



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1188224  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well  Re-Entry  Workover
- Oil  WSW  SWD  SIOW
- Gas  D&A  ENHR  SIGW
- OG  GSW  Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic  Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening  Re-perf.  Conv. to ENHR  Conv. to SWD
- Plug Back  Conv. to GSW  Conv. to Producer
- Commingled Permit #: \_\_\_\_\_
- Dual Completion Permit #: \_\_\_\_\_
- SWD Permit #: \_\_\_\_\_
- ENHR Permit #: \_\_\_\_\_
- GSW Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE  NW  SE  SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27  NAD83  WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1188224

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Anderson Energy, Inc.
Well Name	Madden 1
Doc ID	1188224

Tops

Name	Top	Datum
Anhydrite	1535	+628
Topeka	3221	-1058
Heebner	3469	-1306
Lansing	3507	-1341
BKC	3754	-1591
Pawnee	3853	-1690
Conglomerate	3934	-1771
Arbuckle	3945	-1782
LTD	4021	-1855





**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.

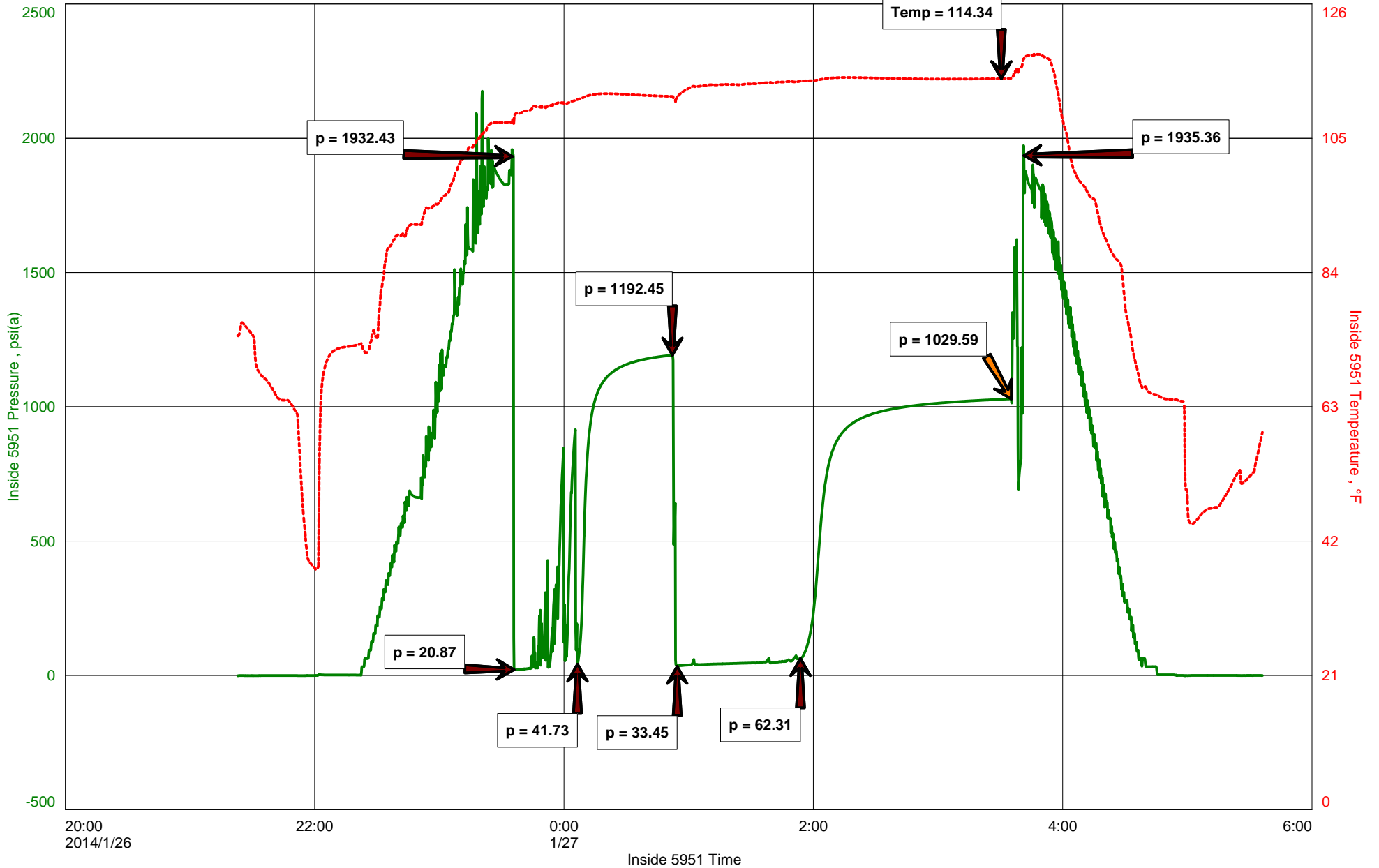
Recovered _____ ft. of Total Recovered Fluid: 95'	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: Tool slid 6' to bottom upon opening tool, packers held. Had to trip jars to pull tool loose. String weight: 45,000# Weight pulled loose: 115,000# (70,000 over SW) **80 miles f/DST #2**	Insurance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

