



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1205305
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: _____

1205305

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method: Flowing Pumping Gas Lift 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)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	MMH 1-25
Doc ID	1205305

Tops

Name	Top	Datum
Anhydrite	1408	820
Heebner	3740	-1512
Lansing	3792	-1564
Base Kansas City	4140	-1912
Pawnee	4278	-2050
Ft. Scott	4304	-2076
Cherokee	4322	-2094
Mississippian	4391	-2163
TD	4401	-2173



DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399
Garden City, KS 67846

ATTN: Jason Alm

MMH #1-25

25-20s-21w Ness,KS

Start Date: 2014.04.02 @ 16:39:00

End Date: 2014.04.03 @ 03:11:00

Job Ticket #: 55380 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.04.04 @ 14:10:51

American Warrior, Inc.
25-20s-21w Ness,KS
MMH #1-25
DST # 1
Miss
2014.04.02



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior, Inc.

25-20s-21w Ness, KS

PO Box 399
Garden City, KS 67846

MMH #1-25

Job Ticket: 55380

DST#: 1

ATTN: Jason Alm

Test Start: 2014.04.02 @ 16:39:00

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:05:00

Time Test Ended: 03:11:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Phillip Gage

Unit No: 48

Interval: 4345.00 ft (KB) To 4396.00 ft (KB) (TVD)

Reference Elevations: 2228.00 ft (KB)

Total Depth: 4396.00 ft (KB) (TVD)

2222.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

Serial #: 8372 Inside

Press@RunDepth: 117.40 psig @ 4346.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.04.02

End Date:

2014.04.03

Last Calib.: 2014.04.03

Start Time: 16:39:01

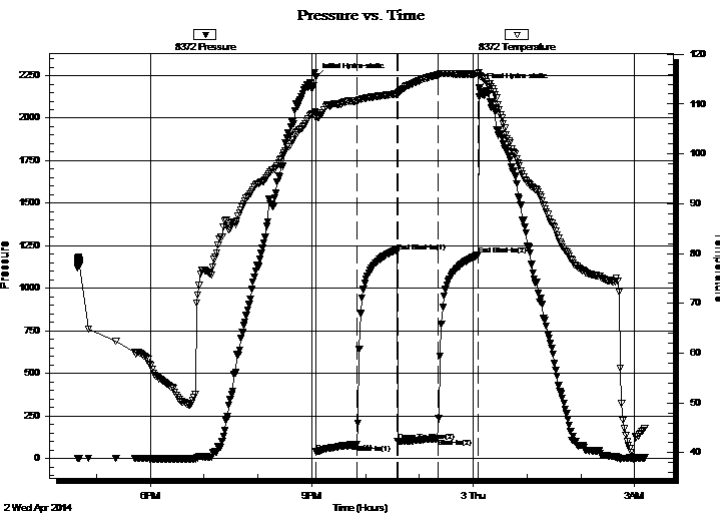
End Time:

03:11:00

Time On Btm: 2014.04.02 @ 21:04:30

Time Off Btm: 2014.04.03 @ 00:07:00

TEST COMMENT: IF-Built to 5 3/4"
IS-No Return
FF-Built to 4 1/4"
FS-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2240.61	108.24	Initial Hydro-static
1	38.20	107.23	Open To Flow (1)
46	82.93	110.61	Shut-In(1)
91	1213.83	112.03	End Shut-In(1)
91	100.72	111.89	Open To Flow (2)
136	117.40	115.87	Shut-In(2)
181	1195.91	116.08	End Shut-In(2)
183	2178.21	115.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	WM with oil spots, 10%w, 90%m	0.30
60.00	SOWCM, 5%o, 5%w, 90%m	0.30
63.00	SOCM, 5%o, 95%m	0.88
30.00	OM, 30%o, 70%m	0.42

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

25-20s-21w Ness, KS

PO Box 399
Garden City, KS 67846

MMH #1-25

Job Ticket: 55380

DST#: 1

ATTN: Jason Alm

Test Start: 2014.04.02 @ 16:39:00

Tool Information

Drill Pipe:	Length: 4221.00 ft	Diameter: 3.80 inches	Volume: 59.21 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 82000.00 lb
			<u>Total Volume: 59.80 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 61000.00 lb
Depth to Top Packer:	4345.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	51.00 ft			
Tool Length:	78.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4319.00	
Shut In Tool	5.00			4324.00	
Hydraulic tool	5.00			4329.00	
Jars	5.00			4334.00	
Safety Joint	2.00			4336.00	
Packer	5.00			4341.00	27.00 Bottom Of Top Packer
Packer	4.00			4345.00	
Blank Spacing	1.00			4346.00	
Recorder	0.00	8372	Inside	4346.00	
Recorder	0.00	8321	Outside	4346.00	
Perforations	14.00			4360.00	
Change Over Sub	1.00			4361.00	
Drill Pipe	31.00			4392.00	
Change Over Sub	1.00			4393.00	
Bullnose	3.00			4396.00	51.00 Bottom Packers & Anchor

Total Tool Length: 78.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

25-20s-21w Ness,KS

PO Box 399
Garden City, KS 67846

MMH #1-25

Job Ticket: 55380

DST#: 1

ATTN: Jason Alm

Test Start: 2014.04.02 @ 16:39:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 10.00 lb/gal
Viscosity: 56.00 sec/qt
Water Loss: 7.59 in³
Resistivity: ohm.m
Salinity: 5000.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	WM with oil spots, 10%w, 90%m	0.295
60.00	SOWCM, 5%o, 5%w, 90%m	0.295
63.00	SOCM, 5%o, 95%m	0.884
30.00	OM, 30%o, 70%m	0.421

