

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 30259
Name: Andy Werth dba Werth Exploration Trust
Address 1: 1308 Schwaller Avenue
Address 2: _____
City: Hays State: KS Zip: 67601 + _____
Contact Person: Andy Werth
Phone: (785) 625-3531
CONTRACTOR: License # 31548
Name: Discovery Drilling Co., Inc.
Wellsite Geologist: Jason T Alm

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
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

5/12/2012	5/18/2012	5/18/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 051-26,285-0000
Spot Description: _____
NW SE SW NW Sec. 13 Twp. 11 S. R. 20 East West
3,236 Feet from North / South Line of Section
4,510 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ellis
Lease Name: Walz RMI Well #: 1
Field Name: Big Thunder West
Producing Formation: None
Elevation: Ground: 1999 Kelly Bushing: 2007
Total Depth: 3640 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 221.99 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: 18,000 ppm Fluid volume: 400 bbls
Dewatering method used: Hauled Free Fluids
Location of fluid disposal if hauled offsite: _____
Operator Name: Blackhawk Production Company
Lease Name: Bull (SWD) License #: 32504
Quarter NW/4 Sec. 30 Twp. 14 S. R. 18 East West
County: Ellis Permit #: D-26,232

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INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Jason T Alm
Title: Agent / Geologist Date: 6/28/2012

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: DA DG Date: 7/5/12

Operator Name: Andy Werth dba Werth Exploration Trust Lease Name: Walz RMI Well #: 1
 Sec. 13 Twp. 11 S. R. 20 East West County: Ellis

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1392'</td> <td>+615</td> </tr> <tr> <td>Topeka</td> <td>3038'</td> <td>-1031</td> </tr> <tr> <td>Heebner</td> <td>3261'</td> <td>-1254</td> </tr> <tr> <td>Toronto</td> <td>3282'</td> <td>-1275</td> </tr> <tr> <td>Lansing</td> <td>3299'</td> <td>-1292</td> </tr> <tr> <td>Base Kansas City</td> <td>3524'</td> <td>-1517</td> </tr> <tr> <td>Arbuckle</td> <td>3624'</td> <td>-1617</td> </tr> </tbody> </table>	Name	Top	Datum	Anhydrite	1392'	+615	Topeka	3038'	-1031	Heebner	3261'	-1254	Toronto	3282'	-1275	Lansing	3299'	-1292	Base Kansas City	3524'	-1517	Arbuckle	3624'	-1617
Name	Top	Datum																							
Anhydrite	1392'	+615																							
Topeka	3038'	-1031																							
Heebner	3261'	-1254																							
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Lansing	3299'	-1292																							
Base Kansas City	3524'	-1517																							
Arbuckle	3624'	-1617																							

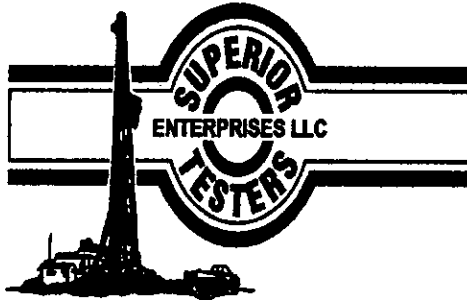
CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface Pipe	12 1/4 in.	8 5/8 in.	23#	222 ft.	Common	150	2%Gel, 3%CC

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				

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
		<div style="font-size: 2em; font-weight: bold; margin: 0;">RECEIVED</div> <div style="font-size: 1.5em; font-weight: bold; margin: 0;">JUL 02 2012</div> <div style="font-size: 1.5em; font-weight: bold; margin: 0;">KCC WICHITA</div>	

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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 (Explain) _____		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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DRILL STEM TEST REPORT

Prepared For: **Werth Exploration Trust**

1308 Schwaller Ave.
Hays, Kansas
67601

ATTN: Jason Alm

Walz RM#1

13/11S/20W Ellis Co.

