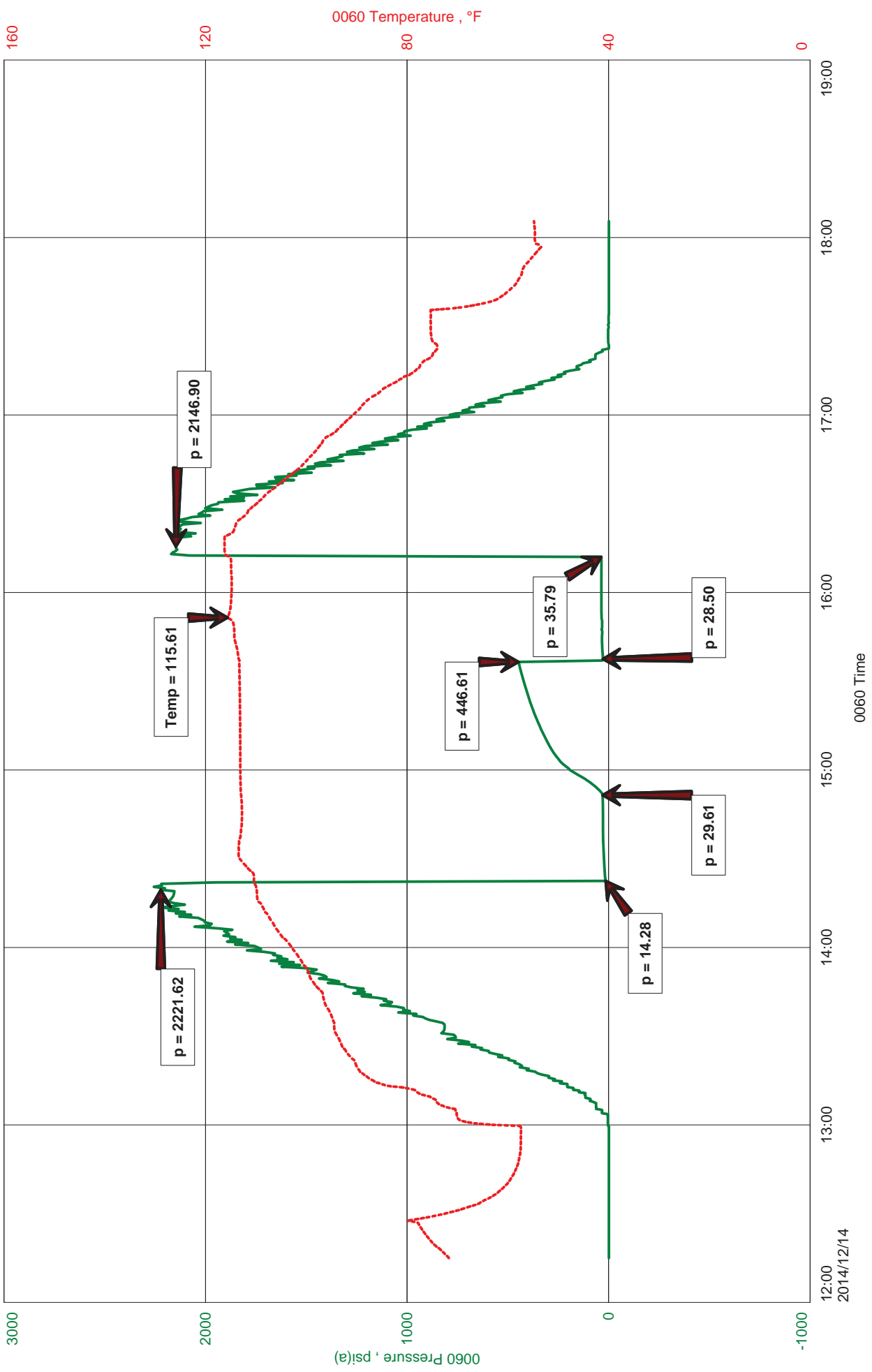


GRAND MESA OPERATING, CO
DST 2 MISSISSIPPIAN 4398 - 4469
Start Test Date: 2014/12/14
Final Test Date: 2014/12/14

STEVE #1-4
Formation: DST 2 MISSISSIPPIAN 4398 - 4469
Pool: WILDCAT
Job Number: JB15