Total Length: 213.00 ft Total Volume: 1.895 bbl

Num Fluid Samples: 0

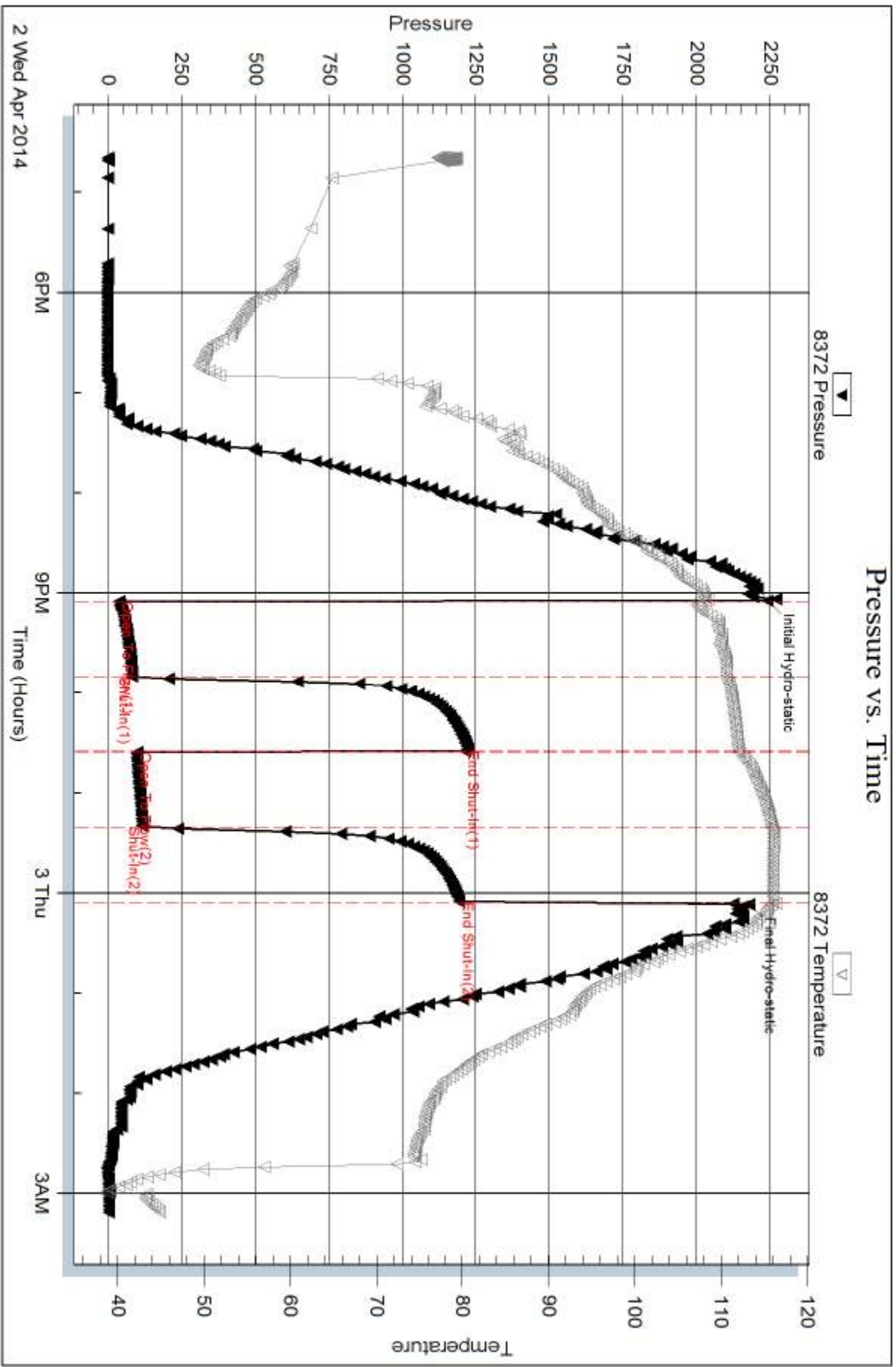
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

