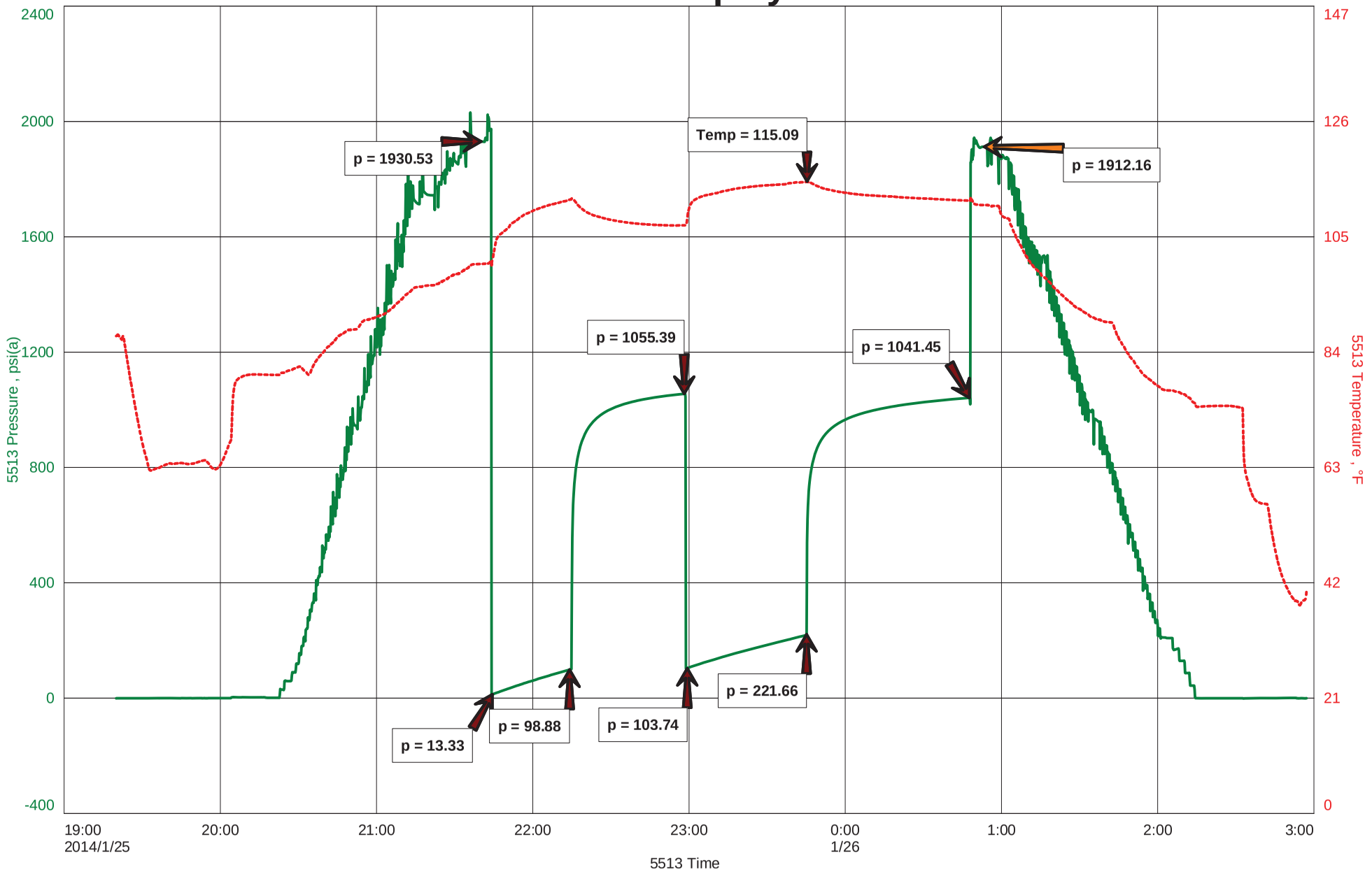
Grand Mesa
DST #1 Lansing E-F 4072-4112
Start Test Date: 2014/01/25
Final Test Date: 2014/01/26

