

DIAMOND TESTING

General Information Report

General Information

Company Name NEW GULF OPERATING, LLC
Contact JIM HENKLE
Well Name BAKER #1-33
Unique Well ID DST #1, LANSING "A&B", 3846-3933
Surface Location SEC 33-14S-34W, LOGAN CO. KS.
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #1, LANSING "A&B", 3846-3933
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator NEW GULF OPERATING, LLC
Report Date 2014/06/02
Prepared By TIM VENTERS
Qualified By JONG GOLDSMITH

Start Test Date 2014/06/02
Final Test Date 2014/06/02

Start Test Time 04:10:00
Final Test Time 11:51:00

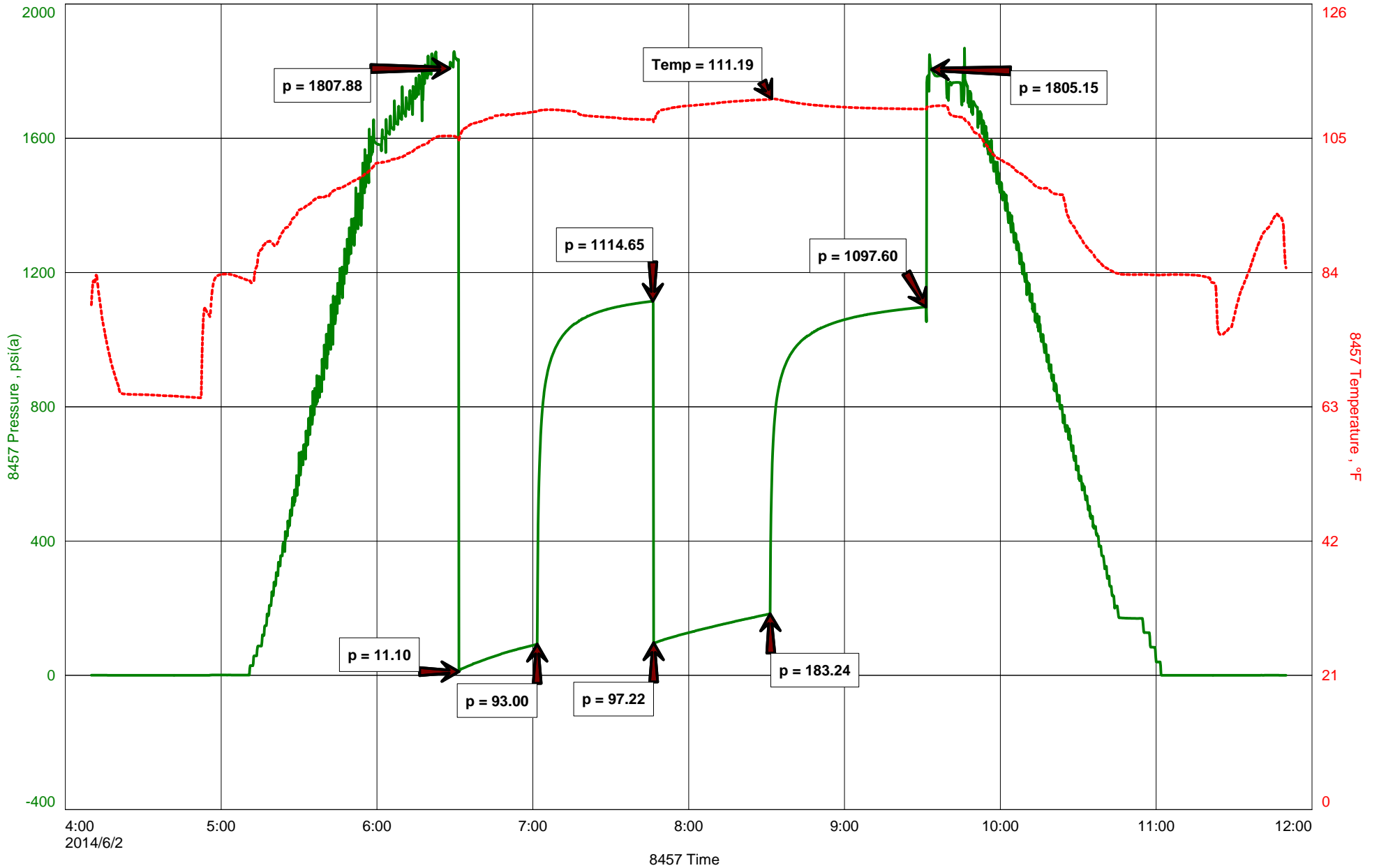
Test Recovery:

RECOVERED: 80' M W/SP. O, SPOTTY OIL, 100% MUD
310' WCM, 31% WATER, 69% MUD
390' TOTAL FLUID

TOOL SAMPLE: 59% WATER, 41% MUD

CHLORIDES: 18,000 ppm
PH: 8.0
RW: .38 @ 62 deg.

BAKER #1-33





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BAKER1-33DST1

TIME ON: 04:10
TIME OFF: 11:51

Company NEW GULF OPERATING, LLC Lease & Well No. BAKER #1-33
Contractor VAL ENERGY, INC. RIG #4 Charge to NEW GULF OPERATING, LLC
Elevation 3005 KB Formation LANSING "A&B" Effective Pay _____ Ft. Ticket No. T352
Date 6-2-14 Sec. 33 Twp. _____ 14 S Range _____ 34 W County LOGAN State KANSAS
Test Approved By JOHN GOLDSMITH Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 1 Interval Tested from 3846 ft. to 3933 ft. Total Depth 3933 ft.
Packer Depth 3841 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3846 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3827 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 3930 ft. Recorder Number 11029 Cap. 5,025 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 52 Drill Collar Length 29 ft. I.D. 2 1/4 in.
Weight 8.8 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,500 P.P.M. Drill Pipe Length 3784 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 24 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ^{63' DP IN ANCHOR} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/4 INCH BLOW, BUILDING, REACHING BOB 20 MIN. (NO BB)
2nd Open: VERY WEAK SURFACE BLOW, BUILDING, REACHING BOB 26 1/2 MIN. (NO BB)

Recovered 80 ft. of M W/SP. O, SPOTTY OIL, 100% MUD
Recovered 310 ft. of WCM, 31% WATER, 69% MUD
Recovered 390 ft. of TOTAL FLUID

Recovered _____ ft. of _____	CHLORIDES: 18,000 PPM	Price Job
Recovered _____ ft. of _____	PH: 8.0	Other Charges
Remarks: _____	RW: .38 @ 62 deg.	Insurance
TOOL SAMPLE: 59% WATER, 41% MUD		Total

Time Set Packer(s) 6:31 AM ^{A.M.} P.M. Time Started Off Bottom 9:31 AM ^{A.M.} P.M. Maximum Temperature 111 deg.

Initial Hydrostatic Pressure..... (A) 1808 P.S.I.
Initial Flow Period..... Minutes 30 (B) 11 P.S.I. to (C) 93 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1115 P.S.I.
Final Flow Period..... Minutes 45 (E) 97 P.S.I. to (F) 183 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1098 P.S.I.
Final Hydrostatic Pressure..... (H) 1805 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.