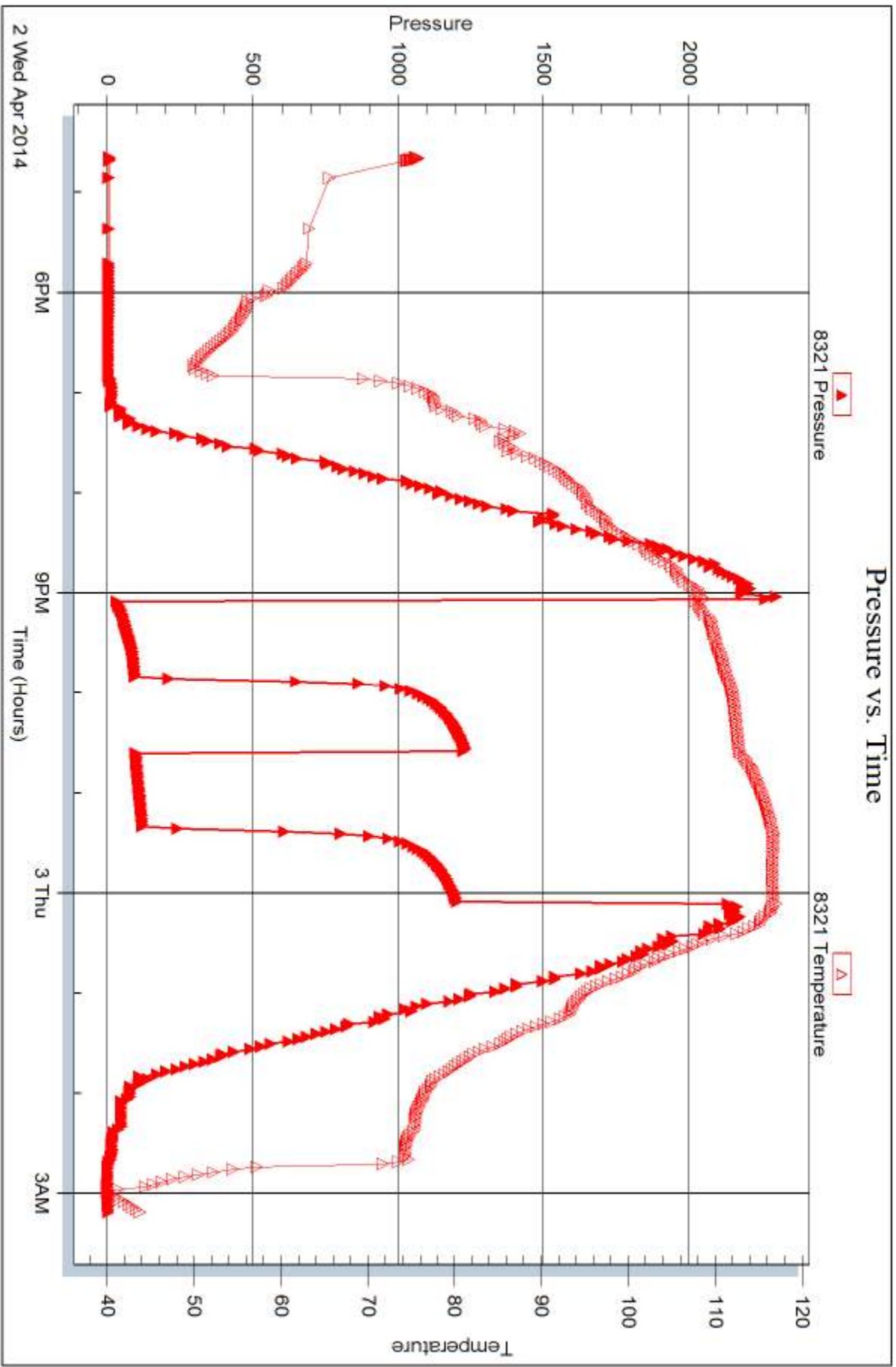


Serial #: 8321

Outside American Warrior, Inc.

MMH#1-25

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 55380

Printed: 2014.04.04 @ 14:10:53



DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399
Garden City, KS 67846

ATTN: Jason Alm

MMH #1-25

25-20s-21w Ness,KS

Start Date: 2014.04.03 @ 10:24:11

End Date: 2014.04.03 @ 19:52:41

Job Ticket #: 55381 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.04.04 @ 14:10:04



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior, Inc.

25-20s-21w Ness,KS

PO Box 399
Garden City, KS 67846

MMH #1-25

Job Ticket: 55381

DST#: 2

ATTN: Jason Alm

Test Start: 2014.04.03 @ 10:24:11

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:12:41

Time Test Ended: 19:52:41

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan L

Unit No: 48

Interval: 4394.00 ft (KB) To 4401.00 ft (KB) (TVD)

Reference Elevations: 2228.00 ft (KB)

Total Depth: 4401.00 ft (KB) (TVD)

2222.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

Serial #: 8372 Inside

Press@RunDepth: 122.11 psig @ 4395.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.04.03

End Date:

2014.04.03

Last Calib.: 2014.04.03

Start Time: 10:24:12

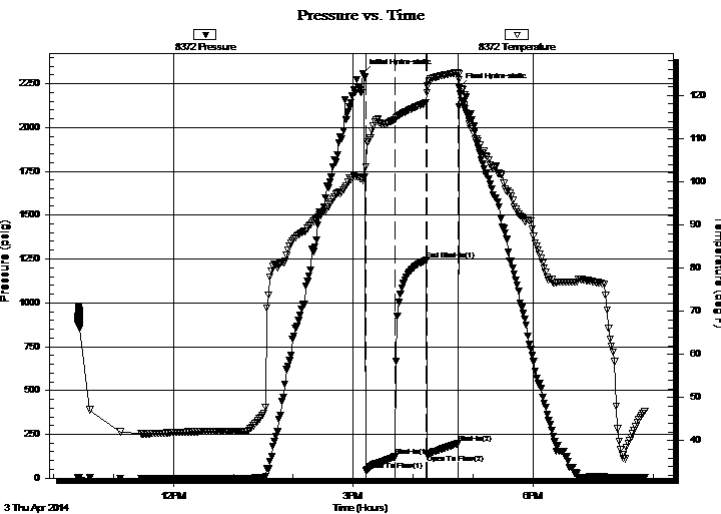
End Time:

19:52:41

Time On Btm: 2014.04.03 @ 15:09:41

Time Off Btm: 2014.04.03 @ 16:46:11

TEST COMMENT: 30- IF- BOB 16 mins
30- IS- Surface blow
30- FF- BOB 21 mins
30-FS- Pulled tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2308.73	100.31	Initial Hydro-static
3	43.09	103.42	Open To Flow (1)
32	122.11	114.36	Shut-In(1)
63	1242.36	118.27	End Shut-In(1)
64	138.45	120.64	Open To Flow (2)
96	197.45	125.33	Shut-In(2)
97	2228.89	123.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	O	0.05
400.00	MW, 30%M 70%W	4.62

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc.

