



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: MADDEN1DST2

TIME ON: 9:23 PM 1-26
 TIME OFF: 5:37 AM 1-27

Company Anderson Exploration, Inc. Lease & Well No. Madden #1
 Contractor Southwind Drilling Rig #8 Charge to Anderson Exploration, Inc.
 Elevation 2163' KB Formation _____ Pawnee Effective Pay _____ Ft. Ticket No. F235
 Date 1-27-14 Sec. 17 Twp. _____ 14 S Range _____ 21 W County _____ Trego State KANSAS
 Test Approved By Roger Martin Diamond Representative Jake Fahrenbruch

Formation Test No. TWO Interval Tested from 3833 ft. to 3892 ft. Total Depth 3892 ft.
 Packer Depth 3828 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3833 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3811 ft. Recorder Number 5951 Cap. 5,000 P.S.I.
 Bottom Recorder Depth (Outside) 3869 ft. Recorder Number 0062 Cap. 5,000 P.S.I.
 Below Straddle Recorder Depth ----- ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 50 Drill Collar Length _____ ft. I.D. 2 1/4 in.
 Weight 9.2 Water Loss 6.0 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides _____ LCM: 2# ----- Chlorides: 4000 P.P.M. Drill Pipe Length 3800 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 59 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: Tool slid 6' to bottom upon opening, resulting in a 2.5" blow, packers held, blow increased from 2.5" to 5". Bled-off, no blow-back.
2nd Open: Weak surface blow, increased to 6.5". Bled-off, no blow-back.

Recovered 2 ft. of Free Oil 100% oil
 Recovered 43 ft. of OCM 15% oil, 85% mud
 Recovered 50 ft. of HOCM 40% oil, 60% mud
 Recovered ----- ft. of No G.I.P.

