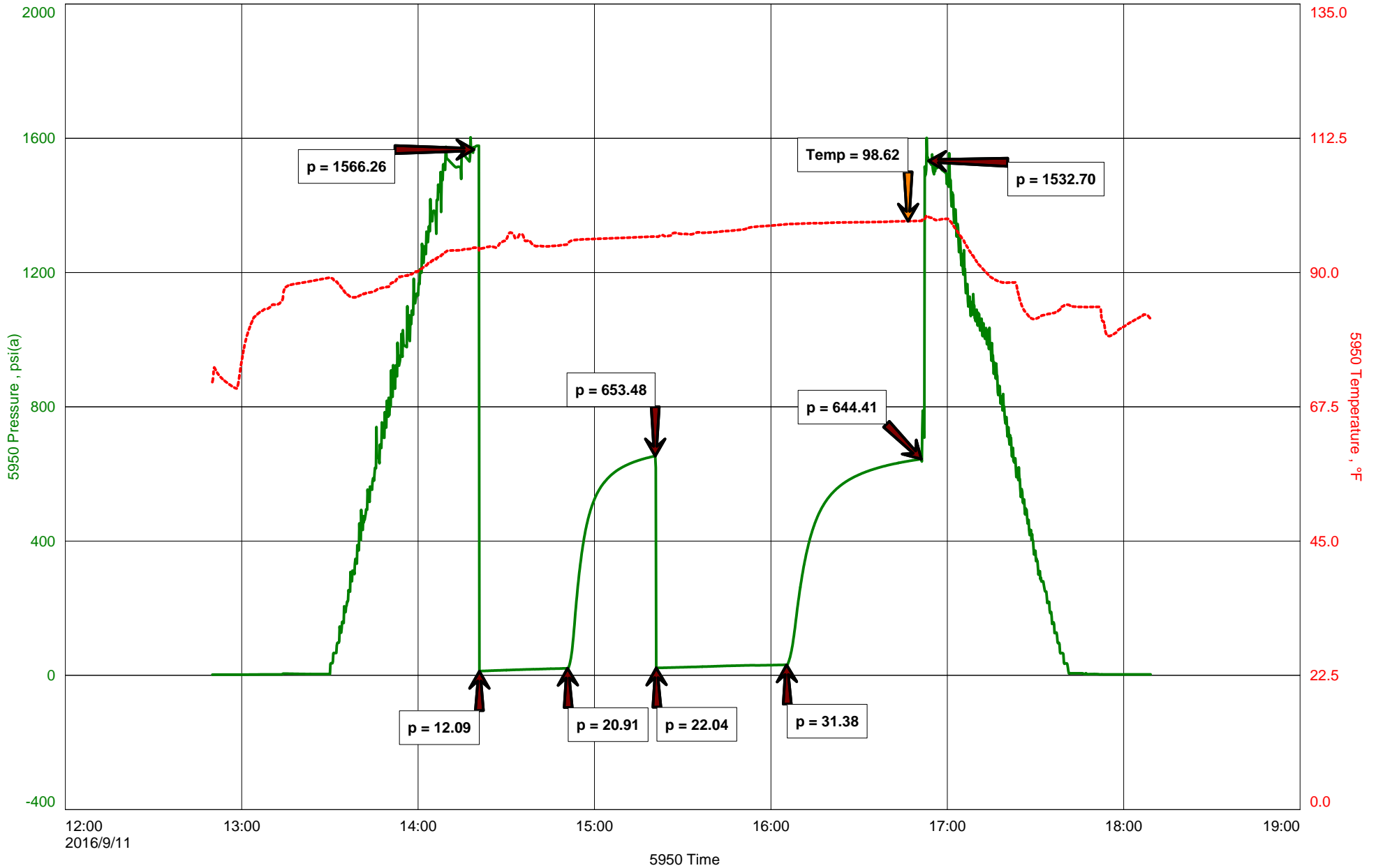


RJM
Dst #3 Lans 'F&G' 3248-3303'
Start Test Date: 2016/09/11
Final Test Date: 2016/09/11