25-20s-21w Ness, KS

PO Box 399
Garden City, KS 67846

MMH #1-25

Job Ticket: 55381

DST#: 2

ATTN: Jason Alm

Test Start: 2014.04.03 @ 10:24:11

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:12:41

Time Test Ended: 19:52:41

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan L

Unit No: 48

Interval: 4394.00 ft (KB) To 4401.00 ft (KB) (TVD)

Reference Elevations: 2228.00 ft (KB)

Total Depth: 4401.00 ft (KB) (TVD)

2222.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

Serial #: 8321 Outside

Press@RunDepth: psig @ 4395.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.04.03

End Date:

2014.04.03

Last Calib.:

2014.04.03

Start Time: 10:23:51

End Time:

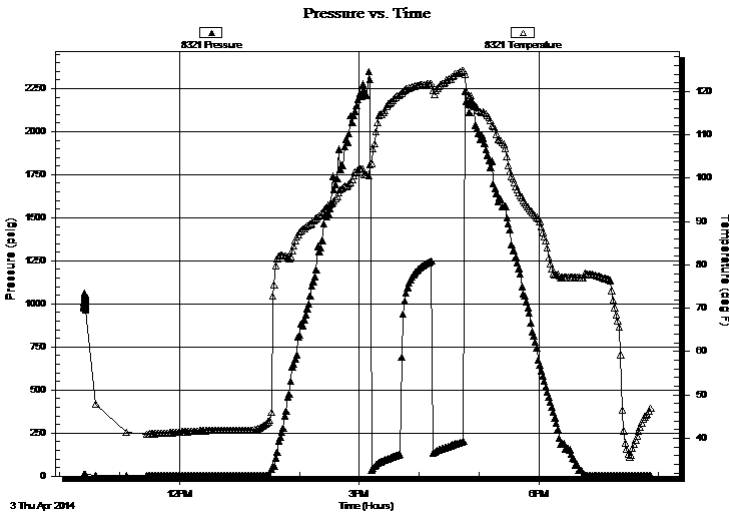
19:52:20

Time On Btm:

Time Off Btm:

TEST COMMENT: 30- IF- BOB 16 mins
30- IS- Surface blow
30- FF- BOB 21 mins
30-FS- Pulled tool

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
10.00	O	0.05
400.00	MW, 30%M 70%W	4.62

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

25-20s-21w Ness, KS

PO Box 399
Garden City, KS 67846

MMH #1-25

Job Ticket: 55381

DST#: 2

ATTN: Jason Alm

Test Start: 2014.04.03 @ 10:24:11

Tool Information

Drill Pipe:	Length: 4254.00 ft	Diameter: 3.80 inches	Volume: 59.67 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 119.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 60.26 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 61000.00 lb
Depth to Top Packer:	4394.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	7.00 ft			
Tool Length:	34.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4368.00	
Shut In Tool	5.00			4373.00	
Hydraulic tool	5.00			4378.00	
Jars	5.00			4383.00	
Safety Joint	2.00			4385.00	
Packer	5.00			4390.00	27.00 Bottom Of Top Packer
Packer	4.00			4394.00	
Stubb	1.00			4395.00	
Recorder	0.00	8372	Inside	4395.00	
Recorder	0.00	8321	Outside	4395.00	
Perforations	3.00			4398.00	
Bullnose	3.00			4401.00	7.00 Bottom Packers & Anchor

Total Tool Length: 34.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

25-20s-21w Ness, KS

PO Box 399
Garden City, KS 67846

MMH #1-25

Job Ticket: 55381

DST#: 2

ATTN: Jason Alm

Test Start: 2014.04.03 @ 10:24:11

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 59.00 sec/qt

Water Loss: 7.99 in³

Resistivity: ohm.m

Salinity: 6400.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	O	0.049
400.00	MW, 30%M 70%W	4.618

Total Length: 410.00 ft Total Volume: 4.667 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

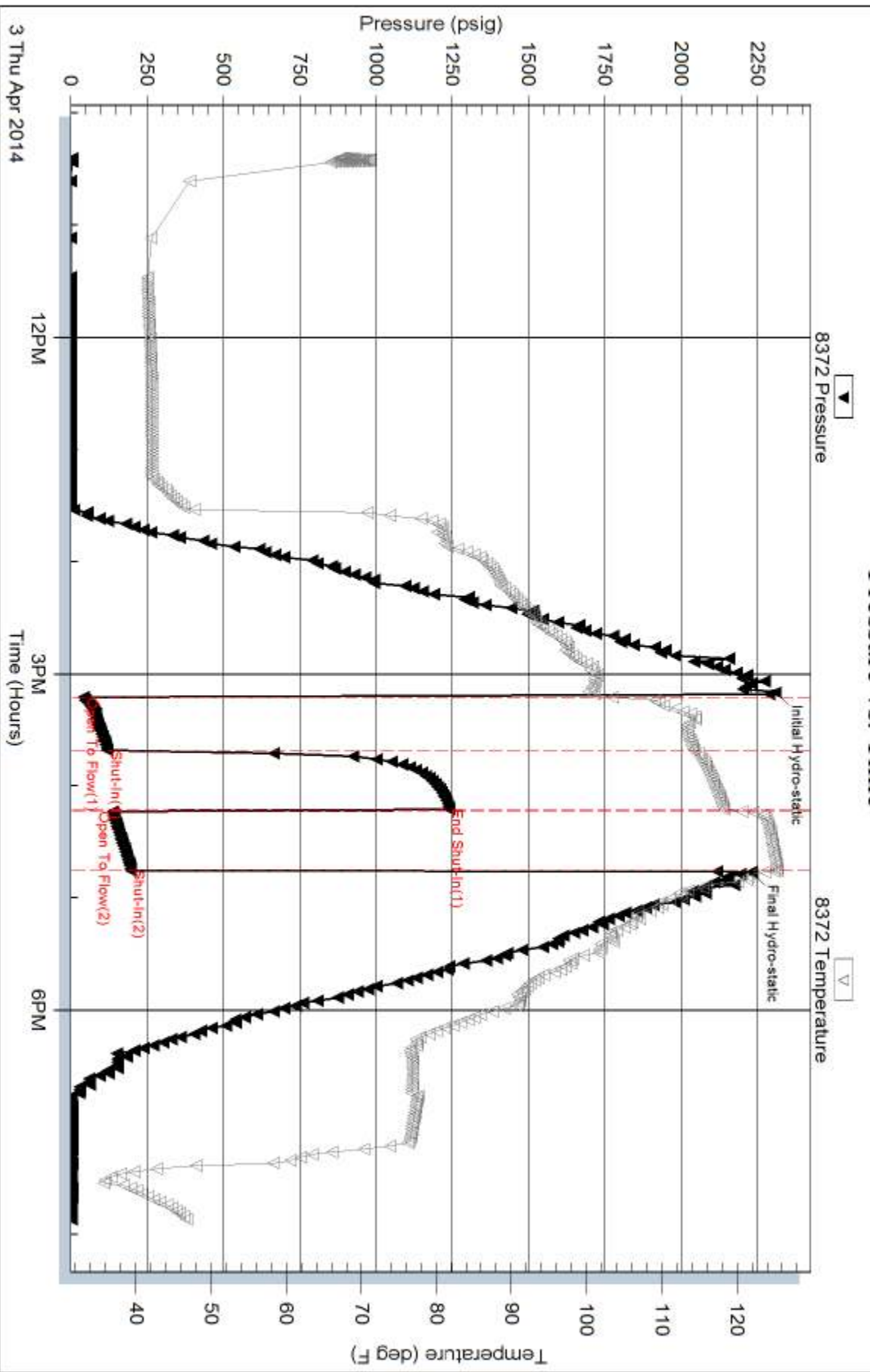
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