Start Date: 2012.05.16 @ 05:53:00

End Date: 2012.05.16 @ 10:21:00

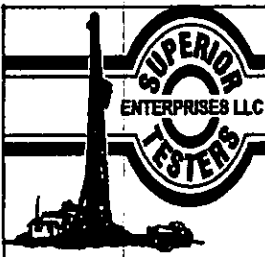
Job Ticket #: 17344 DST #: 2

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

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Printed: 2012.05.16 @ 20:34:40

Werth Exploration Trust 13/11S/20W Ellis Co. Walz RM#1 DST # 2 Lansing " E-F-G " Zo 2012.05.16



DRILL STEM TEST REPORT

Werth Exploration Trust
 1308 Schwaller Ave.
 Hays, Kansas
 67601
 ATTN: Jason Alm

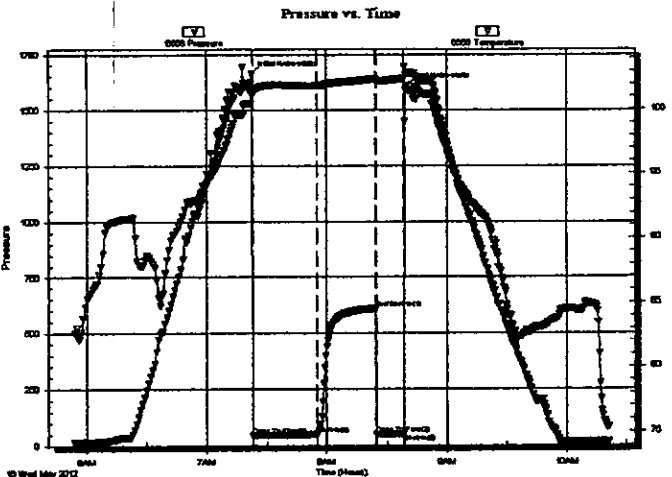
13/11S/20W Ellis Co.
 Walz RMI#1
 Job Ticket: 17344 DST#: 2
 Test Start: 2012.05.16 @ 05:53:00

GENERAL INFORMATION:

Formation: **Lansing "E-F-G" Zo**
 Deviated: **No Whipstock:** ft (KB)
 Test Type: **Conventional Bottom Hole (Initial)**
 Time Tool Opened: **07:23:00**
 Tester: **Dylan E Ellis**
 Time Test Ended: **10:21:00**
 Unit No: **3345/Hays/48**
 Interval: **3365.00 ft (KB) To 3405.00 ft (KB) (TVD)**
 Reference Elevations: **2007.00 ft (KB)**
Total Depth: **3405.00 ft (KB) (TVD)**
1999.00 ft (CF)
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
KB to GR/CF: **8.00 ft**

Serial #: 6666 **Inside**
 Press@RunDepth: **48.12 psia @ 3402.00 ft (KB)** Capacity: **5000.00 psia**
 Start Date: **2012.05.16** End Date: **2012.05.16** Last Calib.: **2012.05.16**
 Start Time: **05:53:00** End Time: **10:21:00** Time On Btrr: **2012.05.16 @ 07:22:30**
 Time Off Btrr: **2012.05.16 @ 08:40:00**

TEST COMMENT: 1ST Opening 30 Minutes very very weak blow/blow blew 0.25 inches into bucket of water
 1ST Shut-in 30 Minutes no blow back
 2ND Opening 15 Minutes 4 bubbles/ than it would just spit one here and there
 2ND Shut-in N/A N/A N/A N/A N/A N/A N/A N/A



PRESSURE SUMMARY

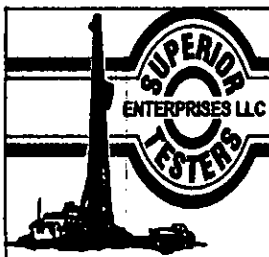
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1661.91	101.08	Initial Hydro-static
1	43.80	101.31	Open To Flow (1)
33	48.12	101.81	Shut-in(1)
62	609.92	102.34	End Shut-in(1)
63	48.86	102.20	Open To Flow (2)
76	50.75	102.37	Shut-in(2)
78	1607.35	102.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcfd)



DRILL STEM TEST REPORT

Werth Exploration Trust

13/11S/20W Ellis Co.

