

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 #3, ALT. B-FT. SCT., 4276-4410
Surface Location SEC 33-14S-34W, LOGAN CO. KS.
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #3, ALT. B- FT. SCT., 4276-4410
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator NEW GULF OPERATING, LLC
Report Date 2014/06/05
Prepared By TIM VENTERS
Qualified By KENT MATSON

Start Test Date 2014/06/04
Final Test Date 2014/06/05

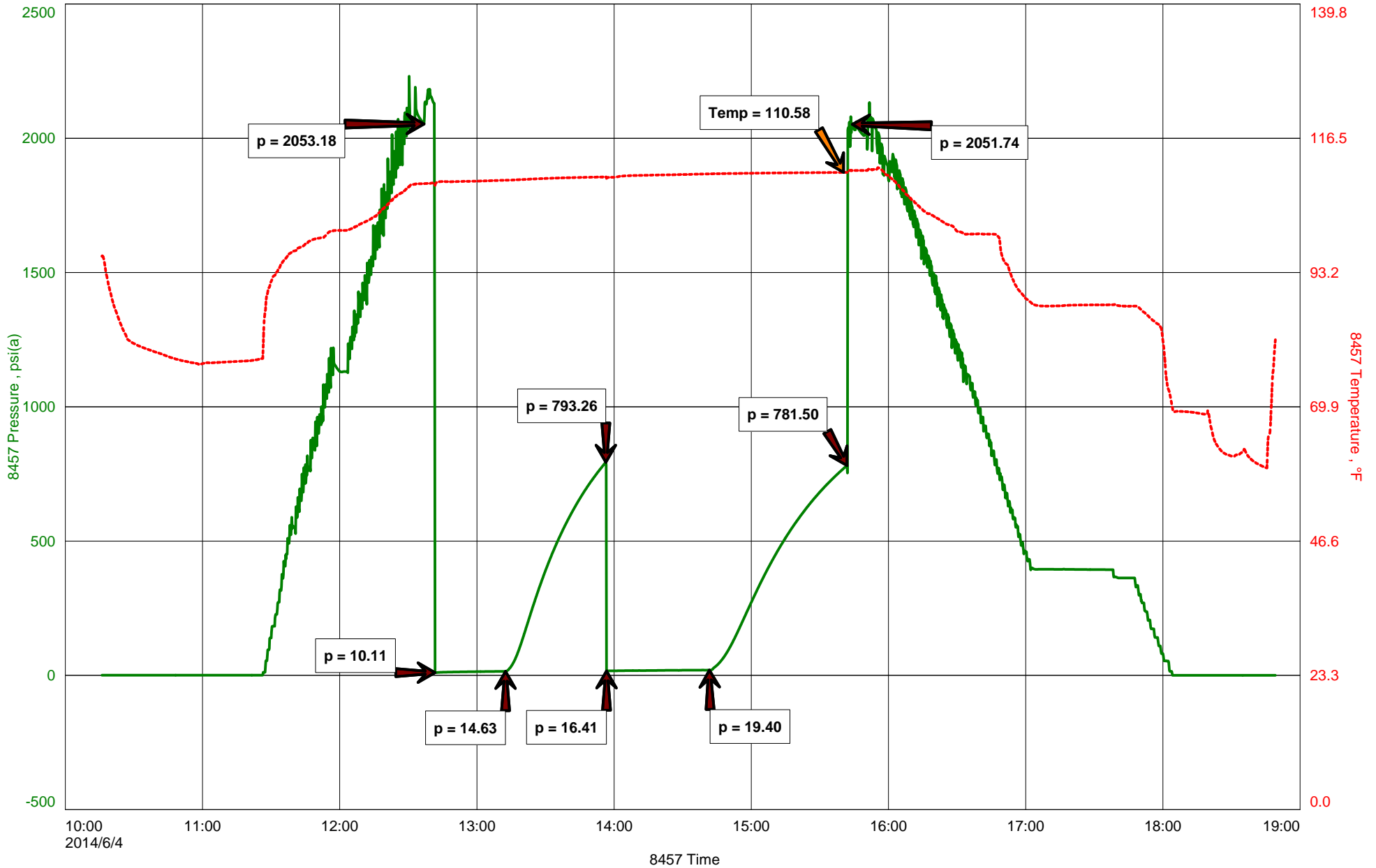
Start Test Time 20:16:00
Final Test Time 04:49:00

Test Recovery:

RECOVERED: 30' M W/TR. O, TRACE OIL, 100% MUD

TOOL SAMPLE: TRACE OIL, 100% MUD

BAKER #1-33





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BAKER1-33DST3

TIME ON: 20:16 6-4-14
TIME OFF: 04:49 6-5-14

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 ALTAMONT "B"-FT. SCOTT Effective Pay _____ Ft. Ticket No. T354
Date 6-4-14 Sec. 33 Twp. _____ 14 S Range _____ 34 W County LOGAN State KANSAS
Test Approved By KENT MATSON Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 3 Interval Tested from 4276 ft. to 4410 ft. Total Depth 4410 ft.
Packer Depth 4271 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4276 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4257 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 4407 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 51 Drill Collar Length 29 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5,000 P.P.M. Drill Pipe Length 4214 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 40 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ^{94' DP IN ANCHOR} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK SURFACE BLOW, BUILDING TO 1/2 INCH. (NO BB)
2nd Open: NO BLOW THROUGHOUT PERIOD. (NO BB)

Recovered 30 ft. of M W/TR. O, TRACE OIL, 100% MUD
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks:	Price Job
	Other Charges
	Insurance
TOOL SAMPLE: TRACE OIL, 100% MUD	Total

Time Set Packer(s) 10:41 PM ^{A.M.} P.M. Time Started Off Bottom 1:41 AM ^{A.M.} P.M. Maximum Temperature 111 deg.

Initial Hydrostatic Pressure..... (A) 2053 P.S.I.
Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 15 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 793 P.S.I.
Final Flow Period..... Minutes 45 (E) 16 P.S.I. to (F) 19 P.S.I.
Final Closed In Period..... Minutes 60 (G) 782 P.S.I.
Final Hydrostatic Pressure..... (H) 2052 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.