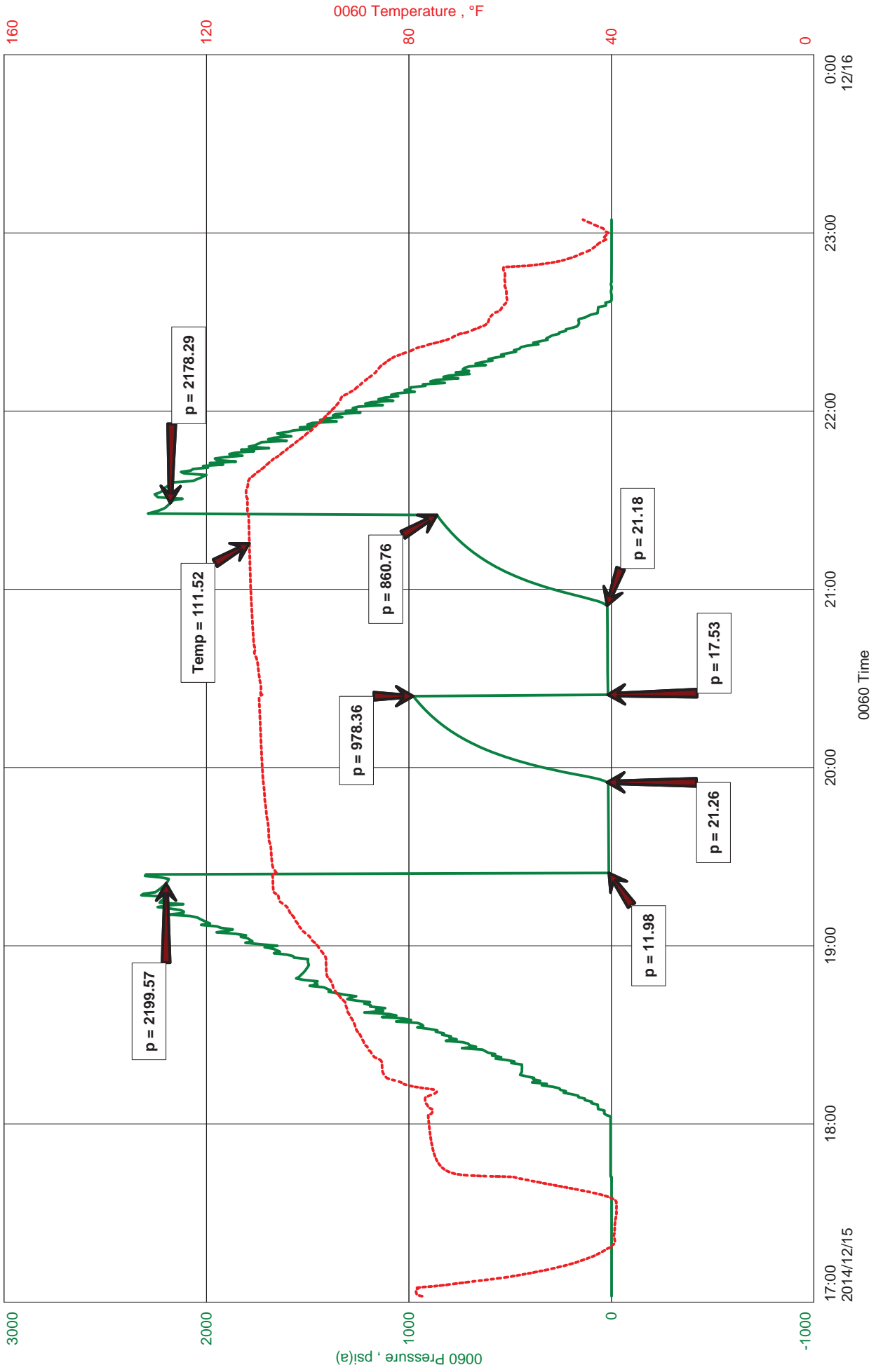


GRAND MESA OPERATING, CO
DST #4 MISSISSIPPIAN 4468 - 4480
Start Test Date: 2014/12/15
Final Test Date: 2014/12/15

STEVE #1-4
Formation: DST #4 MISSISSIPPIAN 4468 - 4480
Pool: WILDCAT
Job Number: JB17