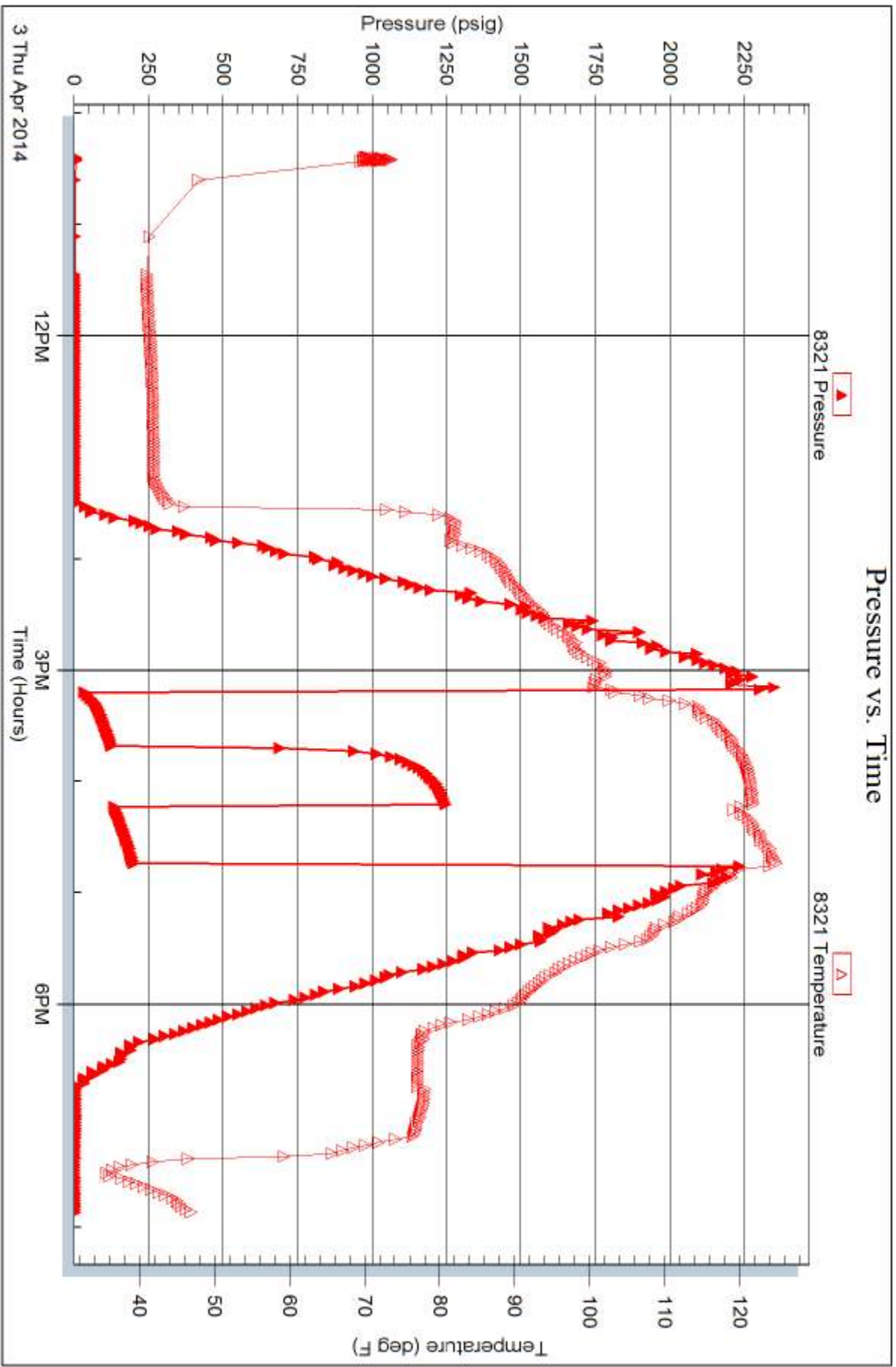


Serial #: 8321

Outside American Warrior, Inc.

