

DIAMOND TESTING

General Information Report

General Information

Company Name NEW GULF OPERATING, LLC
Contact JIM HENKLE
Well Name BYRON #3-32
Unique Well ID DST #3, CHER./JOHN., 4430-4504
Surface Location SEC 32-14S-34W, LOGAN CO. KS.
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #3, CHER./JOHN., 4430-4504
Well Fluid Type 01 Oil

Start Test Date 2014/05/21
Final Test Date 2014/05/21

Representative TIM VENTERS
Well Operator NEW GULF OPERATING, LLC
Report Date 2014/05/21
Prepared By TIM VENTERS
Qualified By JOHN GOLDSMITH

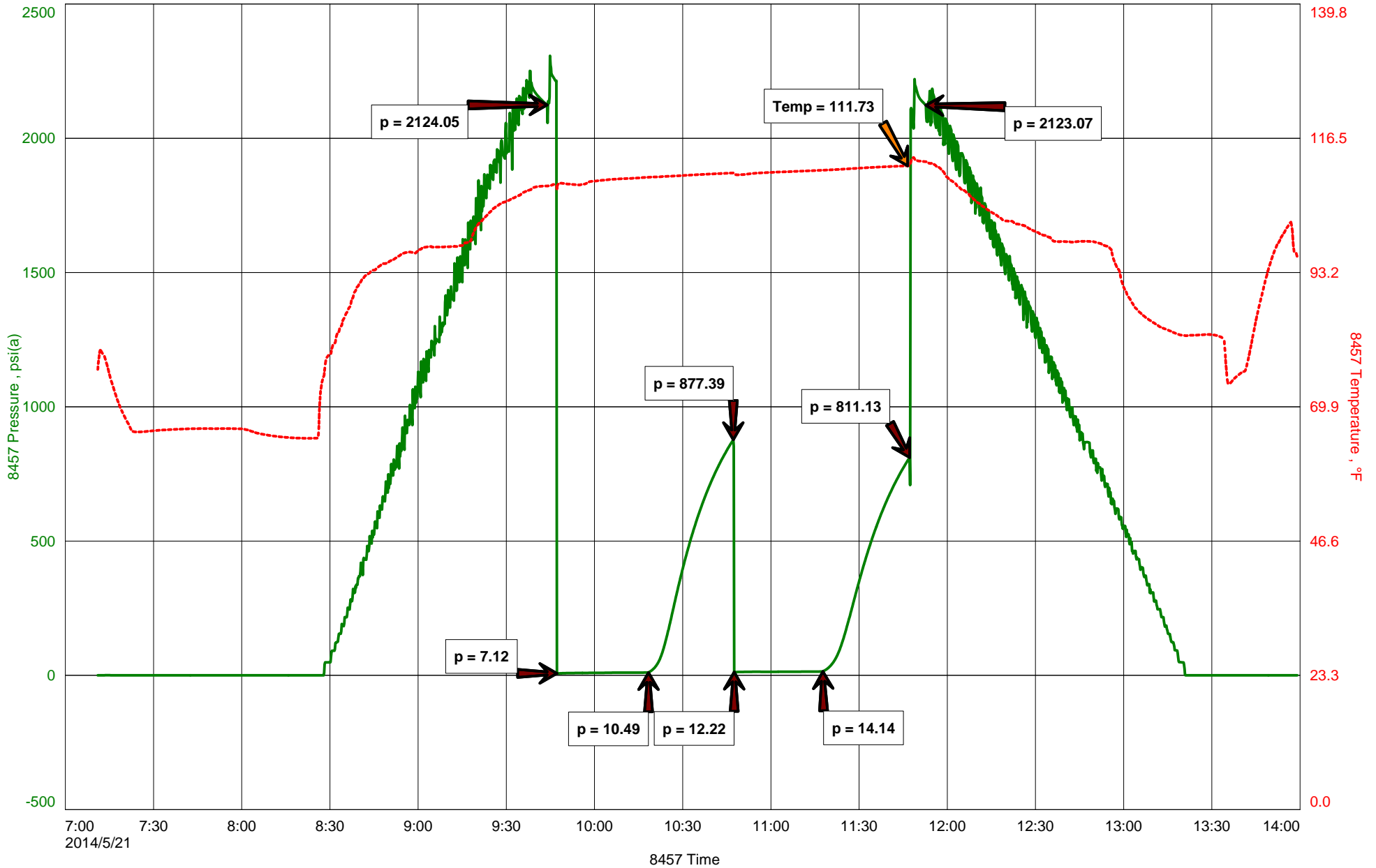
Start Test Time 07:11:00
Final Test Time 14:00:00

Test Recovery:

RECOVERED: 20' M W/SP. O, SPOTTY OIL, 100% MUD

TOOL SAMPLE: SPOTTY OIL, 100% MUD

BYRON #3-32





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BYRON3-32DST3

TIME ON: 07:11
TIME OFF: 14:00

Company NEW GULF OPERATING, LLC Lease & Well No. BYRON #3-32
Contractor VAL ENERGY, INC. RIG #4 Charge to NEW GULF OPERATING, LLC
Elevation 3019 KB Formation CHEROKEE/JOHNSON Effective Pay _____ Ft. Ticket No. T350
Date 5-21-14 Sec. 32 Twp. _____ 14 S Range _____ 34 W County LOGAN State KANSAS
Test Approved By JOHN GOLDSMITH Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 3 Interval Tested from 4430 ft. to 4504 ft. Total Depth 4504 ft.
Packer Depth 4425 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4430 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4411 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 4501 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 9.3 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 6,000 P.P.M. Drill Pipe Length 4368 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 43 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ^{31' DP IN ANCHOR} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK SURFACE BLOW THROUGHOUT PERIOD (NO BB)
2nd Open: VERY WEAK SURFACE BLOW LASTING 3 MIN. (NO BB)

Recovered <u>20</u> ft. of <u>M W/SP. O, SPOTTY OIL, 100% MUD</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>SPOTTY OIL, 100% MUD</u>	Total

Time Set Packer(s) 9:46 AM ^{A.M.} P.M. Time Started Off Bottom 11:46 AM ^{A.M.} P.M. Maximum Temperature 112 deg.
Initial Hydrostatic Pressure..... (A) 2124 P.S.I.
Initial Flow Period..... Minutes 30 (B) 7 P.S.I. to (C) 10 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 877 P.S.I.
Final Flow Period..... Minutes 30 (E) 12 P.S.I. to (F) 14 P.S.I.
Final Closed In Period..... Minutes 30 (G) 811 P.S.I.
Final Hydrostatic Pressure..... (H) 2123 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.