STEVE #1-4





Hoisington, Kansas

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

General Information

Company Name GRAND MESA OPERATING, CO

Test Information

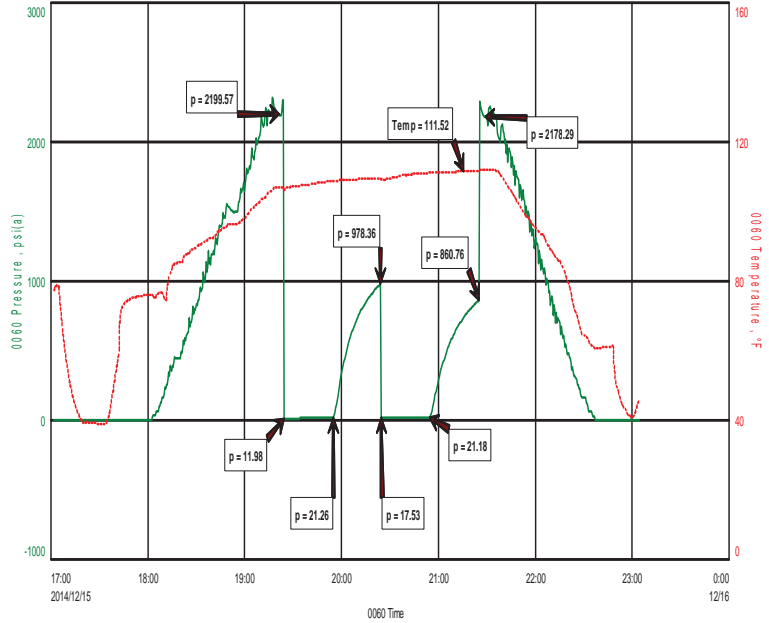
Contact
Well Name
Unique Well ID
Surface Location
Field
Well Operator
Test Type
Formation
Well Fluid Type
Test Purpose (AEUB)
Start Test Date
Start Test Time
Final Test Date
Final Test Time
Job Number
Representative
Prepared By
Report Date

MICHAEL J, REILLY
STEVE #1-4
DST #4 MISSISSIPPIAN 4468 - 4480
SEC- 4-17S-24W NESS, CNTY, KS
WILDCAT
GRAND MESA OPERATING, CO
Drill Stem Test
DST #4 MISSISSIPPIAN 4468 - 4480
01 Oil
Initial Test
2014/12/15
17:02:00
2014/12/15
23:05:00
JB17
JEFF BROWN
JEFF BROWN
2014/12/15

GRAND MESA OPERATING, CO
 DST #4 MISSISSIPPIAN 4468 - 4480
 Start Test Date: 2014/12/15
 Final Test Date: 2014/12/15

STEVE #1-4
 Formation: DST #4 MISSISSIPPIAN 4468 - 4480
 Pool: WILDCAT
 Job Number: JB17

STEVE #1-4



FLUID RECOVERY

RECOVERY: 25' MUD WITH OIL SPOTS

TOOL SAMPLE: MUD WITH OIL SPOTS



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: STEVE #1-4 DST4

TIME ON: 17:02
TIME OFF: 23:05

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 MISSISSIPPIAN Effective Pay _____ Ft. Ticket No. JB17
Date 12-15-14 Sec. 4 Twp. _____ 17 S Range _____ 24 W County NESS State KANSAS
Test Approved By _____ Diamond Representative JEFF BROWN

Formation Test No. 4 Interval Tested from 4468 ft. to 4492 ft. Total Depth 4492 ft.
Packer Depth 4463 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4468 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4449 ft. Recorder Number _____ Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4469 ft. Recorder Number _____ Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 45 Drill Collar Length _____ 0 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 8.8 cc. Weight Pipe Length _____ 0 ft. I.D. 2 7/8 in.
Chlorides 4600 P.P.M. Drill Pipe Length 4436 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 24 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 BUILT TO 3/4 IN (NObb)
2nd Open: DEAD NO BLOW (NObb)

Recovered <u>25</u> ft. of <u>MUD WITH OIL SPOTS</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOTAL FLUID; 25' OF TOTAL FLUID</u>	Insurance
TOOL SAMPLE: <u>MUD WITH OIL SPOTS</u>	Total

Time Set Packer(s) 7:25 P.M A.M. P.M. Time Started Off Bottom 9:25 P.M A.M. P.M. Maximum Temperature 112
Initial Hydrostatic Pressure..... (A) 2200 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) 978 P.S.I.
Final Flow Period..... Minutes 30 (E) 18 P.S.I. to (F) 21 P.S.I.
Final Closed In Period..... Minutes 30 (G) 861 P.S.I.
Final Hydrostatic Pressure..... (H) 2178 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.