1308 Schwaller Ave.
Hays, Kansas
67601
ATTN: Jason Alm

Walz RMI#1

Job Ticket: 17344

DST#: 2

Test Start: 2012.05.16 @ 05:53:00

GENERAL INFORMATION:

Formation: Lansing "E-F-G" Zo

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:23:00

Time Test Ended: 10:21:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dylan E Ellis

Unit No: 3345/Hays/48

Interval: 3365.00 ft (KB) To 3405.00 ft (KB) (TVD)

Reference Elevations: 2007.00 ft (KB)

Total Depth: 3405.00 ft (KB) (TVD)

1999.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8419

Outside

Press@RunDepth: 621.96 psia @ 3401.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.05.16

End Date:

2012.05.16

Last Calib.: 2012.05.16

Start Time: 05:53:00

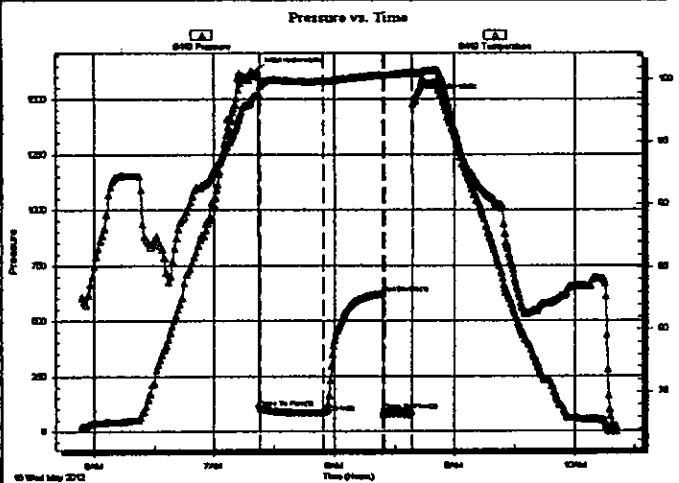
End Time:

10:20:30

Time On Btrc: 2012.05.16 @ 07:22:00

Time Off Btrc: 2012.05.16 @ 08:39:30

TEST COMMENT: 1ST Opening 30 Minutes very very weak blow/blow blew 0.25 inches into bucket of water
 1ST Shut-in 30 Minutes no blow back
 2ND Opening 15 Minutes 4 bubbles/ than it would just spit one here and there
 2ND Shut-in N/A N/A N/A N/A N/A N/A N/A N/A



PRESSURE SUMMARY

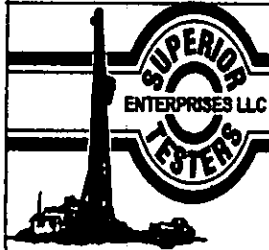
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1631.91	98.79	Initial Hydro-static
1	103.83	99.53	Open To Flow (1)
33	82.68	99.87	Shut-in(1)
62	621.96	100.41	End Shut-in(1)
63	94.10	100.39	Open To Flow (2)
77	89.22	100.59	Shut-in(2)
78	1507.91	100.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

Choke (Inches)	Pressure (psia)	Gas Rate (Mcft/d)



DRILL STEM TEST REPORT

TOOL DIAGRAM

Werth Exploration Trust
 1308 Schwaller Ave.
 Hays, Kansas
 67601
 ATTN: Jason Alm

13/11S/20W Ellis Co.
 Walz RMI#1
 Job Ticket: 17344 DST#: 2
 Test Start: 2012.05.16 @ 05:53:00

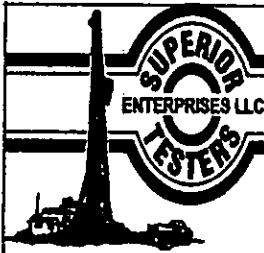
Tool Information

Drill Pipe:	Length: 3360.00 ft	Diameter: 3.80 inches	Volume: 47.13 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 26000.00 lb
			<u>Total Volume: 47.13 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3365.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	60.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Thank You for the work. Dylan

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3350.00	
Hydrolic Tool	5.00			3355.00	
Packer	5.00			3360.00	20.00 Bottom Of Top Packer
Packer	5.00			3365.00	
Anchor	35.00			3400.00	
Recorder	1.00	8419	Outside	3401.00	
Recorder	1.00	6666	Inside	3402.00	
Bull Plug	3.00			3405.00	40.00 Bottom Packers & Anchor

Total Tool Length: 60.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Werth Exploration Trust

13/11S/20W Ellis Co.