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

## Test Information

<b>Test Type</b>	Bottom-Hole w/J&J	<b>Test Purpose</b>	Initial Test
<b>Formation</b>	Pawnee 3833'-3892'	<b>Gauge Name</b>	Inside 5951
<b>Start Test Date</b>	2014/01/26	<b>Start Test Time</b>	21:23:00
<b>Final Test Date</b>	2014/01/27	<b>Final Test Time</b>	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. <sup>22"PERF(2"TOP-20"BTM)</sup> 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	

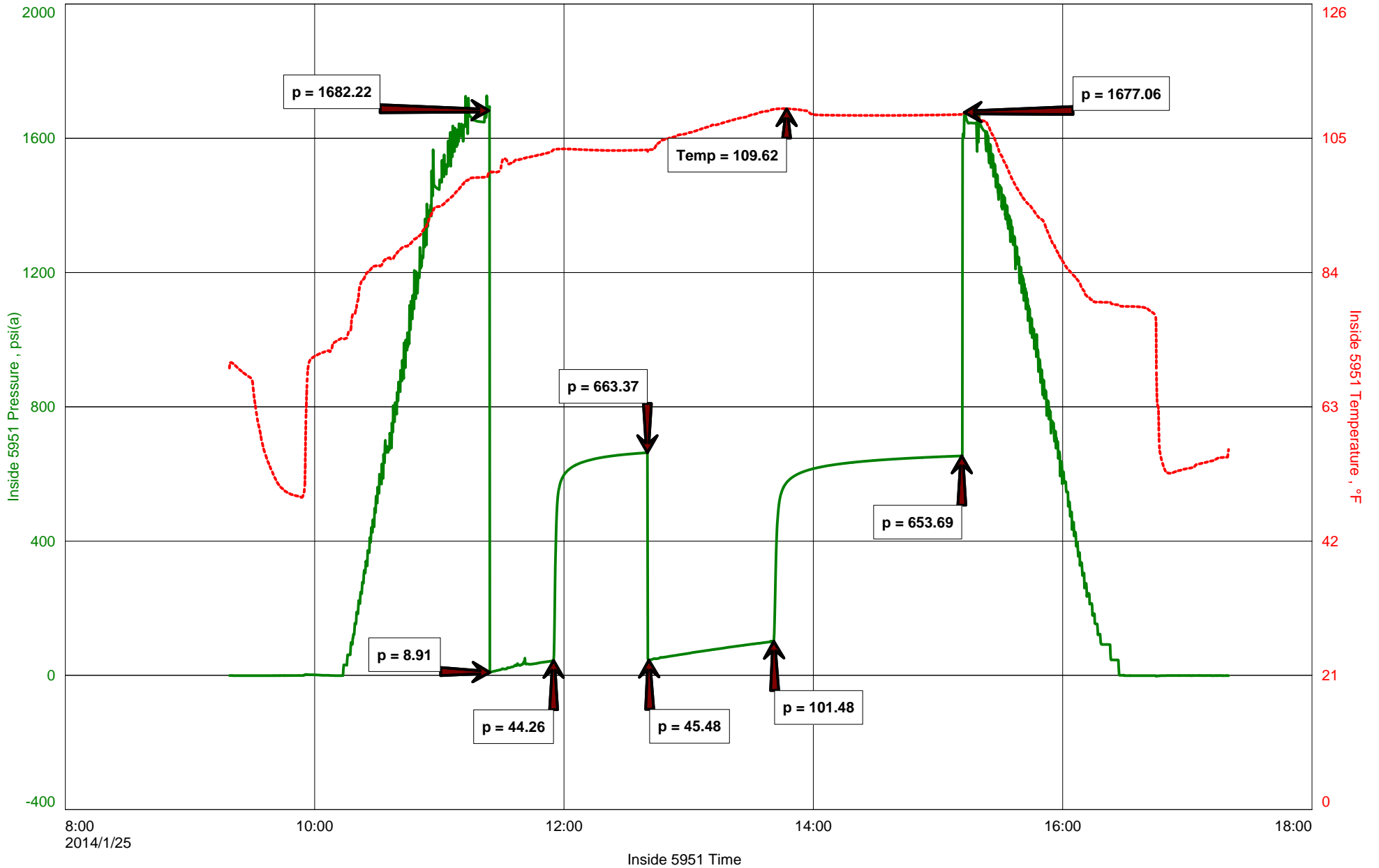
Time Set Packer(s) 11:25 AM A.M. P.M. Time Started Off Bottom 3:10 PM A.M. P.M. Maximum Temperature 110 Deg F

