

DIAMOND TESTING GENERAL REPORT

Jake Fahrenbruch, Tester

Cell: (620) 282-8977 / Office: (800) 542-7313



TEST INFORMATION

Well Name	Golden Bear #1-33
Formation	L/KC "E&F" 4144'-4178'
Surface Location	Sec 33-11s-32w-Logan Co.-KS
Company Name	New Gulf Operating
Test Type	Bottom-Hole W/J&J
Gauge Name	Inside 5951
Start Test Date	2014/10/14
Start Test Time	23:30:00
Final Test Date	2014/10/15
Final Test Time	06:10:00
Job Number	F331
Contact	Jim Henkle
Site Contact	John Goldsmith

TEST RESULTS

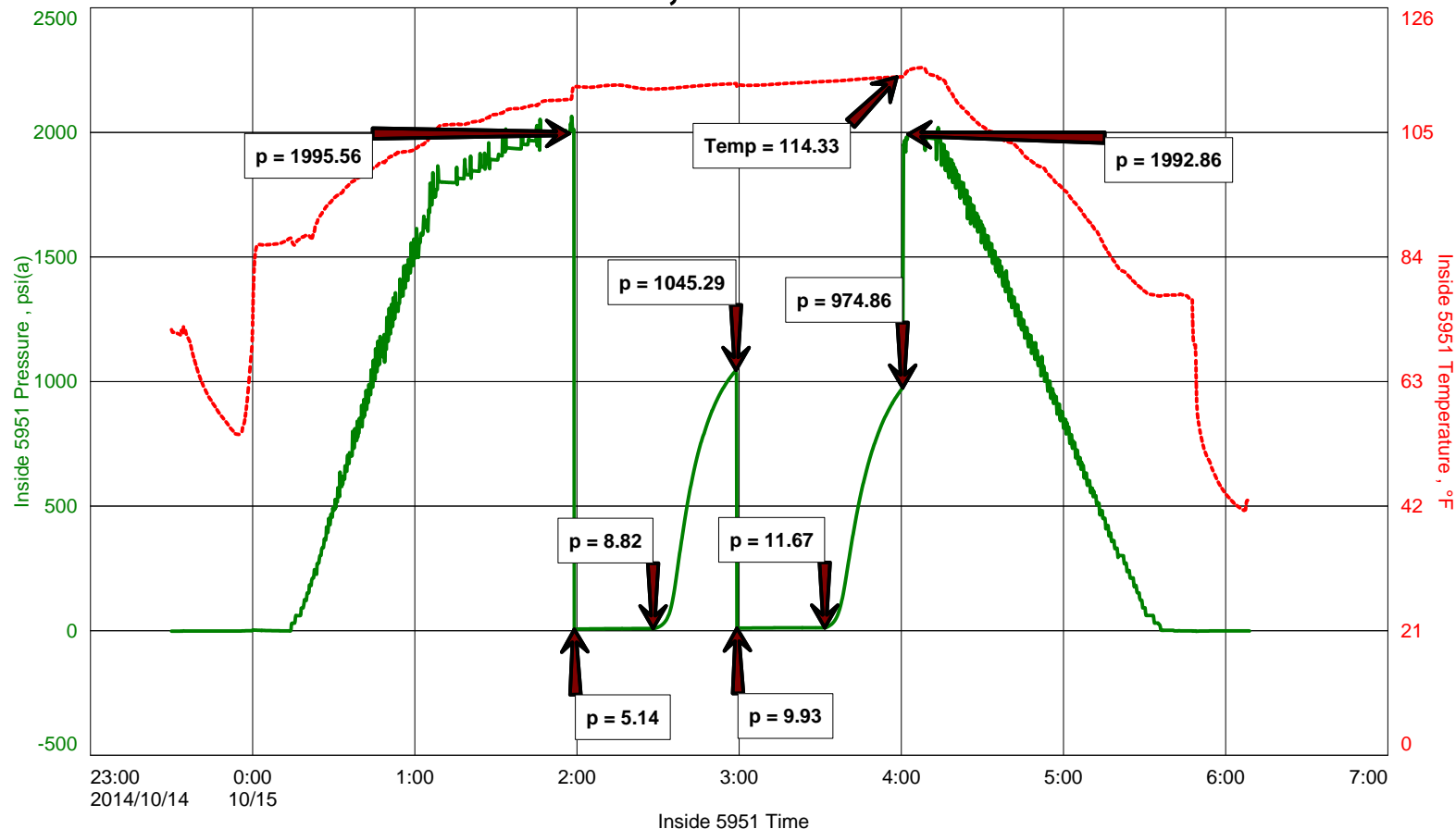
Initial flow, surface blow, increased to .5". Ambient Temp.: 43 F
Final flow, no blow.

Recovered 5' of drilling mud.
Tool Sample: Oil Specked Mud, 1% o, 99% m.

New Gulf Operating
Start Test Date: 2014/10/14
Final Test Date: 2014/10/15

Golden Bear #1-33
Formation: L/KC "E&F" 4144'-4178'
Job Number: F331

DST #1, L/KC "E&F"





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

ON LOCATION:	<u>21:50 10-14</u>
START RECORDERS:	<u>23:30 10-14</u>
STOP RECORDERS:	<u>06:10 10-15</u>

Company NEW GULF OPERATING CO Lease & Well No. GOLDEN BEAR #1-33
 Contractor VAL ENERGY RIG #4 Charge to NEW GULF OPERATING CO
 Elevation 3060'KB Formation L/KC "E4F" Effective Pay _____ Ft. Ticket No. F331
 Date 10-15-14 Sec. 33 Twp. 11S Range 32W County LOGAN State KANSAS
 Test Approved By JOHN GOLDSMITH Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 1 Interval Tested from 4144 ft to 4178 ft. Total Depth 4178 ft.
 Packer Depth 4139 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4144 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4122 ft. Recorder Number 5951 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 4145 ft. Recorder Number 5584 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 52 (1"100) Drill Collar Length 30 ft. I.D. 2 1/4 in.
 Weight 9.2 Water Loss 8.8 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 3000 P.P.M. Drill Pipe Length 4081 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number #5 J&J Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 34 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: SURFACE FLOW, INC TO 1/2" AMBIENT TEMP: 43°F
 2nd Open: NO BLOW.