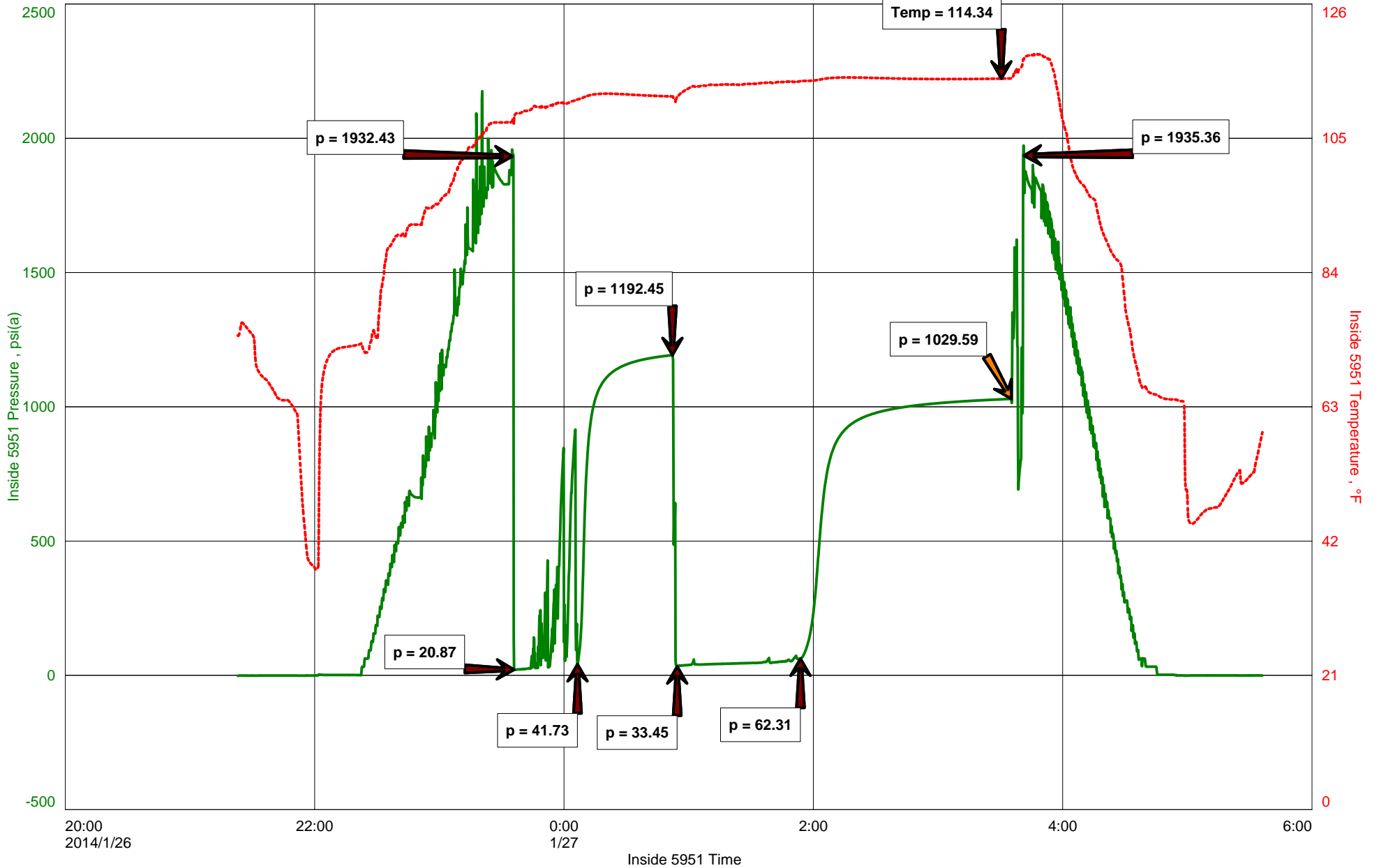
Recovered <u>----- ft.</u> of Total Recovered Fluid: 95'	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>Tool slid 6' to bottom upon opening tool, packers held. Had to trip jars to pull tool loose.</u>	Insurance
<u>String weight: 45,000# Weight pulled loose: 115,000# (70,000 over SW) **80 miles f/DST #2**</u>	
	Total

Time Set Packer(s) 11:38 PM A.M. P.M. Time Started Off Bottom 3:23 AM A.M. P.M. Maximum Temperature 114 Deg F

Initial Hydrostatic Pressure..... (A) 1933 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 21 P.S.I. to (C) 42 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 1192 P.S.I.
 Final Flow Period..... Minutes 60 (E) 33 P.S.I. to (F) 62 P.S.I.
 Final Closed In Period..... Minutes 90 (G) 1030 P.S.I.
 Final Hydrostatic Pressure..... (H) 1935 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.

Madden #1





Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name	Anderson Energy, Inc.	Well Name	Madden #1
Well Operator	Anderson Energy, Inc.	Unique Well ID	DST #1 Pawnee 3833'-3892'
Contact	Thomas Anderson	Surface Location	Sec 17-14s-21w-Trego Co.-KS
Site Contact	Roger Martin	Test Unit	#5
Field	Madden West	Pool	NA
Well Type	Vertical	Job Number	F235
Prepared By	Jake Fahrenbruch	Qualified By	Roger Martin

Test Information

Test Type	Bottom-Hole w/J&J	Test Purpose	Initial Test
Formation	Pawnee 3833'-3892'	Gauge Name	Inside 5951
Start Test Date	2014/01/26	Start Test Time	21:23:00
Final Test Date	2014/01/27	Final Test Time	05:37:00

Test Results

30 minute initial flow period: Tool slid 6' To bottom after opening, resulting in a 2.5" blow, packers held. Blow increased from 2.5" to 5".

45 minute initial shut-in period: Bled-off, no blow-back.

60 minute final flow period: Weak surface blow, increased to 6.5".

90 minute final shut-in period: Bled-off, no blow-back.