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

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

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

## General Information

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

## Test Information

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



# Diamond Testing General Report

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

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

## General Information

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

## Test Information

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

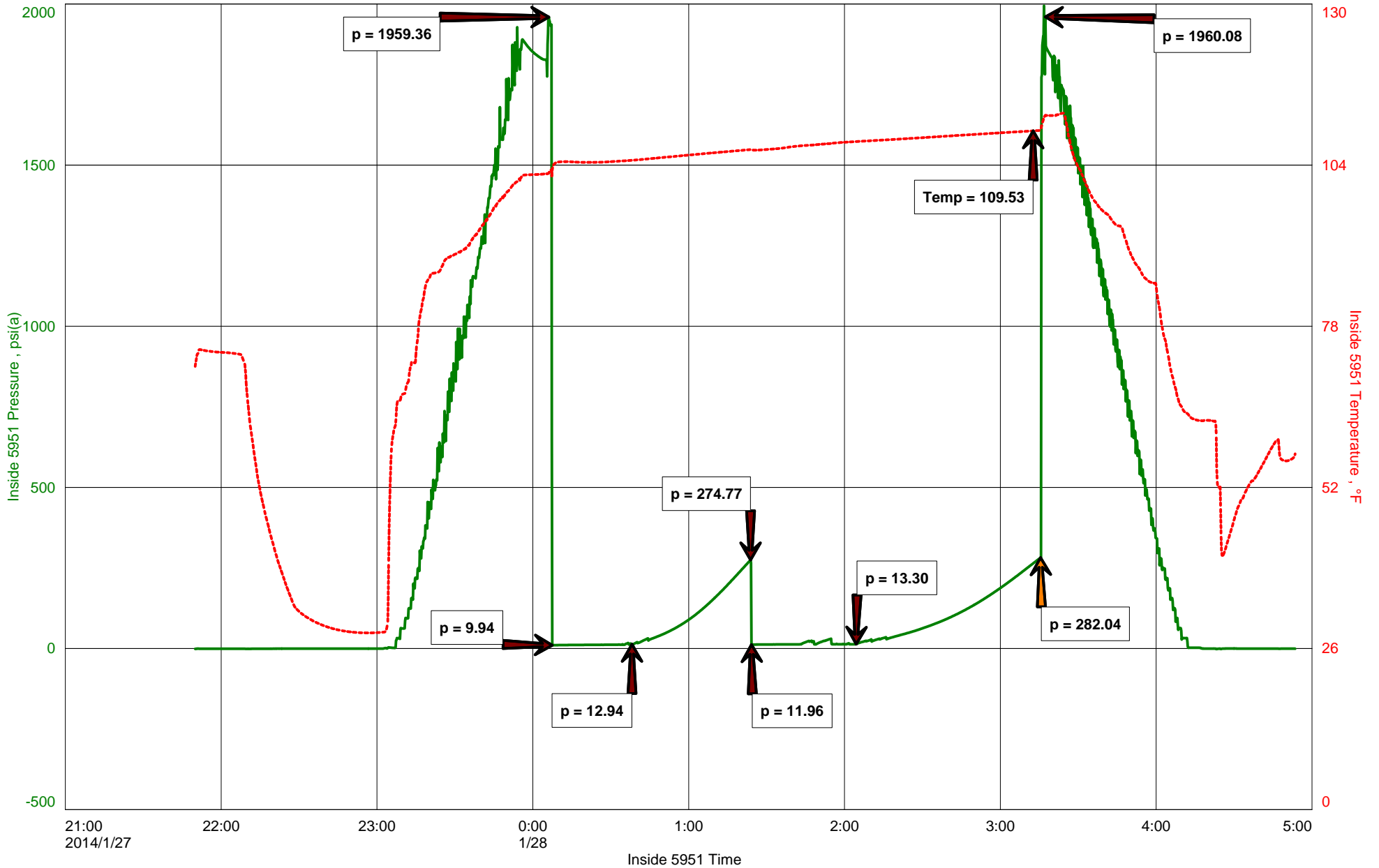
Recovered: 5' Drilling Mud 100% mud  
----- Bottom-Hole Temp: 110 Deg F

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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# ALLIED OIL & GAS SERVICES, LLC 054965

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Russell KS

DATE <u>1-20-14</u>	SEC. <u>17</u>	TWP. <u>14</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START <u>9:30am</u>	JOB FINISH <u>10:00pm</u>
LEASE <u>Madden</u>	WELL# <u>1</u>	LOCATION <u>Ogallah KS Exit S to Vrd</u>			COUNTY <u>Trego</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)			<u>2 1/2 E Sinto</u>				

CONTRACTOR Southwind #8 OWNER \_\_\_\_\_

TYPE OF JOB surface CEMENT AMOUNT ORDERED 200 com 39cc 29.74

HOLE SIZE 12 1/4 TD. 300

CASING SIZE 8 5/8 2 1/4" DEPTH 300

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT 15'

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

DISPLACEMENT 18 bbl

EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER Robert Y.