Ervin #1
Formation: Dst #3 Lans 'F&G' 3248-3303'
Pool: Infield
Job Number: P0130

Ervin #1



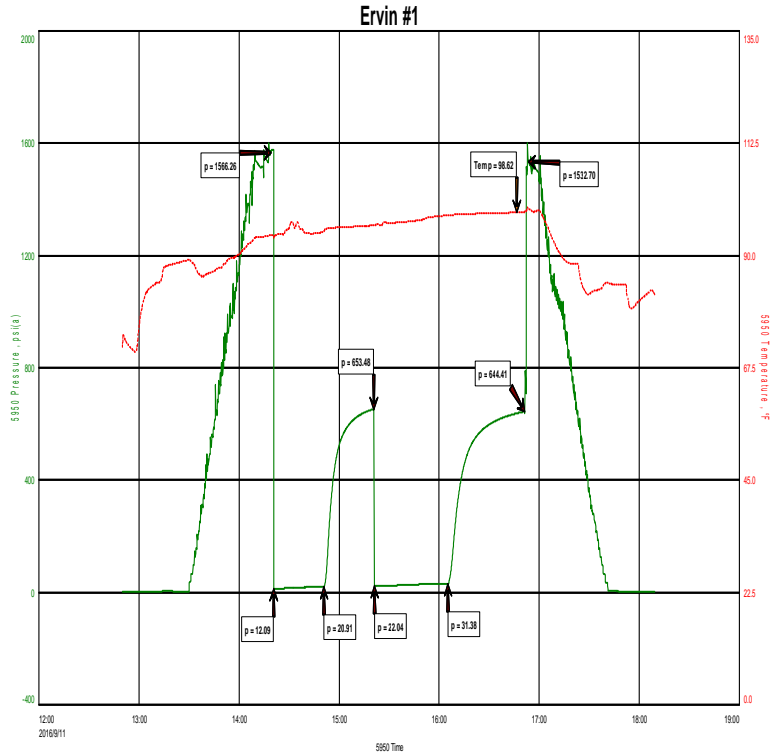


Hoisington, Kansas

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

General Information

Company Name	RJM
Contact	Chris Hoffman
Well Name	Ervin #1
Unique Well ID	Dst #3 Lans 'F&G' 3248-3303'
Surface Location	Sec 31-17s-14w Barton County
Field	Hlavaty
Well Type	Vertical
Test Type	Drill Stem Test
Well Operator	RJM
Formation	Dst #3 Lans 'F&G' 3248-3303'
Well Fluid Type	01 Oil
Test Purpose	Initial Test
Start Test Date	2016/09/11
Start Test Time	12:50:00
Final Test Time	18:08:00
Job Number	P0130
Report Date	2016/09/11
Prepared By	Michael Carroll



TEST RECOVERY

Remarks	Recovery:	45'	Mud	100%M
	Total Fluid:	45'		
	Tool Sample:	100%M	With Oil Specks	



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: ERVIN#1DST#3

TIME ON: 1250
TIME OFF: 1808

Company RJM Lease & Well No. ERVIN #1
Contractor SOUTHWIND DRLG RIG 3 Charge to RJM
Elevation 1943EST Formation _____ Lans/KC F&G Effective Pay _____ Ft. Ticket No. P0130
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. 3 Interval Tested from 3248 ft. to 3303 ft. Total Depth 3303 ft.

Packer Depth 3243 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 3248 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3236 ft. Recorder Number 5950 Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 3285 ft. Recorder Number 0230 Cap. 5000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 55 Drill Collar Length 0 ft. I.D. 2 1/4 in.

Weight 9.1 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 4500 P.P.M. Drill Pipe Length 3225 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 55(23.5A) 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 2" IN 30 MINUTES NOBB

2nd Open: NO BLOW-BUILT TO 2" IN 45 MINUTES NOBB

Recovered 45 ft. of MUD 100%M

Recovered 45 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: TOOL SAMPLE: 100%M WITH OIL SPECKS

Time Set Packer(s) 2:17 P.M. A.M. P.M. Time Started Off Bottom 4:47 P.M. A.M. P.M. Maximum Temperature 99

Initial Hydrostatic Pressure..... (A) 1566 P.S.I.

Initial Flow Period..... Minutes 30 (B) 12 P.S.I. to (C) 21 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 653 P.S.I.

Final Flow Period..... Minutes 45 (E) 22 P.S.I. to (F) 31 P.S.I.

Final Closed In Period..... Minutes 45 (G) 644 P.S.I.

Final Hydrostatic Pressure..... (H) 1533 P.S.I.

Price Job
Other Charges
Insurance
Total

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.