1308 Schwaller Ave.
Hays, Kansas
67601
ATTN: Jason Alm

Walz RMI#1

Job Ticket: 17344

DST#: 2

Test Start: 2012.05.16 @ 05:53:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 9.99 in³

Resistivity: ohm.m

Salinity: 20000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psia

Oil APT:

Water Salinity: deg APT

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl

Total Length: ft Total Volume: bbl

Num Fluid Samples: 0

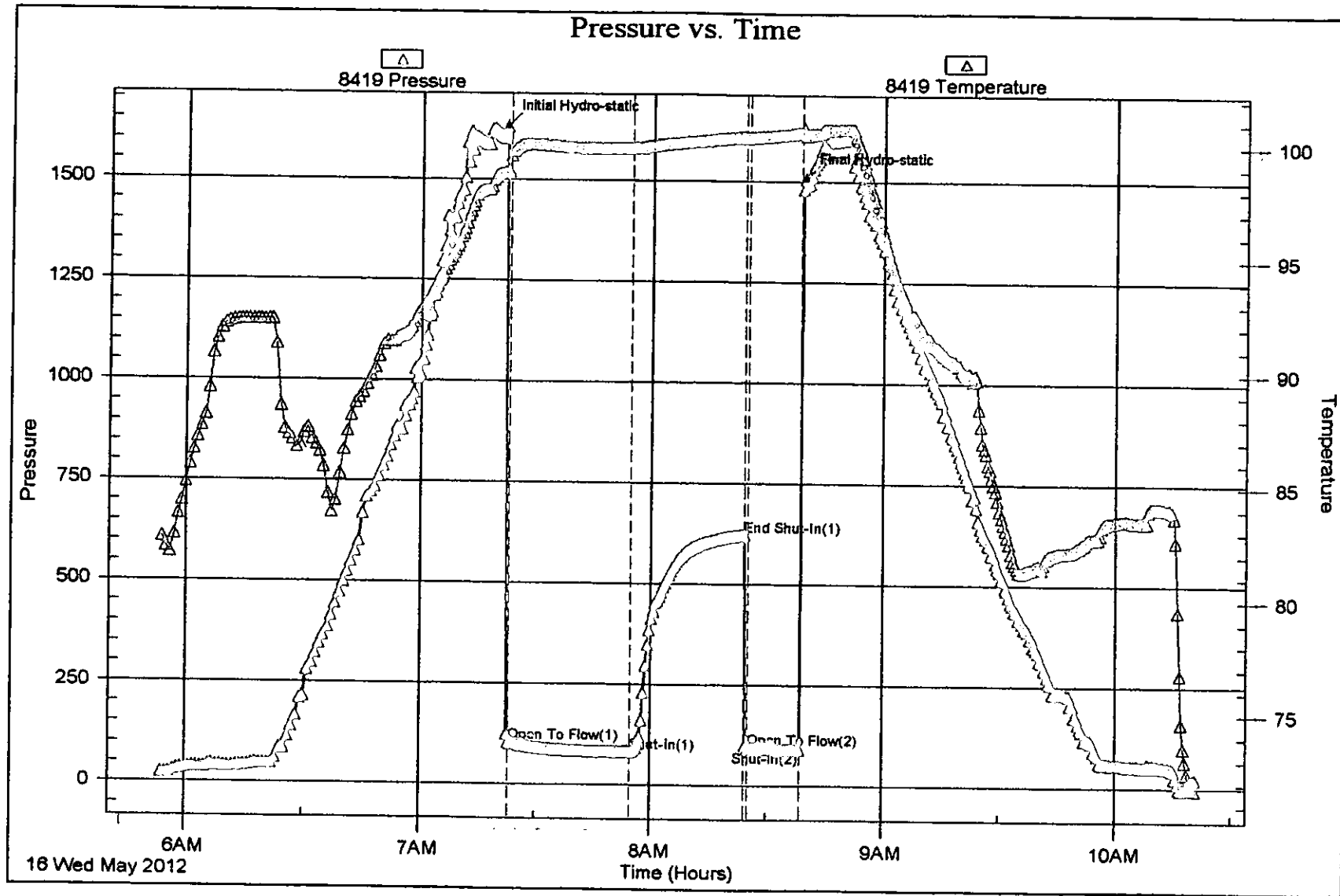
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Superior Testers Enterprises L.L.C.