#1-10 Epley
Formation: Lansing E-F
Pool: Wildcat
Job Number: K083

#1-10 Epley



JASON MCLEMORE

CELL # 620-617-0527

General Information

Company Name	Grand Mesa		
Contact	Mike Reilly	Job Number	K083
Well Name	#1-10 Epley	Representative	Jason McLemore
Unique Well ID	DST #1 Lansing E-F 4072-4112	Well Operator	Grand Mesa
Surface Location	10-16s-33w-Scott	Prepared By	Jason McLemore
Field	Wildcat	Qualified By	John Goldsmith
Well Type	Vertical	Test Unit	#7

Test Information

		Representative	Jason McLemore
Test Type	Drill Stem Test	Well Operator	Grand Mesa
Formation	Lansing E-F	Report Date	2014/01/26
Well Fluid Type	01 Oil	Prepared By	Jason McLemore
Test Purpose (AEUB)	Initial Test		

Start Test Date	2014/01/25	Start Test Time	19:20:00
Final Test Date	2014/01/26	Final Test Time	02:58:00

Test Results

RECOVERED:

380	Muddy Water,90% Water, 10% Mud
380	TOTAL FLUID

CHLORIDES: 30000
PH: 7
RW: .320 @ 50

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET

FILE: epley1dst1

TIME ON: 7:20 PM

TIME OFF: 2:58 AM

Company Grand Mesa — Lease & Well No. #1-10 Epley

Contractor Duke #4 — Charge to Grand Mesa

Elevation 3035 KB — Formation E-F — Effective Pay ____ Ft. — Ticket No. K083

Date 1-25-14 — Sec. 10 — Twp. 16 S — Range 33 W — County Scott — State KANSAS

Test Approved By John Goldsmith — Diamond Representative Jason McLemore

Formation Test No. 1 — Interval Tested from 4072 ft. to 4112 ft. — Total Depth 4112 ft.

Packer Depth 4067 ft. — Size 6 3/4 in. — Packer depth ____ ft. — Size 6 3/4 in.

Packer Depth 4072 ft. — Size 6 3/4 in. — Packer depth ____ ft. — Size 6 3/4 in.

Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 4053 ft. — Recorder Number 5513 — Cap. 5000 P.S.I.

Bottom Recorder Depth (Outside) 4054 ft. — Recorder Number 5588 — Cap. 6000 P.S.I.

Below Straddle Recorder Depth ____ ft. — Recorder Number ____ — Cap. ____ P.S.I.

Mud Type Chemical — Viscosity 66 — Drill Collar Length 0 ft. — I.D. 2 1/4 in.

Weight 9.0 — Water Loss 6.4 cc. — Weight Pipe Length 0 ft. — I.D. 2 7/8 in

Chlorides 3400 P.P.M. — Drill Pipe Length 4039 ft. — I.D. 3 1/2 in

Jars: Make STERLING — Serial Number 6 — Test Tool Length 33 ft. — Tool Size 3 1/2-IF in

Did Well Flow? NO — Reversed Out NO — Anchor Length 40 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: Good Blow, BOB in 11 Min., No Blowback

2nd Open: Good Blow, BOB in 13 Min., No Blowback

Recovered 380 ft. of Muddy Water, 90% Water, 10% Mud

Recovered 380 ft. of TOTAL FLUID

Recovered ____ ft. of ____

Recovered ____ ft. of CHLORIDES: 30,000

Recovered ____ ft. of PH: 7

Recovered ____ ft. of RW: .320 @ 50

Remarks: Tool Sample: Salt Water

Price Job	
Other Charges	
Insurance	
Total	

Time Set Packer(s) 9:45 PM A.M. P.M. — Time Started Off Bottom 12:45 AM A.M. P.M. — Maximum Temperature 115

Initial Hydrostatic Pressure ..... (A) 1931 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 13 P.S.I. to (C) 99 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 1055 P.S.I.

Final Flow Period ..... Minutes 45 (E) 104 P.S.I. to (F) 222 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 1041 P.S.I.

Final Hydrostatic Pressure ..... (H) 1912 P.S.I.