

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 #2, FT. SCOTT, 4354-4428
Surface Location SEC 32-14S-34W, LOGAN CO. KS.
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #2, FT. SCOTT, 4354-4428
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator NEW GULF OPERATING, LLC
Report Date 2014/05/20
Prepared By TIM VENTERS
Qualified By JOHN GOLDSMITH

Start Test Date 2014/05/20
Final Test Date 2014/05/20

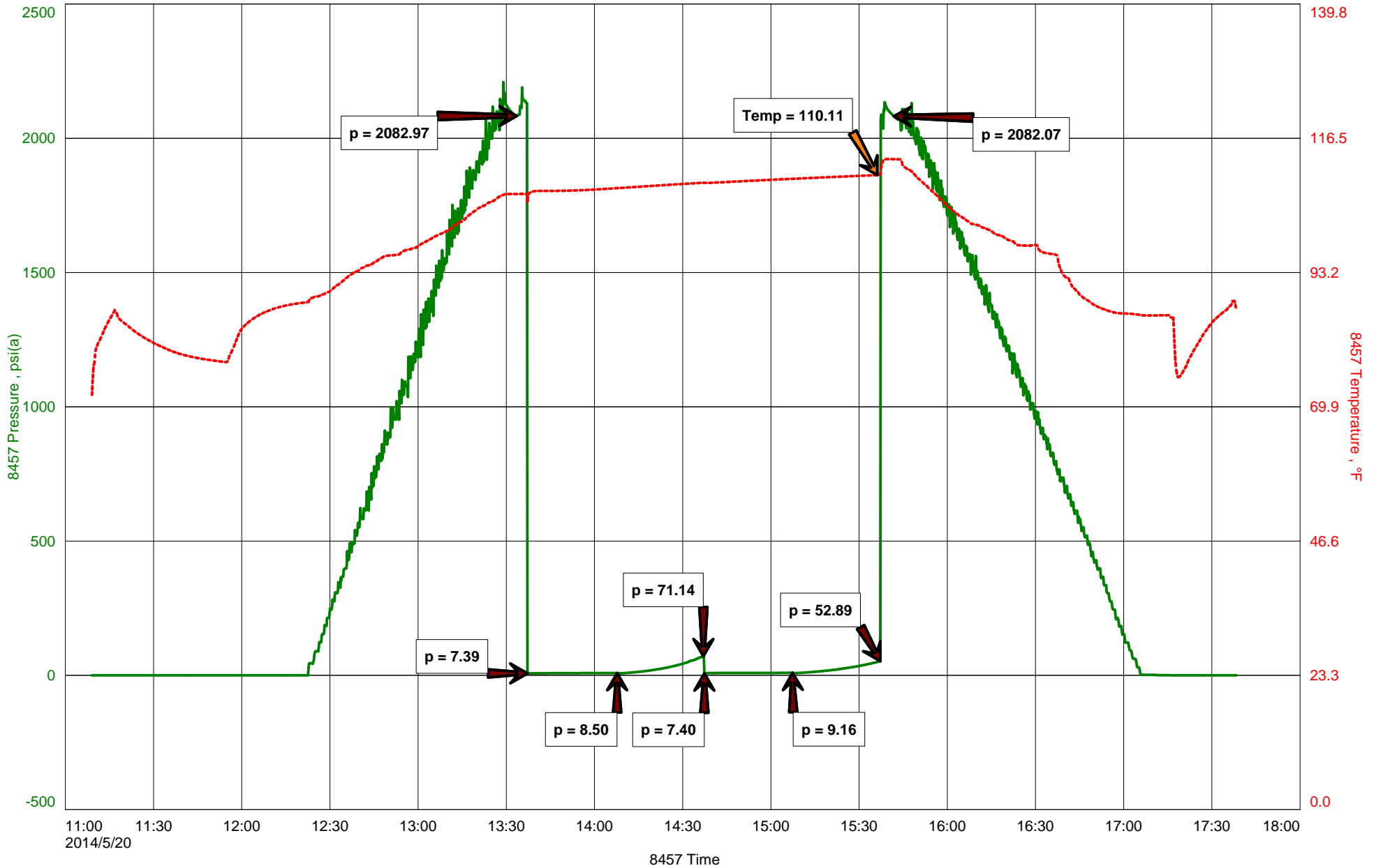
Start Test Time 11:09:00
Final Test Time 17:39:00

Test Recovery:

RECOVERED: 10' MUD

TOOL SAMPLE: 100% MUD

BYRON #3-32





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BYRON3-32DST2

TIME ON: 11:09
TIME OFF: 17:39

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 FT. SCOTT Effective Pay _____ Ft. Ticket No. T349
Date 5-20-14 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. 2 Interval Tested from 4354 ft. to 4428 ft. Total Depth 4428 ft.
Packer Depth 4349 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4354 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4335 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 4425 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 49 Drill Collar Length 29 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5,000 P.P.M. Drill Pipe Length 4292 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: VERY WEAK SURFACE BLOW LASTING 22 MIN. (NO BB)
2nd Open: NO BLOW THROUGHOUT PERIOD. (NO BB)

Recovered <u>10</u> ft. of <u>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>100% MUD</u>	Total

Time Set Packer(s) 1:36 PM ^{A.M.}/_{P.M.} Time Started Off Bottom 3:36 PM ^{A.M.}/_{P.M.} Maximum Temperature 110 deg.
Initial Hydrostatic Pressure..... (A) 2083 P.S.I.
Initial Flow Period..... Minutes 30 (B) 7 P.S.I. to (C) 9 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 71 P.S.I.
Final Flow Period..... Minutes 30 (E) 7 P.S.I. to (F) 9 P.S.I.
Final Closed In Period..... Minutes 30 (G) 53 P.S.I.
Final Hydrostatic Pressure..... (H) 2082 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.