Recovered:

2'	Free Oil	100% oil
43'	OCM	15% oil, 85% mud
50'	HOCM	40% oil, 60% mud
----	Total Recovered Fluid: 95'	
----	Bottom-Hole Temp: 114 Deg F	
----	No G.I.P.	

Pressures:

IHP:	1933
IFP:	21-42
ISIP:	1192
FFP:	33-62
FSIP:	1030
FHP:	1935

Thanks



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: MADDEN1DST1

TIME ON: 9:19 AM
TIME OFF: 5:21 PM

Company Anderson Exploration, Inc. Lease & Well No. Madden #1
Contractor Southwind Drilling Rig #8 Charge to Anderson Exploration, Inc.
Elevation 2163' KB Formation Lansing "B-F" Effective Pay _____ Ft. Ticket No. F234
Date 1-25-14 Sec. 17 Twp. 14 S Range 21 W County Trego State KANSAS
Test Approved By Roger Martin Diamond Representative Jake Fahrenbruch

Formation Test No. ONE Interval Tested from 3524 ft. to 3580 ft. Total Depth 3580 ft.
Packer Depth 3519 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3524 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3502 ft. Recorder Number 5951 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 3560 ft. Recorder Number 0062 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 60 Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 6.0 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ LCM: 3# ----- Chlorides: 3600 P.P.M. Drill Pipe Length 3491 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 56 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ^{22"PERF(2"TOP-20"BTM)} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Fair blow, increased to 9" in 30 minutes. Bled off, no blow-back.
2nd Open: Fair blow, increased to B.O.B. in 50 minutes. Bled off, no blow-back.

Recovered 70 ft. of WCM 12% wtr, 88% mud
Recovered 120 ft. of Water 100% wtr
Recovered _____ ft. of 190' Total Fluid Recovered
Recovered _____ ft. of Chlorides: 74,000 PPM

