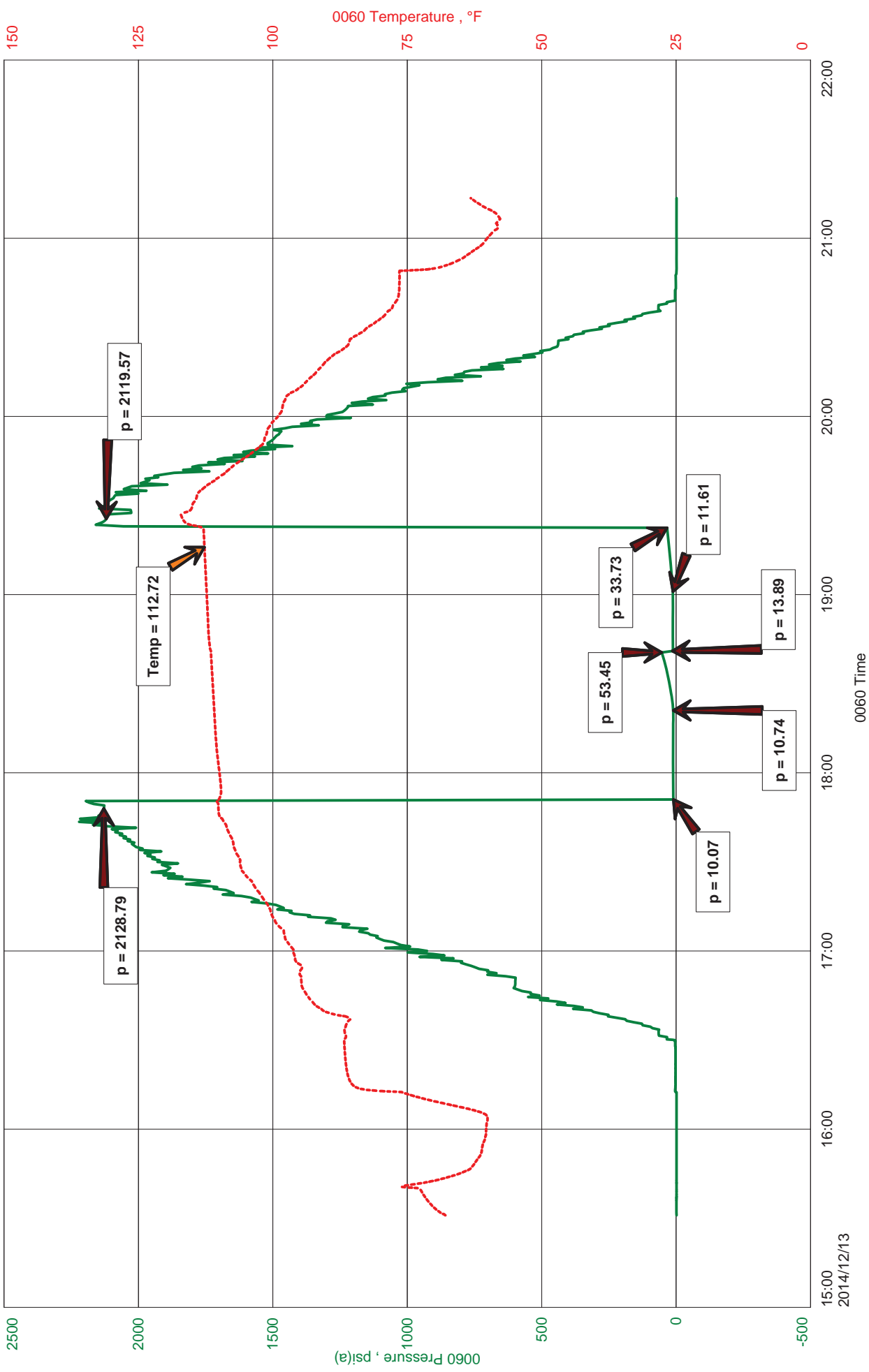


GRAND MESA OPERATING, CO
DST 1 4346-4380 FT SCOTT
Start Test Date: 2014/12/13
Final Test Date: 2014/12/13