P.O. Box 138, Great Bend, Kansas 67530

(800) 792-6902

Company WERTH Exploration Trust
 Address 1308 Schwaller Ave. Hays, Kansas 67601
 Lease & # Walz RMT #1 Sec. 13 Twp 11S Rng 20W
 Date 5-16-2012 County Ellis Elevation 1999 G.L. 2007 K.B.
 Drilling Contractor Discovery Drilling Rig #3
 Drill Pipe Length 33210 I.D. of Drill Pipe 3.80 Tool Joint Size 4 1/2 X H
 Drill Collar Length N/A I.D. of Drill Collars 2.25 Tool Joint Size 4 1/2 X H
 Mud Weight 87 Viscosity 50 Filtrate 7.6 Chlorides-Pits 800 DST 65,000
 Top Packer Depth 3312 Bottom Packer Depth 3317 Number of Packers 2
 Tested From 3317 to 3370 Total Depth 3370 Anchor Length 53'
 Test # 1 Formation Tested Lansing Kansas City "C-D" Zones Hole Size 7 7/8
 Initial Blow Weak Building Blow / Blow blew 6 inches into the bucket of water Blow back on the 1st Shut-in None
 Final Blow Very weak blow / Blow blew 1.50 inches into bucket of water Blow back on the 2nd Shut-in None
 Initial Hydrostatic 597 P.S.I. Final Hydrostatic 1583 P.S.I. Maximum Temp. — F

Initial Opening	<u>58</u> P.S.I. to <u>109</u> P.S.I.	from <u>4 : 50a</u> m to <u>5 : 25a</u> m	<u>45</u> minutes
Initial Shut-in	<u>670</u> P.S.I.	from <u>5 : 30a</u> m to <u>6 : 20a</u> m	<u>45</u> minutes
Final Opening	<u>83</u> P.S.I. to <u>95</u> P.S.I.	from <u>6 : 20a</u> m to <u>7 : 05a</u> m	<u>45</u> minutes
Final Shut-in	<u>623</u> P.S.I.	from <u>7 : 05a</u> m to <u>7 : 50a</u> m	<u>45</u> minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
<u>40'</u>	<u>Light Oil cut mud</u>		<u>5</u>	<u>95</u>	
<u>45'</u>	<u>Water with a skin of Oil on top</u>		<u>skin</u>		<u>100</u>
	<u>X Chlorides were 65,000</u>				
	<u>X Resistivity was .12 @ 79 degrees</u>				

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Total Feet Recovered 85' Recovery Chlorides 65,000 Rw. .12 ohms @ 79° Degrees
 Gravity of oil N/A Corrected Gas to Surface in 0 minutes into the pipe
 Max. Gas Gauged None MCF/day See Gas Flow Report Was a gas sample taken None
 Comments Thank you for the work!

Extra Equipment-Jars None Safety Joint None Circulating Sub None Straddle None
 Electronic Recorder No. 8419 Depth 3366 Extra Packer (3rd) None Hook Wall None
 Bottom Recorder No. 6666 Depth 3367 Extra Packer (4th) None Sampler None
 Tool Operator Dylan E. Ellis Approved By N/A

Ticket No. 17343



DRILL STEM TEST REPORT

Prepared For: **Werth Exploration Trust**

1308 Schwaller Ave.
Hays, Kansas
67601

ATTN: Jason Alm

Walz RM#1

13/11S/20W Ellis Co.