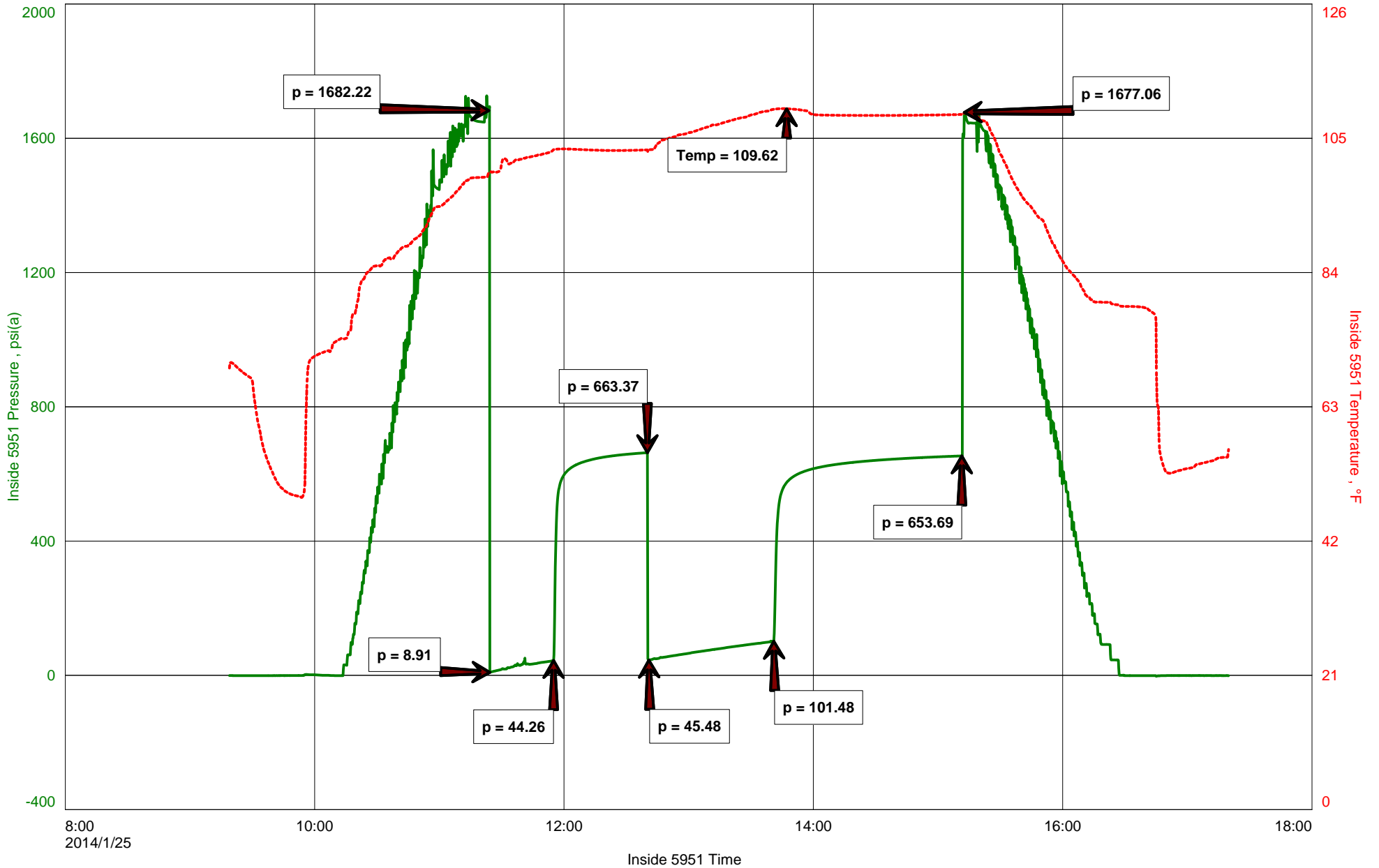
Recovered _____ ft. of <u>RW: .08 ohm @ 73 Deg F</u>	Price Job
Recovered _____ ft. of <u>PH: 7.0</u>	Other Charges
Remarks: _____	Insurance
<u>268 miles f/DST #1</u>	
Total	

Time Set Packer(s) 11:25 AM A.M. P.M. Time Started Off Bottom 3:10 PM A.M. P.M. Maximum Temperature 110 Deg F

Initial Hydrostatic Pressure..... (A) 1682 P.S.I.
Initial Flow Period..... Minutes 30 (B) 9 P.S.I. to (C) 44 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 663 P.S.I.
Final Flow Period..... Minutes 60 (E) 45 P.S.I. to (F) 101 P.S.I.
Final Closed In Period..... Minutes 90 (G) 654 P.S.I.
Final Hydrostatic Pressure..... (H) 1677 P.S.I.

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Madden #1





Diamond Testing General Report

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General Information

Company Name	Anderson Energy, Inc.	Well Name	Madden #1
Well Operator	Anderson Energy, Inc.	Unique Well ID	DST #1 Lansing "B-F" 3524'-3580'
Contact	Thomas Anderson	Surface Location	Sec 17-14s-21w-Trego Co.-KS
Site Contact	Roger Martin	Test Unit	#5
Field	Madden West	Pool	NA
Well Type	Vertical	Job Number	F234
Prepared By	Jake Fahrenbruch	Qualified By	Roger Martin

Test Information

Test Type	Bottom-Hole w/J&J	Test Purpose	Initial Test
Formation	Lansing "B-F" 3524'-3580'	Gauge Name	Inside 5951
Start Test Date	2014/01/25	Start Test Time	09:19:00
Final Test Date	2014/01/25	Final Test Time	17:21:00

Test Results

30 minute initial flow period:	Fair blow, increased to 9" in 30 minutes.
45 minute initial shur-in period:	Bled off, no blow-back.
60 minute final flow period:	Fair blow, increased to B.O.B. in 50 minutes.
90 minute final shut-in period:	Bled off, no blow-back.

