

DIAMOND TESTING

General Information Report

General Information

Company Name NEW GULF OPERATING, LLC
Contact JIM HENKLE
Well Name HOCKERSMITH #1-34
Unique Well ID DST #2, LKC "I", 4234-4261
Surface Location SEC 34-11S-32W, LOGAN CO. KS.
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #2, LKC "I", 4234-4261
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator NEW GULF OPERATING, LLC
Report Date 2013/11/22
Prepared By TIM VENTERS
Qualified By STEVE MURPHY

Start Test Date 2013/11/22
Final Test Date 2013/11/22

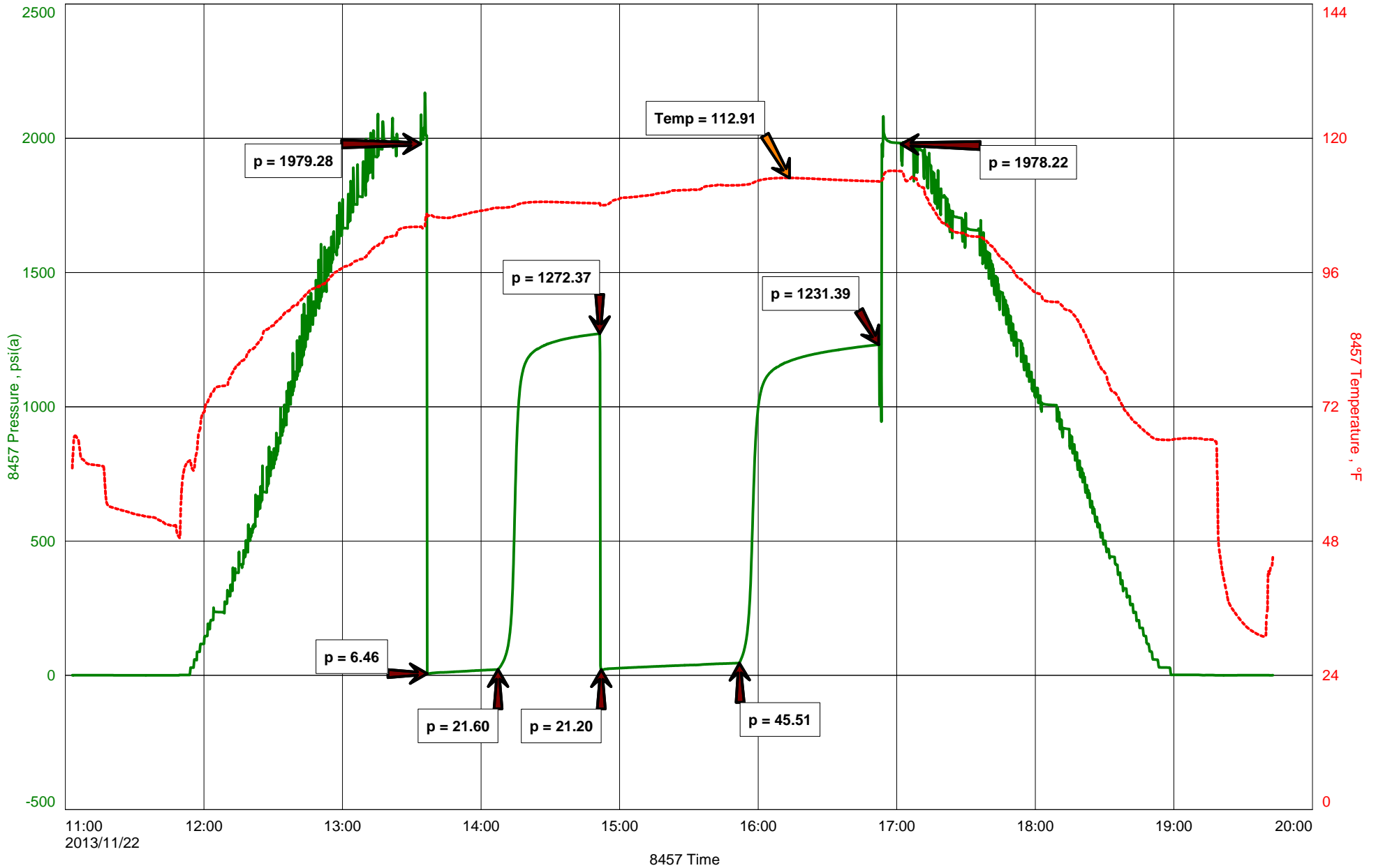
Start Test Time 11:03:00
Final Test Time 19:43:00

Test Recovery:

RECOVERED: 330' GAS IN PIPE
105' MCO, 68% OIL, 32% MUD

TOOL SAMPLE: 56% OIL, 44% MUD

HOCKERSMITH #1-34





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

TIME ON: 11:03
TIME OFF: 19:43

DRILL-STEM TEST TICKET
FILE: HICKERSMITH1-34DST2

Company NEW GULF OPERATING, LLC Lease & Well No. HOCKERSMITH #1-34
Contractor VAL ENERGY, INC. RIG #7 Charge to NEW GULF OPERATING, LLC
Elevation 3059 KB Formation LKC "I" Effective Pay _____ Ft. Ticket No. T286
Date 11-22-13 Sec. 34 Twp. _____ 11 S Range _____ 32 W County LOGAN State KANSAS
Test Approved By STEVE MURPHY Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 2 Interval Tested from 4234 ft. to 4261 ft. Total Depth 4261 ft.
Packer Depth 4229 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4234 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4215 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 4258 ft. Recorder Number 11030 Cap. 5,025 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 56 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,000 P.P.M. Drill Pipe Length 4201 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 2 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 27 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, BUILDING TO 11 1/2 INCHES. (WS BB)
2nd Open: WEAK 1 INCH BLOW, BUILDING, REACHING BOB 25 MIN. (NO BB)

Recovered 330 ft. of GAS IN PIPE
Recovered 105 ft. of MCO, 68% OIL, 32% MUD, GRAVITY: 37
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks: _____	Price Job
_____	Other Charges
_____	Insurance
TOOL SAMPLE: 56% OIL, 44% MUD	Total

Time Set Packer(s) 1:36 PM A.M. P.M. Time Started Off Bottom 4:51 PM A.M. P.M. Maximum Temperature 113 deg.

Initial Hydrostatic Pressure..... (A) 1979 P.S.I.
Initial Flow Period..... Minutes 30 (B) 6 P.S.I. to (C) 22 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1272 P.S.I.
Final Flow Period..... Minutes 60 (E) 21 P.S.I. to (F) 46 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1231 P.S.I.
Final Hydrostatic Pressure..... (H) 1978 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.