MMH#1-25

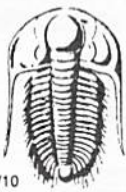
DST Test Number: 2



Tribble Testing, Inc

Ref. No: 55381

Printed: 2014.04.04 @ 14:10:07



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **55380**

Well Name & No. MMH # 1-25 Test No. 1 Date 4-2-14
 Company American Warrior, Inc Elevation 2228 KB 2222 GL
 Address 3118 Cummings RD, P.O. Box 399, Garden City, KS 67846
 Co. Rep / Geo. Jason Alm Rig Petromark #1
 Location: Sec. 25 Twp. 20 S Rge. 21 W Co. Ness State KS

Interval Tested 4345-4396 Zone Tested Miss
 Anchor Length 51 Drill Pipe Run 4221 Mud Wt. 9.5
 Top Packer Depth 4340 Drill Collars Run 120 Vis 56
 Bottom Packer Depth 4345 Wt. Pipe Run 0 WL 7.6
 Total Depth 4396 Chlorides 5,000 ppm System LCM 0

Blow Description IF - Built to 5 3/4"
ISI - No Return
FF - Built to 4 1/4"
FST - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>WM with oil spots</u>			<u>10</u>	<u>90</u>
<u>60</u>	<u>SOWM</u>		<u>5</u>	<u>5</u>	<u>90</u>
<u>63</u>	<u>SOM</u>		<u>5</u>		<u>95</u>
<u>30</u>	<u>OM</u>		<u>30</u>		<u>70</u>

Rec Total 213 BHT 116 Gravity — API RW — °F Chlorides — ppm

(A) Initial Hydrostatic 2240 Test 1250 T-On Location 16:15
 (B) First Initial Flow 38 Jars 250 T-Started 16:39
 (C) First Final Flow 82 Safety Joint 75 T-Open 21:05
 (D) Initial Shut-In 1213 Circ Sub _____ T-Pulled 00:05
 (E) Second Initial Flow 106 Hourly Standby _____ T-Out 03:11
 (F) Second Final Flow 117 Mileage 126 RT 195.30
 (G) Final Shut-In 1195 Sampler _____
 (H) Final Hydrostatic 2178 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

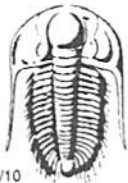
Sub Total 1770.30

MP/DST Disc't _____

Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45

Approved By _____ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of 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 statements or opinion concerning the results 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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 55381

Well Name & No. MMH #1-25 Test No. 2 Date 4-3-14
 Company American Warrior, Inc Elevation 2228 KB 2222 GL
 Address 3118 Cummings RD, P.O. Box 349, Garden City, KS 67846
 Co. Rep / Geo. Jason Alm Rig Petromark #1
 Location: Sec. 25 Twp. 20S Rge. 21W Co. Ness State KS

Interval Tested 4394-4401 Zone Tested MISS
 Anchor Length 7' Drill Pipe Run 4254 Mud Wt. 9.2
 Top Packer Depth 4389 Drill Collars Run 119 Vis 59
 Bottom Packer Depth 4394 Wt. Pipe Run --- WL 8.0
 Total Depth 4401 Chlorides 6,400 ppm System LCM ---

Blow Description IF-BOB 16 mms
ISI-Surface Blow
FF-BOB 21 mms
FSI-Pulled tool

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>0</u>				
<u>400</u>	<u>MW</u>			<u>70%</u>	<u>30%</u>

Rec Total 410' BHT 125° Gravity --- API RW --- @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic 2309 Test 1250 T-On Location 0945
 (B) First Initial Flow 43 Jars 250 T-Started 1024
 (C) First Final Flow 122 Safety Joint 75 T-Open 1513
 (D) Initial Shut-In 1242 Circ Sub --- T-Pulled ~~1713~~ 1643
 (E) Second Initial Flow 138 Hourly Standby --- T-Out 1953
 (F) Second Final Flow 197 Mileage 126 RT 195.30 Comments Pulled tool after
 (G) Final Shut-In --- Sampler --- FF per geo's request
 (H) Final Hydrostatic 2229 Straddle --- Ruined Shale Packer ---

Initial Open 30 Shale Packer --- Ruined Packer ---
 Initial Shut-In 30 Extra Packer --- Extra Copies ---
 Final Flow 30 Extra Recorder --- Sub Total 0
 Final Shut-In Pulled tool Day Standby --- Total 1770.30
 Accessibility --- MP/DST Disc't ---

Sub Total 1770.30

Approved By _____ Our Representative Braman L

Trilobite Testing Inc. shall not be liable for damaged of any kind of 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 statements or opinion concerning the results 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.

ALLIED OIL & GAS SERVICES, LLC 062884

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Great Bend

DATE <u>3-27-14</u>	SEC <u>25</u>	TWP. <u>20</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START <u>1A m</u>	JOB FINISH <u>1:30 A.M.</u>
LEASE <u>WAF</u>	WELL # <u>1-25</u>	LOCATION <u>East portion of HH rd - S1030rd</u>			COUNTY	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>Sec 25, Twp 20, Range 21</u>			

CONTRACTOR Petromark 1
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D.
 CASING SIZE 8 1/2 DEPTH 222.15
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15 ft
 PERFS.
 DISPLACEMENT 13.19 bbl fresh water

OWNER
 CEMENT
 AMOUNT ORDERED 150 sks Class A 3%cc 2% gel

EQUIPMENT
 PUMP TRUCK CEMENTER Joel Logan
 # 366 HELPER Bill Maxwell
 BULK TRUCK
 # 604-230 DRIVER Markus S. Humphrey
 BULK TRUCK
 # DRIVER

COMMON @
 POZMIX @
 GEL @
 CHLORIDE @
 ASC @
 HANDLING @
 MILEAGE @
 TOTAL

REMARKS:
On location - Rig up - hole setting meeting
Run 8 1/2 casing - break circulation plug and
plug 5 bbl fresh water
via 150 sks class A 3%cc 2% gel
Displace 13.19 bbl fresh water
Shut in 1:15 AM
Cement did circulate
Rig down

CHARGE TO: American Warrior
 STREET
 CITY STATE ZIP

SERVICE
 DEPTH OF JOB
 PUMP TRUCK CHARGE
 EXTRA FOOTAGE @
 MILEAGE @
 MANIFOLD @
 TOTAL

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.