STEVE #1-4





Hoisington, Kansas

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

General Information

Company Name GRAND MESA OPERATING,CO

Test Information

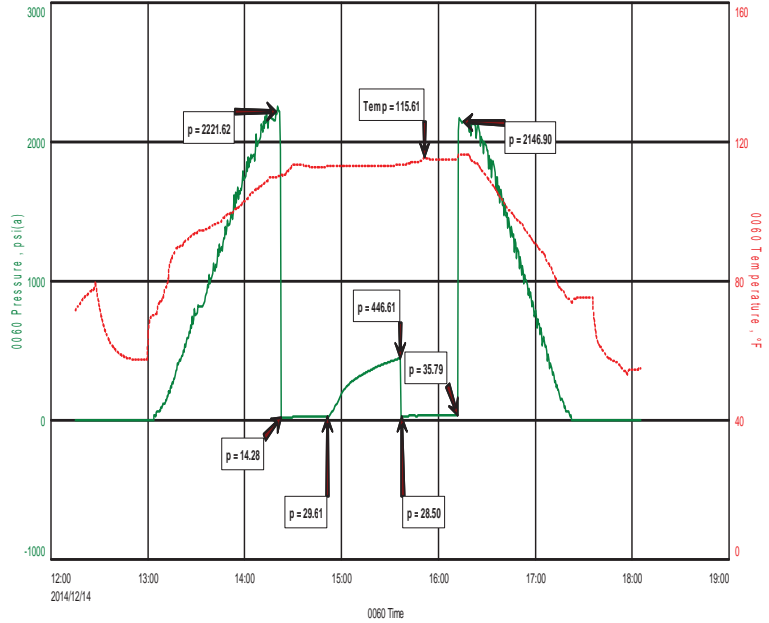
Contact
Well Name
Unique Well ID
Surface Location
Field
Well Operator
Test Type
Formation
Well Fluid Type
Test Purpose (AEUB)
Start Test Date
Start Test Time
Final Test Date
Final Test Time
Job Number
Representative
Prepared By
Report Date

MICHAEL J. REILLY
STEVE #1-4
DST 2 MISSISSIPPIAN 4398 - 4469
SEC- 4 17S-24W NESS, CNTY, KS
WILDCAT
GRAND MESA OPERATING,CO
Drill Stem Test
DST 2 MISSISSIPPIAN 4398 - 4469
01 Oil
Initial Test
2014/12/14
12:15:00
2014/12/14
18:06:00
JB15
JEFF BROWN
JEFF BROWN
2014/12/14

GRAND MESA OPERATING,CO
 DST 2 MISSISSIPPIAN 4398 - 4469
 Start Test Date: 2014/12/14
 Final Test Date: 2014/12/14

STEVE #1-4
 Formation: DST 2 MISSISSIPPIAN 4398 - 4469
 Pool: WILDCAT
 Job Number: JB15

STEVE #1-4



FLUID RECOVERY

RECOVERY; 50' OCM 20%O 80%M

TOOL SAMPLE; OCM 20%O 80%M



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: STEVE #1-4 DST2

TIME ON: 12:15
TIME OFF: 18:06

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. JB15
Date 12-14-14 Sec. 4 Twp. _____ 17 S Range _____ 24 W County NESS State KANSAS
Test Approved By _____ Diamond Representative JEFF BROWN

Formation Test No. 2 Interval Tested from 4398 ft. to 4469 ft. Total Depth 4469 ft.
Packer Depth 4393 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4398 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4379 ft. Recorder Number 0060 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4336 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 _____ ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 8.4 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 3300 P.P.M. Drill Pipe Length 4366 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 71 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 BLOW BUILT TO 3-1/4 IN (NObb)
2nd Open: DEAD FLUSHED TOOL SURGED THEN DIED

Recovered <u>50</u> ft. of <u>OCM 20%O 80%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; 50' OF TOTAL FLUID</u>	Insurance
TOOL SAMPLE: <u>OCM 20%O 80%M</u>	Total

Time Set Packer(s) 2:22 P.M. A.M. P.M. Time Started Off Bottom 4:12 P.M. A.M. P.M. Maximum Temperature 116

Initial Hydrostatic Pressure..... (A) 2222 P.S.I.
Initial Flow Period..... Minutes 30 (B) 14 P.S.I. to (C) 30 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 447 P.S.I.
Final Flow Period..... Minutes 35 (E) 29 P.S.I. to (F) 36 P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) 2147 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.