Start Date: 2012.05.16 @ 03:02:00

End Date: 2012.05.16 @ 00:00:00

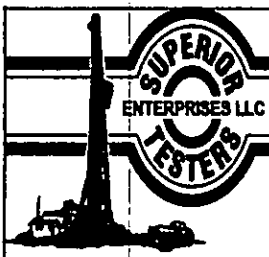
Job Ticket #: 17343 DST #: 1

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Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2012.05.16 @ 07:52:24

Werth Exploration Trust
13/11S/20W Ellis Co.
Walz RM#1
DST # 1
Lansing "C-D" Zone
2012.05.16



DRILL STEM TEST REPORT

TOOL DIAGRAM

Werth Exploration Trust
 1308 Schwaller Ave.
 Hays, Kansas
 67601
 ATTN: Jason Alm

13/11S/20W Ellis Co.
 Walz RMI#1
 Job Ticket: 17343 DST#: 1
 Test Start: 2012.05.16 @ 03:02:00

Tool Information

Drill Pipe:	Length: 3321.00 ft	Diameter: 3.80 inches	Volume: 46.58 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 48000.00 lb
			<u>Total Volume: 46.58 bbl</u>	Tool Chased 3.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3317.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.48 ft			
Tool Length:	72.48 ft			
Number of Packers:	2	Diameter: 6.75 inches		

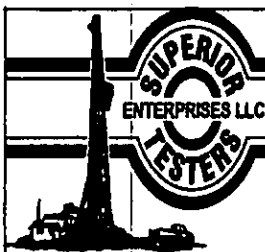
Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3302.00	
Hydrolic Tool	5.00			3307.00	
Packer	5.00			3312.00	20.00 Bottom Of Top Packer
Packer	5.00			3317.00	
Anchor	5.00			3322.00	
Change Over Sub	0.75			3322.75	
Drill Pipe	31.98			3354.73	
Change Over Sub	0.75			3355.48	
Anchor	9.00			3364.48	
Recorder	1.00	8419	Inside	3365.48	
Recorder	1.00	6666	Outside	3366.48	
Bull Plug	3.00			3369.48	52.48 Bottom Packers & Anchor

Total Tool Length: 72.48



DRILL STEM TEST REPORT

FLUID SUMMARY

Werth Exploration Trust
 1308 Schwaller Ave.
 Hays, Kansas
 67601
 ATTN: Jason Alm

13/11S/20W Ellis Co.
 Walz RMI#1
 Job Ticket: 17343 DST#: 1
 Test Start: 2012.05.16 @ 03:02:00