Recovered 5 ft. of DRLG MUD 100% MUD
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOP2 SAMPLE: OIL SPECKED MUD 1% O, 99% M</u>	<u>JARS & SAFETY JOINT</u>
	<u>414 MRT (PARAT KS)</u>
	Total

Time Set Packer(s) 2:00 AM Time Started Off Bottom 4:00 AM Maximum Temperature 114°F

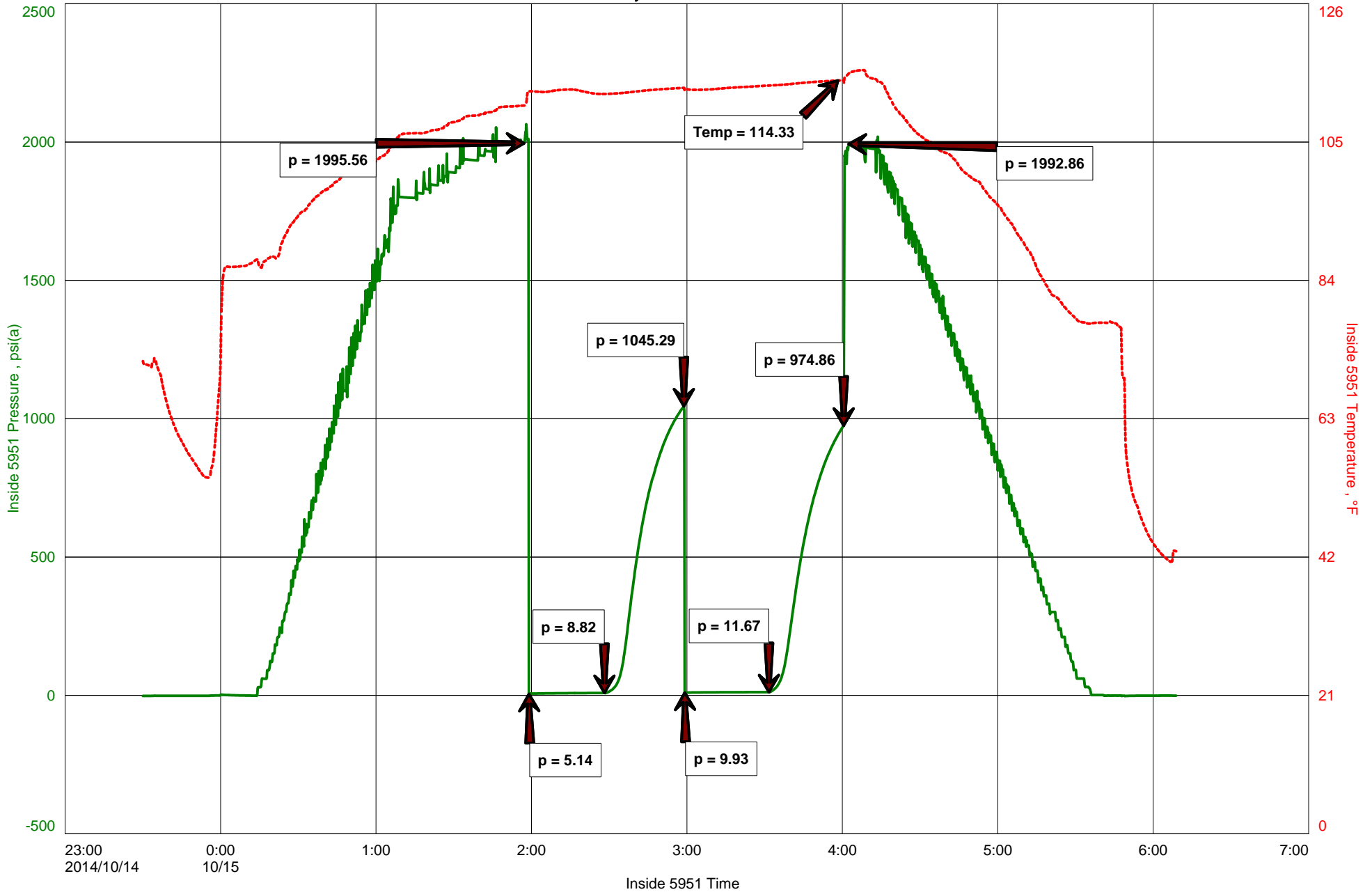
Initial Hydrostatic Pressure..... (A) 1996 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 5 P.S.I. to (C) 9 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 1045 P.S.I.
 Final Flow Period..... Minutes 30 (E) 10 P.S.I. to (F) 12 P.S.I.
 Final Closed In Period..... Minutes 30 (G) 975 P.S.I. Thank you!
 Final Hydrostatic Pressure..... (H) 1993 P.S.I. Jake Fahrenbruch

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.

New Gulf Operating
Start Test Date: 2014/10/14
Final Test Date: 2014/10/15

Golden Bear #1-33
Formation: L/KC "E&F" 4144'-4178'
Job Number: F331

DST #1, L/KC "E&F"





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

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

Recovered _____ ft. of _____	Price Job Other Charges Insurance Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ P.S.I.

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