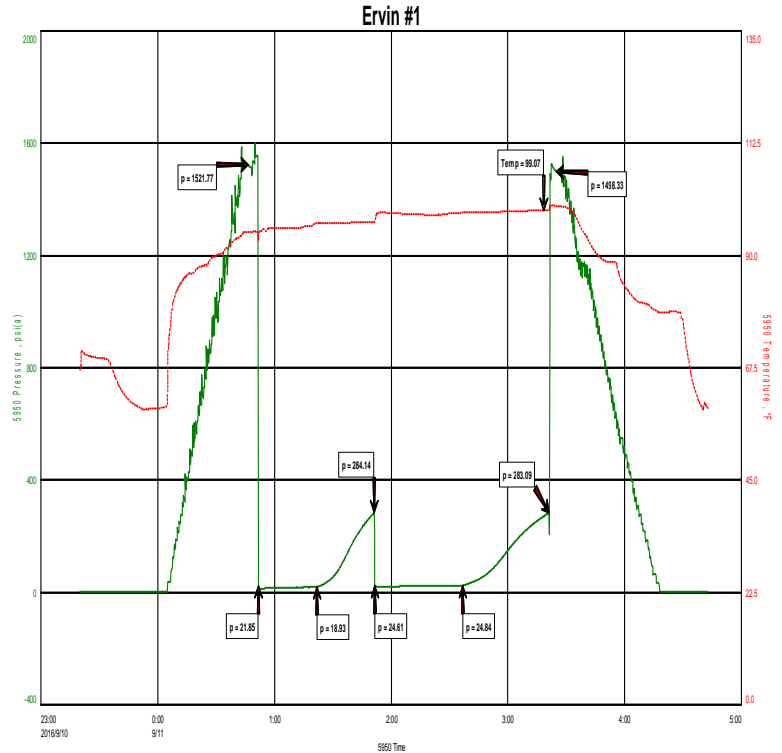


Michael Carroll
 620-617-0368
 carroll.dtlc@gmail.com

Hoisington, Kansas

General Information

Company Name	RJM
Contact	Chris Hoffman
Well Name	Ervin #1
Unique Well ID	Dst #2 Lans 'B' 3208-3230'
Surface Location	Sec 31-17s-14w Barton County
Field	Hlavaty
Well Type	Vertical
Test Type	Drill Stem Test
Well Operator	RJM
Formation	Dst #2 Lans 'B' 3208-3230'
Well Fluid Type	06 Water
Test Purpose	Initial Test
Start Test Date	2016/09/10
Start Test Time	23:20:00
Final Test Time	04:45:00
Job Number	P0129
Report Date	2016/09/11
Prepared By	Michael Carroll



TEST RECOVERY

Remarks	Recovery:	30'	MW	66%W	34%M
	Total Fluid:	30'			
	Tool Sample:	2%O	65%W	33%M	
	Chlorides	16000 PPM			
	RW	.39 @ 60 Degrees			
	PH	9			



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: ERVIN#1DST#2

TIME ON: 2320 9-10
TIME OFF: 0445 9-11

Company RJM Lease & Well No. ERVIN #1
Contractor SOUTHWIND DRLG RIG 3 Charge to RJM
Elevation 1943EST Formation LANS "B" Effective Pay _____ Ft. Ticket No. P0129
Date 9-11-16 Sec. 31 Twp. _____ 17 S Range _____ 14 W County BARTON State KANSAS
Test Approved By JIM MUSGROVE Diamond Representative Michael Carroll

Formation Test No. 2 Interval Tested from 3208 ft. to 3230 ft. Total Depth 3230 ft.
Packer Depth 3203 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3208 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3196 ft. Recorder Number 5950 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3212 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 3183 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 22 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 1/2" IN 30 MINUTES NOBB
2nd Open: WSB-BUILT TO 3/4" IN 45 MINUTES NOBB

Recovered 30 ft. of MW 66%W 34%M CHLORIDES 16000 PPM
Recovered 30 ft. of TOTAL FLUID RW .39 @ 60 DEGREES
Recovered _____ ft. of _____ PH 9
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOOL SAMPLE: 2%O 65%W 33%M</u>	Insurance
_____	Total

Time Set Packer(s) 12:50 A.M. A.M. P.M. Time Started Off Bottom 3:20 A.M. A.M. P.M. Maximum Temperature 99

Initial Hydrostatic Pressure..... (A) 1522 P.S.I.
Initial Flow Period..... Minutes 30 (B) 22 P.S.I. to (C) 19 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 284 P.S.I.
Final Flow Period..... Minutes 45 (E) 25 P.S.I. to (F) 25 P.S.I.
Final Closed In Period..... Minutes 45 (G) 283 P.S.I.
Final Hydrostatic Pressure..... (H) 1498 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.