STEVE #1-4
Formation: DST 1 4346-4380 FT SCOTT
Pool: WILDCAT
Job Number: JB14

STEVE #1-4





Hoisington, Kansas

JEFF BROWN
620-617-6373
brown.dtlc@gmail.com

General Information

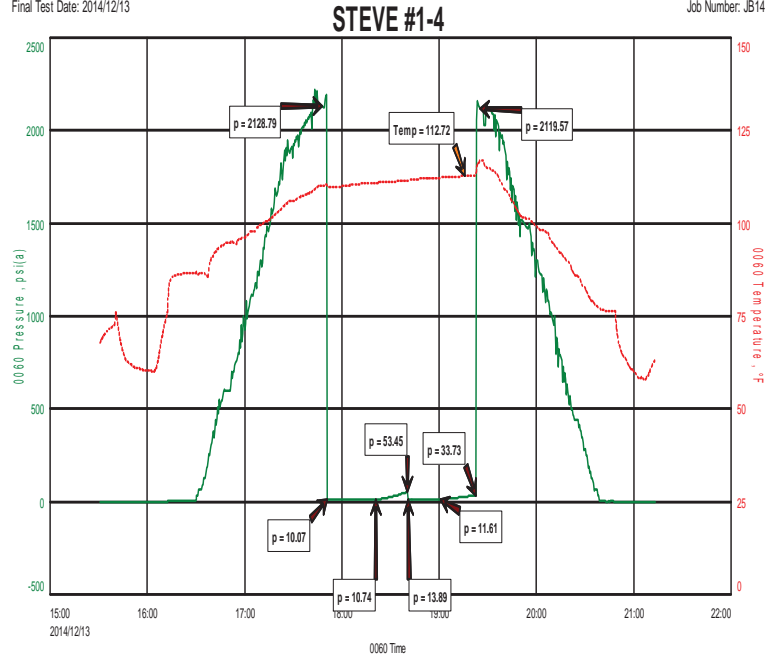
Company Name GRAND MESA OPERATING, CO

Test Information

Contact	MICHAEL J. REILLY
Well Name	STEVE #1-4
Unique Well ID	DST 1 4346-4380 FT SCOTT
Surface Location	SEC- 4-17S-24W NESS, CNTY, KS
Field	WILDCAT
Well Operator	GRAND MESA OPERATING, CO
Test Type	Drill Stem Test
Formation	DST 1 4346-4380 FT SCOTT
Well Fluid Type	01 Oil
Test Purpose (AEUB)	Initial Test
Start Test Date	2014/12/13
Start Test Time	15:31:00
Final Test Date	2014/12/13
Final Test Time	21:15:00
Job Number	JB14
Representative	JEFF BROWN
Prepared By	JEFF BROWN
Report Date	2014/12/13

GRAND MESA OPERATING, CO
 DST 1 4346-4380 FT SCOTT
 Start Test Date: 2014/12/13
 Final Test Date: 2014/12/13

STEVE #1-4
 Formation: DST 1 4346-4380 FT SCOTT
 Pool: WILDCAT
 Job Number: JB14



FLUID RECOVERY

FLUID RECOVERY: 5' VSOCM 3%O 97%M

TOOL SAMPLE; VSOCM 3%O 97%M



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: STEVE #1-4 DST1

TIME ON: 15:31
TIME OFF: 21:15

Company GRAND MESA OPERATING, CO Lease & Well No. STEVE #1-4
Contractor DUKE RIG 4 Charge to GRAND MESA OPERATING, CO
Elevation 2487 KB Formation FT, SCOTT Effective Pay _____ Ft. Ticket No. JB14
Date 12-13-14 Sec. 4 Twp. 17 S Range 24 W County NESS State KANSAS
Test Approved By _____ Diamond Representative JEFF BROWN

Formation Test No. 1 Interval Tested from 4346 ft. to 4380 ft. Total Depth 4380 ft.
Packer Depth 4341 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4346 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4327 ft. Recorder Number 0060 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4346 ft. Recorder Number 5517 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 55 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 8.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3300 P.P.M. Drill Pipe Length 4314 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 11 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 34 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: WEAK SURFACE BLOW DIED OUT IN 25 MIN (NObb)
2nd Open: DEAD NO BLOW (NObb)

Recovered <u>5</u> ft. of <u>VSOCM 3%O 97%M</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOTAL FLUID; 5' OF TOTAL FLUID</u>	Insurance
TOOL SAMPLE: <u>VSOCM 3%O 97%M</u>	Total

Time Set Packer(s) 5:51 P.M. A.M. P.M. Time Started Off Bottom 7:21 P.M. A.M. P.M. Maximum Temperature 113

Initial Hydrostatic Pressure..... (A) 2129 P.S.I.
Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 11 P.S.I.
Initial Closed In Period..... Minutes 20 (D) 53 P.S.I.
Final Flow Period..... Minutes 20 (E) 14 P.S.I. to (F) 12 P.S.I.
Final Closed In Period..... Minutes 20 (G) 34 P.S.I.
Final Hydrostatic Pressure..... (H) 2120 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.