# 409 HELPER Nathan D

BULK TRUCK \_\_\_\_\_

# 473 DRIVER Jesse C

BULK TRUCK \_\_\_\_\_

# \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS: \_\_\_\_\_

see log

Cement did circulate to surface

Thank you!!

CHARGE TO: Anderson Energy

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

To: Allied Oil & Gas Services, LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Parnell YOTT

SIGNATURE [Signature]

COMMON	<u>200</u>	@	<u>17.90</u>	<u>3580.00</u>
POZMIX		@		
GEL	<u>4</u>	@	<u>23.40</u>	<u>93.60</u>
CHLORIDE	<u>7</u>	@	<u>64.00</u>	<u>448.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>216,5758.50</u>	@	<u>2.48</u>	<u>537.16</u>
MILEAGE	<u>395.20</u>	<u>4/m</u>	<u>2.60</u>	<u>1027.52</u>
				TOTAL <u>5686.28</u>

SERVICE				
DEPTH OF JOB	<u>300</u>			
PUMP TRUCK CHARGE	<u>1512.25</u>			
EXTRA FOOTAGE		@		
MILEAGE	<u>40 HVMIZ x 2</u>	@	<u>7.70</u>	<u>616.00</u>
MANIFOLD		@		
<u>40 LVMT</u>		@	<u>4.40</u>	<u>176.00</u>
		@		
				TOTAL <u>2304.25</u>

PLUG & FLOAT EQUIPMENT				
		@		
		@		
		@		
		@		
		@		
				TOTAL _____

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 7990.53

DISCOUNT 1997.63 IF PAID IN 30 DAYS

net \$5992.90

# ALLIED OIL & GAS SERVICES, LLC 054975

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Russell, KS

DATE <u>1-29-14</u>	SEC. <u>17</u>	TWP. <u>14</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START <u>5:30AM</u>	JOB FINISH <u>6:00AM</u>
LEASE <u>Madden</u>	WELL# <u>1</u>	LOCATION <u>Ogallah Exit 85 2 1/2 E</u>			COUNTY <u>Trego</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>Sinto</u>					

CONTRACTOR Southwind #8  
 TYPE OF JOB PTA  
 HOLE SIZE 7 7/8 T.D. 4018  
 CASING SIZE DEPTH  
 TUBING SIZE DEPTH  
 DRILL PIPE 4 1/2 16.6 DEPTH 3925  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG.  
 PERFS.  
 DISPLACEMENT

OWNER

CEMENT

AMOUNT ORDERED 270 69/40 47 bagel 1/4 #5 16

EQUIPMENT

PUMP TRUCK CEMENTER Robert Y  
 # 409 HELPER Nathan D  
 BULK TRUCK  
 # 481 DRIVER Jesse C  
 BULK TRUCK  
 # DRIVER

COMMON	<u>162</u>	@	<u>17.90</u>	<u>2899.80</u>
POZMIX	<u>108</u>	@	<u>9.35</u>	<u>1009.80</u>
GEL	<u>9.29</u>	@	<u>23.40</u>	<u>217.39</u>
CHLORIDE		@		
ASC		@		
<u>Fl seal</u>	<u>68#</u>	@	<u>2.97</u>	<u>201.96</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>290.02</u> <u>\$/hr</u>	@	<u>2.48</u>	<u>719.24</u>
MILEAGE	<u>484.34</u> <u>1/m</u>	@	<u>2.60</u>	<u>1259.28</u>
TOTAL				<u>6307.47</u>

REMARKS:

see log

Thank you!!!

CHARGE TO: Anderson Energy  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB	<u>3925</u>		
PUMP TRUCK CHARGE	<u>2600.47</u>		
EXTRA FOOTAGE		@	
MILEAGE	<u>40 LVM I</u>	@	<u>4.40 176.00</u>
MANIFOLD		@	
<u>40 HVM I x 2</u>		@	<u>7.70 616</u>
		@	
TOTAL <u>3392.47</u>			

PLUG & FLOAT EQUIPMENT

<u>8 5/8 Wooden plug</u>	@	<u>110.00</u>	<u>110.00</u>
	@		
	@		
	@		
	@		
TOTAL <u>110.00</u>			

SALES TAX (if Any) \_\_\_\_\_

TOTAL CHARGES 9809.94

DISCOUNT 2424.99 IF PAID IN 30 DAYS

net \$ 7384.95

PRINTED NAME Darrell Yoff

SIGNATURE Darrell Yoff

To: Allied Oil & Gas Services, LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.