PLUG & FLOAT EQUIPMENT
 @
 @
 @
 @
 @
 TOTAL

PRINTED NAME X Zach Ditttrick
 SIGNATURE X Zach Ditttrick

SALES TAX (If Any)
 TOTAL CHARGES
 DISCOUNT IF PAID IN 30 DAYS

Date 11-22-11 District Eastwood Ticket No. 62884
 Company Ward Rig 2222222
 Lease _____ Well No. _____
 County _____ State KS
 Location 2 Basin - 30nd 7c Field _____
45 miles

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 8 7/8 Type MC Weight 2 # Collar 3rd

CEMENT DATA:
 Spacer Type: _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG _____

LEAD: Pump Time Time hrs. Type CLASS A 3800
291 gal Excess _____
 Amt. 150 Skys Yield 1.34 ft³/sk Density 15.12 PPG _____
 TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG _____
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Casing Depths: Top _____ Bottom 272.13

Pump Trucks Used 566 - Ben Mc-ell
 Bulk Equip. plenty - pa. delivery

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Fresh water Amt. _____ Bbls. Weight _____ PPG _____
 Mud Type Water Weight _____ PPG _____

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.637 Lin. ft./Bbl. 15.70
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE _____

CEMENTER Mike Moore

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
<u>0600 pm</u>						<u>On location - Rig up - had setting, meeting</u>
						<u>Run 8 7/8 casing</u>
						<u>Back in work w/ rig, mud</u>
<u>1245 AM</u>						<u> pump 566 fresh water</u>
			<u>29.25</u>	<u>3.05</u>		<u>plus 150 sks class A 3800 29 gal</u>
			<u>11.14</u>	<u>1.34</u>		<u>displace 13.19 w/ fresh water</u>
<u>1115 AM</u>						<u>Shut in</u>
						<u>Cement did concrete</u>
						<u>Rig down</u>

ALLIED OIL & GAS SERVICES, LLC 062889

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Greenville

DATE <u>4-4-14</u>	SEC <u>25</u>	TWP. <u>20</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START <u>3:30am</u>	JOB FINISH <u>4:30am</u>
LEASE <u>mmjll</u>	WELL # <u>1-25</u>	LOCATION <u>East Bazette + H.H. - 5103rd</u>			COUNTY <u>Miss</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)			<u>E + 380 Rd - 160th - Wint</u>				

CONTRACTOR Peromack 1
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 7/8 T.D.
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH 1440
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. All
 PERFS. _____
 DISPLACEMENT Freshwater

OWNER _____
 CEMENT AMOUNT ORDERED 230 60/40 450g/l
1/4 Flt
 COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 ASC _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____ @ _____

EQUIPMENT
 PUMP TRUCK CEMENTER Josh Isaac
 # 360 HELPER Ben Newell
 BULK TRUCK
 # 610-170 DRIVER Brian Long
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:
Installation - Rig up and setting, meeting
Run 4 1/2 drill pipe - fill hole w/ rig mud
#1 - 1440m - 50SK
#2 - 700 - 20 RH - 30SK
#3 - 270 - 50
#4 - 60 - 20
Plug down 4:30am - Rig down

CHARGE TO: American Warrior
 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 X Kenneth Bane
 SIGNATURE X Kenneth Bane
Thank you!

TOTAL _____
 SERVICE
 DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE _____ @ _____
 MANIFOLD _____ @ _____
 _____ @ _____

TOTAL _____
 PLUG & FLOAT EQUIPMENT
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL _____

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

Date 4-21-11 District Greenwood Ticket No. 62889
 Company American Leasing Rig Atromark 1
 Lease MNH Well No. 1-25
 County Miss State KS
 Location E Basin + Allied st 2nd Field _____
E 1 1/2 rd 5-1/2 in width

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size _____ Type _____ Weight _____ Collar _____

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: Fresh water
 Amt. 550 Sks Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time Thicken time hrs. Type 60/100 40/100
14.21 Excess _____
 Amt. 230 Sks Yield 1.41 ft³/sk Density 141.5 PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls

Pump Trucks Used 966-Beaumont
 Bulk Equip. 110-170 - B. G. A. Larry

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Fresh water Amt. _____ Bbls. Weight _____ PPG
 Mud Type Native Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER Josh Isaac

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
1:30 AM						on location - rig up
						read safety, mixing
						Run 4 1/2 drill pipe
						fill hole w/ rig mud
2:00 AM						#1 - 1440 ft - 50 SKS
2:35 AM						#2 - 700 - 80
3:15						#3 - 270 - 50
4:00						#4 - 60 - 20
4:15						#5 - 30 SKS
4:30 AM						plug down
						Rig down

Geological Report

American Warrior, Inc.

MMH #1-25

2170' FNL & 590' FEL

Sec. 25 T20s R21w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
MMH #1-25
2170' FNL & 590' FEL
Sec. 25 T20s R21w
Ness County, Kansas
API # 15-135-25745-0000

Drilling Contractor: Petromark Drilling, LLC. Rig #1

Geologist: Jason T Alm

Spud Date: March 27, 2014

Completion Date: April 4, 2014

Elevation: 2222' Ground Level
2228' Kelly Bushing

Directions: Bazine KS, 4 mi East on Hwy 96 to the HH Rd. 10 mi. South to 30 Rd. East 2 mi. to County Line Rd. 1 ½ mi. South, West into location.

Casing: 222' 8 5/8" surface casing

Samples: 10' wet and dry, 4000' to RTD

Drilling Time: 3700' to RTD

Electric Logs: None

Drillstem Tests: Two, Trilobite Testing, Inc. "Phillip Gage, Brannan Lonsdale"

Problems: DST #2 was pulled early due to a lack of time.

Remarks: None

Formation Tops

	American Warrior, Inc.
	MMH #1-25
	Sec. 25 T20s R21w
	2170' FNL & 590' FEL
Formation	
Anhydrite	1408', +820
Base	1437', +791
Heebner	3740', -1512
Lansing	3792', -1564
BKc	4140', -1912
Pawnee	4278', -2050
Fort Scott	4304', -2076
Cherokee	4322', -2094
Mississippian	4391', -2163
RTD	4401', -2173

Sample Zone Descriptions

Mississippian Osage (4391', -2163): Covered in DST #1,2

Δ – White to Clear, angular in part. Mostly fresh with scatted good vuggy porosity, light to fair spotted oil stain in porosity, slight show of free oil, light odor, dull scattered fluorescents. 10 units hotwire.