Mud and Cushion Information

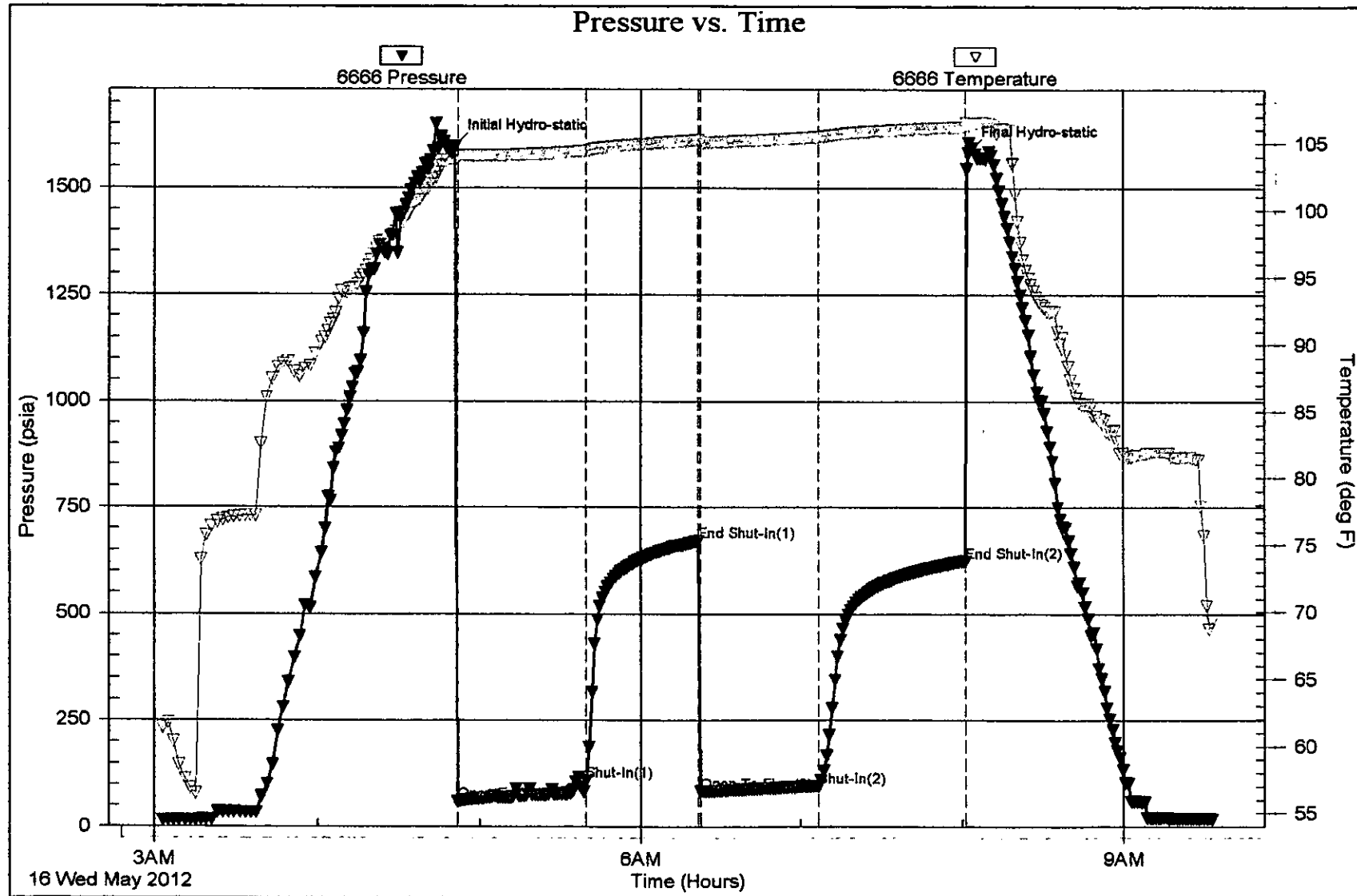
Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	50.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	7.60 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Salinity:	800.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	Light Oil cut Mud	0.561
0.00	5%Oil 95%Mud	0.000
45.00	Water with a light trace of Oil	0.631
0.00	Oil-skin Water	0.000
0.00	Chlorides were 65,000	0.000
0.00	Resistivity was .12 @ 79 degrees	0.000

Total Length: 85.00 ft Total Volume: 1.192 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:



Geological Report

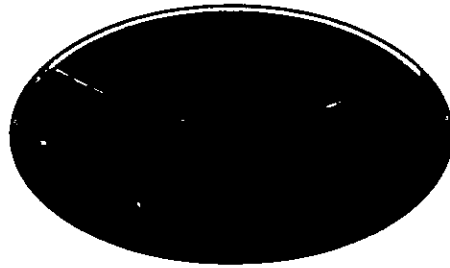
Werth Exploration Trust

Walz RMI #1

2044' FNL & 770' FWL

Sec. 13 T11s R20w

Ellis County, Kansas



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Werth Exploration Trust

General Data

Well Data: Werth Exploration Trust
Walz RMI #1
2044' FNL & 770' FWL
Sec. 13 T11s R20w
Ellis County, Kansas
API # 15-051-26285-0000

Drilling Contractor: Discovery Drilling Co. Inc. Rig #3

Geologist: Jason Alm

Spud Date: May 10, 2012

Completion Date: May 17, 2012

Elevation: 1999' Ground Level
2007' Kelly Bushing

Directions: Yocemento KS, North on Yocemento Rd. 12 mi. to Riverview, West 3 mi. on Riverview to 160 Ave, 1 mi. North on 160 Ave to Saline River Rd. ¾ mi. West on Saline River Rd. South into location thru cattle guard.