Recovered:

70'	WCM	12% wtr, 88% mud
120'	Water	100% wtr
----	190' Total Fluid Recovered	
----	Bottom-Hole Temp.: 110 Deg F	
----	Chlorides: 74,000 PPM	
----	RW: .08 ohm @ 73 Deg F	
----	PH: 7.0	

Pressures:

IHP:	1682
IFP:	9-44
ISIP:	663
FFP:	45-101
FSIP:	654
FHP:	1677

Thanks



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General Information

Company Name	Anderson Energy, Inc.	Well Name	Madden #1
Well Operator	Anderson Energy, Inc.	Unique Well ID	DST #3 Cong./Arb. 3888'-3950'
Contact	Thomas Anderson	Surface Location	Sec 17-14s-21w-Trego Co.-KS
Site Contact	Roger Martin	Test Unit	#5
Field	Madden West	Pool	NA
Well Type	Vertical	Job Number	F236
Prepared By	Jake Fahrenbruch	Qualified By	Roger Martin

Test Information

Test Type	Bottom-Hole w/J&J	Test Purpose	Initial Test
Formation	Cong./Arb. 3888'-3950'	Gauge Name	Inside 5951
Start Test Date	2014/01/27	Start Test Time	21:50:00
Final Test Date	2014/01/28	Final Test Time	04:53:00

Test Results

30 minute initial flow period:	Weak blow @ 1", Increased to 2" in bucket.
45 minute initial shut-in period:	No blow-back.
45 minute final flow period:	Weak surface blow, blow died after 30 minutes.
60 minute final shut-in period:	No blow-back.

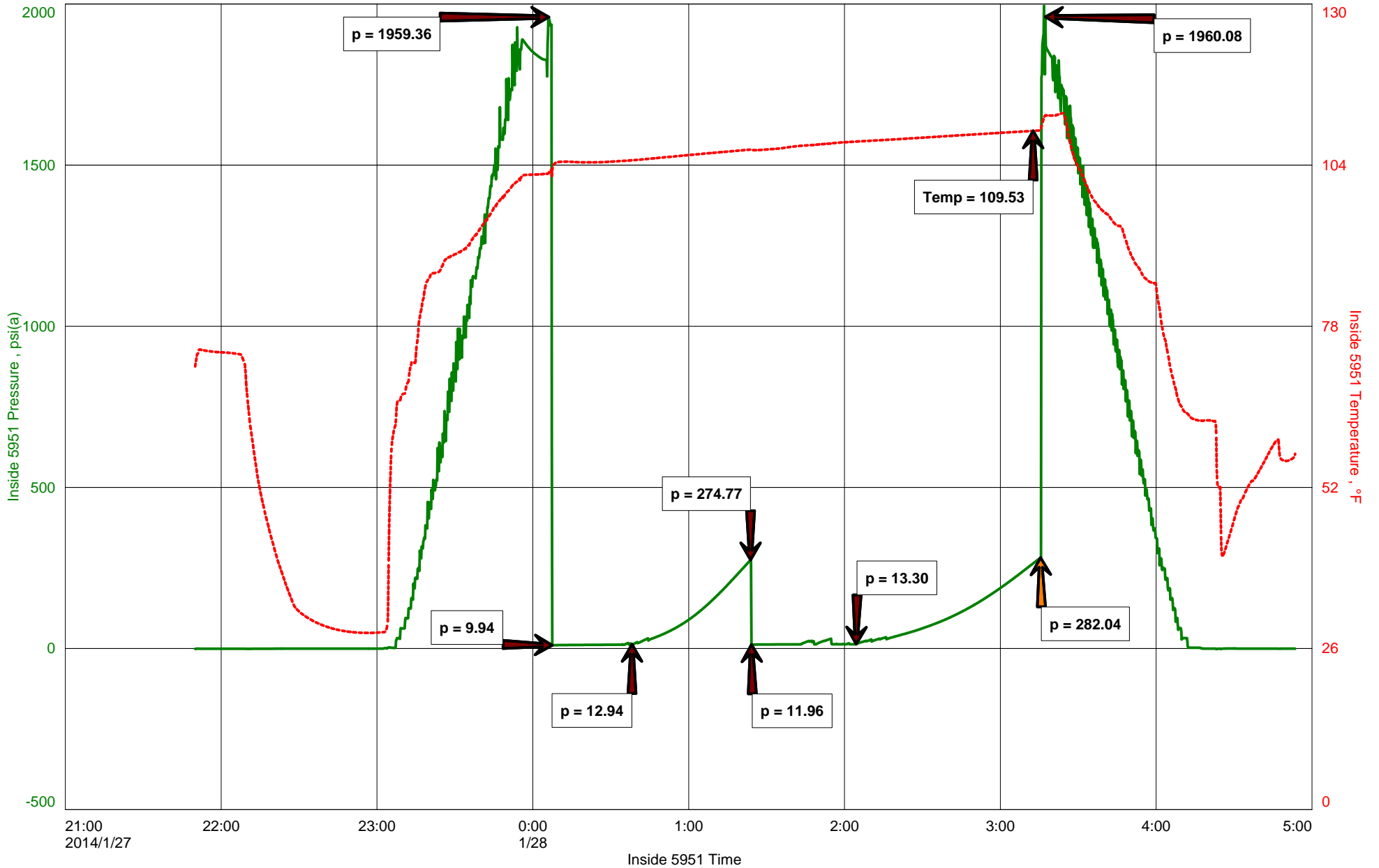
Recovered: 5' Drilling Mud 100% mud
----- Bottom-Hole Temp: 110 Deg F