Drill Stem Tests
Trilobite Testing, Inc.
“Phillip Gage, Brannan Lonsdale”

DST #1

Mississippian Osage

Interval (4345' – 4396') Anchor Length 51'

IHP	– 2241 #	
IFP	– 45" – Built to 5 ¾ in.	38-93 #
ISI	– 45" – Dead	1214 #
FFP	– 45" – Built to 4 ¼ in.	100-117 #
FSI	– 45" – Dead	1196 #
FHP	– 2178 #	
BHT	– 116°F	

Recovery:	30' OCM	30% Oil
	63' SOCM	5% Oil
	60' SOWCM	5% Oil, 5% Water
	60' WCM	10% Water

DST #2

Mississippian Osage

Interval (4394' – 4401') Anchor Length 7'

IHP	– 2260 #	
IFP	– 30" – B.O.B. 16 min.	43-122 #
ISI	– 30" – W.S.B.	1242 #
FFP	– 30" – B.O.B. 21 min.	138-197 #
FHP	– 2229 #	
BHT	– 125°F	

Recovery:	10' CO	
	400' MW	70% Water

Structural Comparison

	American Warrior, Inc. MMH #1-25 Sec. 25 T20s R21w 2170' FNL & 590' FEL	D R Lauck Oil Co. Inc. Martin #1 Sec. 25 T20s R21w C NE NE		Cities Service Oil Co. Martin C #1 Sec. 25 T20s R21w C NW SE	
Formation					
Anhydrite	1408', +820	NA	NA	NA	NA
Base	1437', +791	NA	NA	NA	NA
Heebner	3740', -1512	3716', -1510	(-2)	3743', -1504	(-8)
Lansing	3792', -1564	3768', -1562	(-2)	3792', -1553	(-11)
BKc	4140', -1912	NA	NA	NA	NA
Pawnee	4278', -2050	NA	NA	NA	NA
Fort Scott	4304', -2076	4282', -2076	FL	4298', -2059	(-17)
Cherokee	4322', -2094	4295', -2089	(-5)	4320', -2081	(-13)
Mississippian	4391', -2163	4347', -2141	(-22)	4356', -2117	(-46)

Summary

The location for the MMH #1-25 was found via 3-D seismic survey. The new well ran structurally as expected via the survey on all datums except for the Mississippian. Two Drill Stem Tests were conducted, both were negative. After all gathered data had been examined the decision was made to plug and abandon the MMH #1-25 well.

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.



Geologic Report

Drilling Time and Sample Log

Operator American Warrior, Inc. Elevation 2228'

Lease MMH No. 1-25 Surface 8 5/8" @ 222'

API # 15-135-25745-0000 Production None

Field Steffen Northwest Electrical Surveys None

Location 2170' FNL & 590' FEL

Sec. 25 Twp. 20s Rge. 21w

County Ness State Kansas

Formation Log Tops Sample Tops Struct Comp

Anhydrite Base 1408' +820 1437' +791

Heebner 3740' -1512 -2

Lansing 3792' -1564 -2

BKc 4140' -1912

Pawnee 4278' -2050

Fort Scott 4304' -2076 FL

Cherokee 4322' -2094 -5

Mississippian 4391' -2163 -22

Total Depth 4401' -2173

Reference Well For Structural Comparison D R Lauck Oil Co. Inc. Martin #1 C NE NE Sec. 25 T20s R21w Ness Co. Kansas

Drilling Contractor Petromark Drilling, LLC. Rig #1
Commenced 3-27-2014 Completed 4-4-2014
Samples Saved From 4000' To RTD
Drilling Time Kept From 3700' To RTD
Samples Examined From 4000' To RTD
Geological Supervision From 4000' To RTD

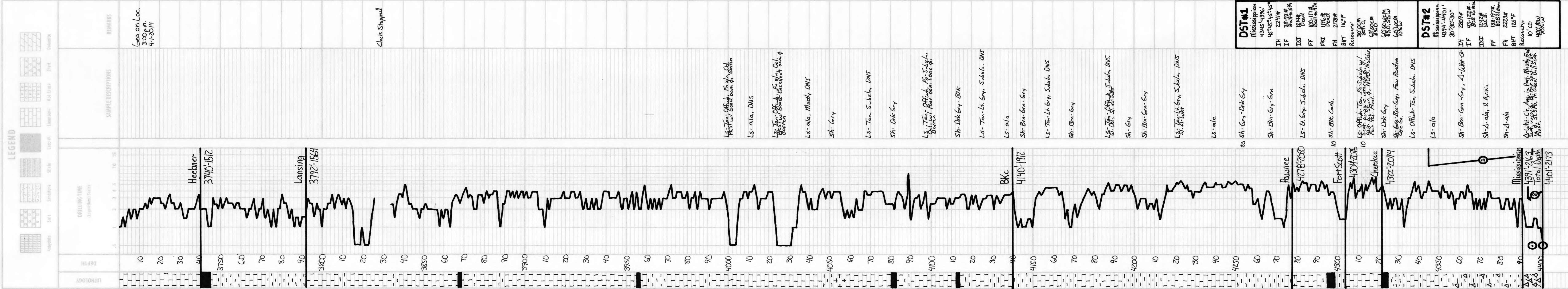
Displacement 3600' Mud Type Chemical

Summary and Recommendations

The location for the MMH #1-25 was found via 3-D seismic survey. The new well ran structurally as expected on all datums except for the Mississippian. 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 MMH #1-25 well.

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.



Respectfully Submitted, Jason T Alm 4-8-2014