Casing: 221' 8 5/8" surface casing

Samples: 10' wet and dry, 3000' to RTD

Drilling Time: 2900' to RTD

Electric Logs: None

Drillstem Tests: Two, Superior Testers "Dylan Ellis"

Problems: None

Remarks: None

Formation Tops

Formation	Werth Exploration Trust Walz RMI #1 Sec. 13 T11s R20w 2044' FNL & 770' FWL
Anhydrite	1392', +615
Base	1432', +575
Topeka	3038', -1031
Heebner	3261', -1254
Toronto	3282', -1275
Lansing	3299', -1292
BKc	3524', -1517
Arbuckle	3624', -1617
RTD	3640', -1633

Significant Sample Zone Descriptions

LKc "C" zone	(3336', -1329') Covered in DST #1 Ls – Fine to medium crystalline, oolitic with poor oolitic and poor scattered inter-crystalline porosity, light to fair oil stain in porosity, show of free oil when broken, light odor, fair yellow fluorescents, friable.
LKc "D" zone	(3354', -1347') Covered in DST #1 Ls – Fine to sub-crystalline with pinpoint vuggy porosity, light spotted oil stain in porosity, slight show of free oil when broken, very light odor, dull to fair yellow fluorescents, slightly chalky.
LKc "F" zone	(3382', -1375') Covered in DST #2 Ls – Fine crystalline, oolitic with poor oolitic porosity, light scattered oil stain in porosity, slight show of free oil when broken, very light odor, very chalky.
Arbuckle	(3624', -1617): Not Tested Dolo – Fine sucrosic crystalline with poor inter-crystalline and vuggy porosity, barren, no odor.

Drill Stem Tests

Superior Testers
"Dylan Ellis"

DST #1

Lansing-Kansas City "C-D" zones

Interval (3317' - 3370') Anchor Length 53'

IHP - 1597 #	
IFP - 45" - Built to 6 in.	58-110 #
ISI - 45" - Dead	671 #
FFP - 45" - Built to 1.5 in.	83-95 #
FSI - 45" - Dead	623 #
FHP - 1583 #	
BHT - 106°F	

Recovery: 40' OCM 5% Oil
45' SOCMW

DST #2

Lansing-Kansas City "E-F-G" zones

Interval (3365' - 3405') Anchor Length 40'

IHP - 1662 #	
IFP - 30" - Built to ¼ in.	44-48 #
ISI - 30" - Dead	609 #
FFP - 15" - Dead	49-50 #
FHP - 1607 #	
BHT - 102°F	

Recovery: 15' Mud

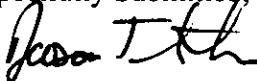
Structural Comparison

	Werth Exploration Trust Walz RMI #1 Sec. 13 T11s R20w 2044' FNL & 770' FWL	Hess Oil Co. Mixer #1 Sec. 13 T11s R20w 2970' FSL & 1500' FWL		Hess Oil Co. Schonthaler #1 Sec. 13 T11s R20w 2310' FSL & 1500' FWL	
Formation					
Anhydrite	1392', +615	1387', +625	(-10)	1376', +629	(-14)
Base	1432', +575	NA	NA	1424', +581	(-6)
Topeka	3038', -1031	3047', -1035	(+4)	3037', -1032	(+1)
Heebner	3261', -1254	3269', -1257	(+3)	3259', -1254	FL
Toronto	3282', -1275	NA	NA	NA	NA
Lansing	3299', -1292	3307', -1295	(+3)	3298', -1293	(+1)
BKc	3524', -1517	3530', -1518	(+1)	3521', -1516	(-1)
Arbuckle	3624', -1617	3623', -1611	(-6)	3618', -1613	(-4)

Summary

The location for the Walz RMI #1 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Two drill stem tests were conducted both of which were negative. After all gathered data had been examined the decision was made to plug and abandon the Walz RMI #1 well.

Respectfully Submitted,



Jason T Alm
Hard Rock Consulting, Inc.