Pressures:

IHP:	1959
IFP:	10-13
ISIP:	275
FFP:	12-13
FSIP:	282
FHP:	1960

Thanks

Madden #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: MADDEN1DST3

TIME ON: 9:50 PM 1-27
TIME OFF: 4:53 AM 1-28

Company Anderson Exploration, Inc. Lease & Well No. Madden #1
Contractor Southwind Drilling Rig #8 Charge to Anderson Exploration, Inc.
Elevation 2163' KB Formation _____ Cong./Arb. Effective Pay _____ Ft. Ticket No. F236
Date 1-28-14 Sec. 17 Twp. _____ 14 S Range _____ 21 W County _____ Trego State KANSAS
Test Approved By Roger Martin Diamond Representative Jake Fahrenbruch

Formation Test No. THREE Interval Tested from 3888 ft. to 3950 ft. Total Depth 3950 ft.
Packer Depth 3883 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3888 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3866 ft. Recorder Number 5951 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 3924 ft. Recorder Number 0062 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 56 (2# LCM) Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 8.0 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 4100 P.P.M. Drill Pipe Length 3855 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 62 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ^{28' PERF(2TOP,25BTM)} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Weak blow @ 1", increased to 2" in bucket. No blow-back.
2nd Open: Weak surface blow, blow died after 30 minutes. No blow-back.

Recovered _____ ft. of _____
Recovered 5 ft. of Drilling Mud 100% mud
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
45 miles R.T. f/DST#3	
	Total

Time Set Packer(s) 12:10 AM ^{A.M.} P.M. Time Started Off Bottom 3:10 AM ^{A.M.} P.M. Maximum Temperature 110 Deg F

Initial Hydrostatic Pressure..... (A) 1959 P.S.I.
Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 13 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 275 P.S.I.
Final Flow Period..... Minutes 45 (E) 12 P.S.I. to (F) 13 P.S.I.
Final Closed In Period..... Minutes 60 (G) 282 P.S.I.
Final Hydrostatic Pressure..... (H) 1960 P.S.I.

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