



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1251727
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: _____



1251727

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: Yes 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 <i>(Explain)</i> _____			
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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Wiedeman 2-20
Doc ID	1251727

All Electric Logs Run

Dual Induction
Dual Compensated Porosity
Computer Processed
Dual Receiver Cement Bond

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Wiedeman 2-20
Doc ID	1251727

Tops

Name	Top	Datum
Anhydrite	1512	781
Heebner	3781	-1488
Lansing	3826	-1533
Base Kansas City	4158	-1865
Pawnee	4248	-1955
Ft. Scott	4322	-2029
Cherokee	4340	-2047
Mississippian	4422	-2129
TD	4429	-2138



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City, KS 67846

ATTN: Marc Downing

Wiedeman #2-20

20-19s-21w Ness,KS

Start Date: 2015.04.11 @ 18:52:00

End Date: 2015.04.12 @ 02:48:15

Job Ticket #: 62424 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.04.13 @ 14:31:44



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City, KS 67846
 ATTN: Marc Downing

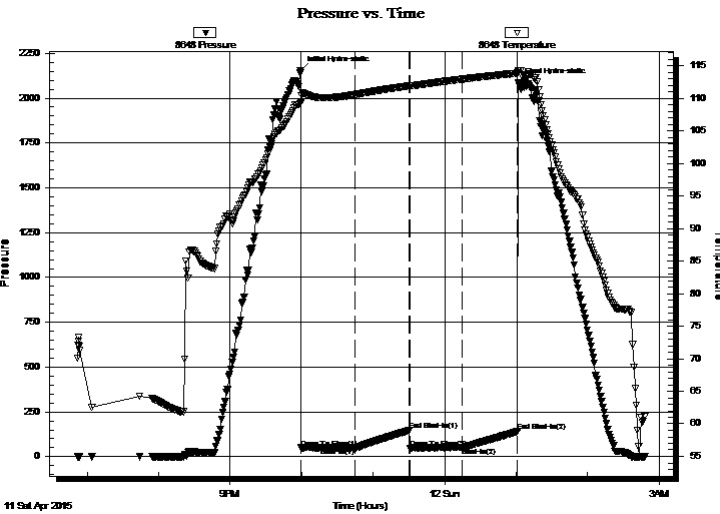
20-19s-21w Ness, KS
Wiedeman #2-20
 Job Ticket: 62424 **DST#: 1**
 Test Start: 2015.04.11 @ 18:52:00

GENERAL INFORMATION:

Formation: **Ft. Scott**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:59:15
 Time Test Ended: 02:48:15
 Interval: **4292.00 ft (KB) To 4346.00 ft (KB) (TVD)**
 Total Depth: 4346.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Cody Bloedorn
 Unit No: 73
 Reference Elevations: 2303.00 ft (KB)
 2295.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8648 Inside
 Press@RunDepth: 52.13 psig @ 4329.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.04.11 End Date: 2015.04.12 Last Calib.: 2015.04.12
 Start Time: 18:52:05 End Time: 02:48:14 Time On Btm: 2015.04.11 @ 21:59:00
 Time Off Btm: 2015.04.12 @ 01:01:45

TEST COMMENT: 45 - IF- 3.75" blow
 45 - IS- No return
 45 - FF- 2.5" blow
 45 - FS- No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2154.68	109.48	Initial Hydro-static
1	50.06	109.36	Open To Flow (1)
46	49.95	110.57	Shut-In(1)
92	146.49	111.89	End Shut-In(1)
92	44.80	111.87	Open To Flow (2)
136	52.13	112.94	Shut-In(2)
183	140.86	113.86	End Shut-In(2)
183	2086.05	114.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud - Oil spots, 100%M	0.15

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City, KS 67846
 ATTN: Marc Downing

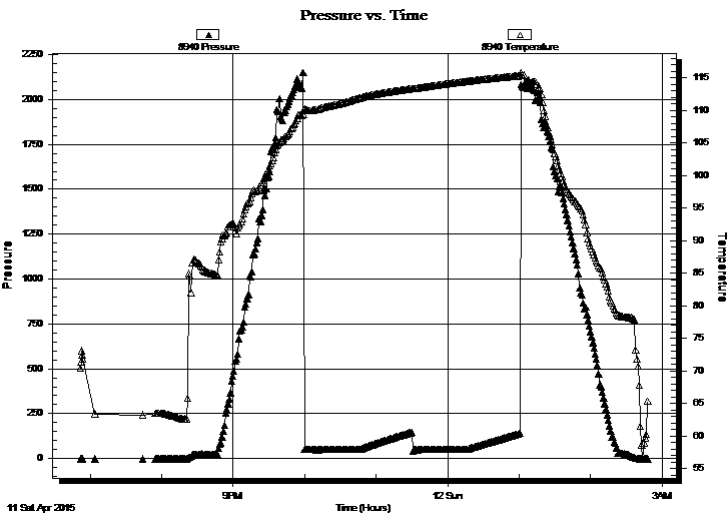
20-19s-21w Ness, KS
Wiedeman #2-20
 Job Ticket: 62424 **DST#: 1**
 Test Start: 2015.04.11 @ 18:52:00

GENERAL INFORMATION:

Formation: **Ft. Scott**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 21:59:15 Tester: Cody Bloedorn
 Time Test Ended: 02:48:15 Unit No: 73
 Interval: **4292.00 ft (KB) To 4346.00 ft (KB) (TVD)** Reference Elevations: 2303.00 ft (KB)
 Total Depth: 4346.00 ft (KB) (TVD) 2295.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8940 Outside
 Press@RunDepth: psig @ 4329.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.04.11 End Date: 2015.04.12 Last Calib.: 2015.04.12
 Start Time: 18:52:05 End Time: 02:48:14 Time On Btm:
 Time Off Btm:

TEST COMMENT: 45 - IF- 3.75" blow
 45 - IS- No return
 45 - FF- 2.5" blow
 45 - FS- No return



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

Recovery		
Length (ft)	Description	Volume (bbl)
30.00	Mud - Oil spots, 100%M	0.15

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Marc Downing

20-19s-21w Ness, KS
Wiedeman #2-20
Job Ticket: 62424 **DST#: 1**
Test Start: 2015.04.11 @ 18:52:00

Tool Information

Drill Pipe:	Length: 4252.00 ft	Diameter: 3.80 inches	Volume: 59.64 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 99000.00 lb
			<u>Total Volume: 59.79 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4292.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	54.00 ft			
Tool Length:	83.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Change Over Sub	1.00			4264.00	
Shut In Tool	5.00			4269.00	
Hydraulic tool	5.00			4274.00	
Jars	5.00			4279.00	
Safety Joint	3.00			4282.00	
Packer	5.00			4287.00	29.00 Bottom Of Top Packer
Packer	5.00			4292.00	
Stubb	1.00			4293.00	
Perforations	3.00			4296.00	
Change Over Sub	1.00			4297.00	
Drill Pipe	31.00			4328.00	
Change Over Sub	1.00			4329.00	
Recorder	0.00	8648	Inside	4329.00	
Recorder	0.00	8940	Outside	4329.00	
Perforations	14.00			4343.00	
Bullnose	3.00			4346.00	54.00 Bottom Packers & Anchor
Total Tool Length:	83.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Marc Downing

20-19s-21w Ness,KS
Wiedeman #2-20
Job Ticket: 62424 **DST#: 1**
Test Start: 2015.04.11 @ 18:52:00

Mud and Cushion Information

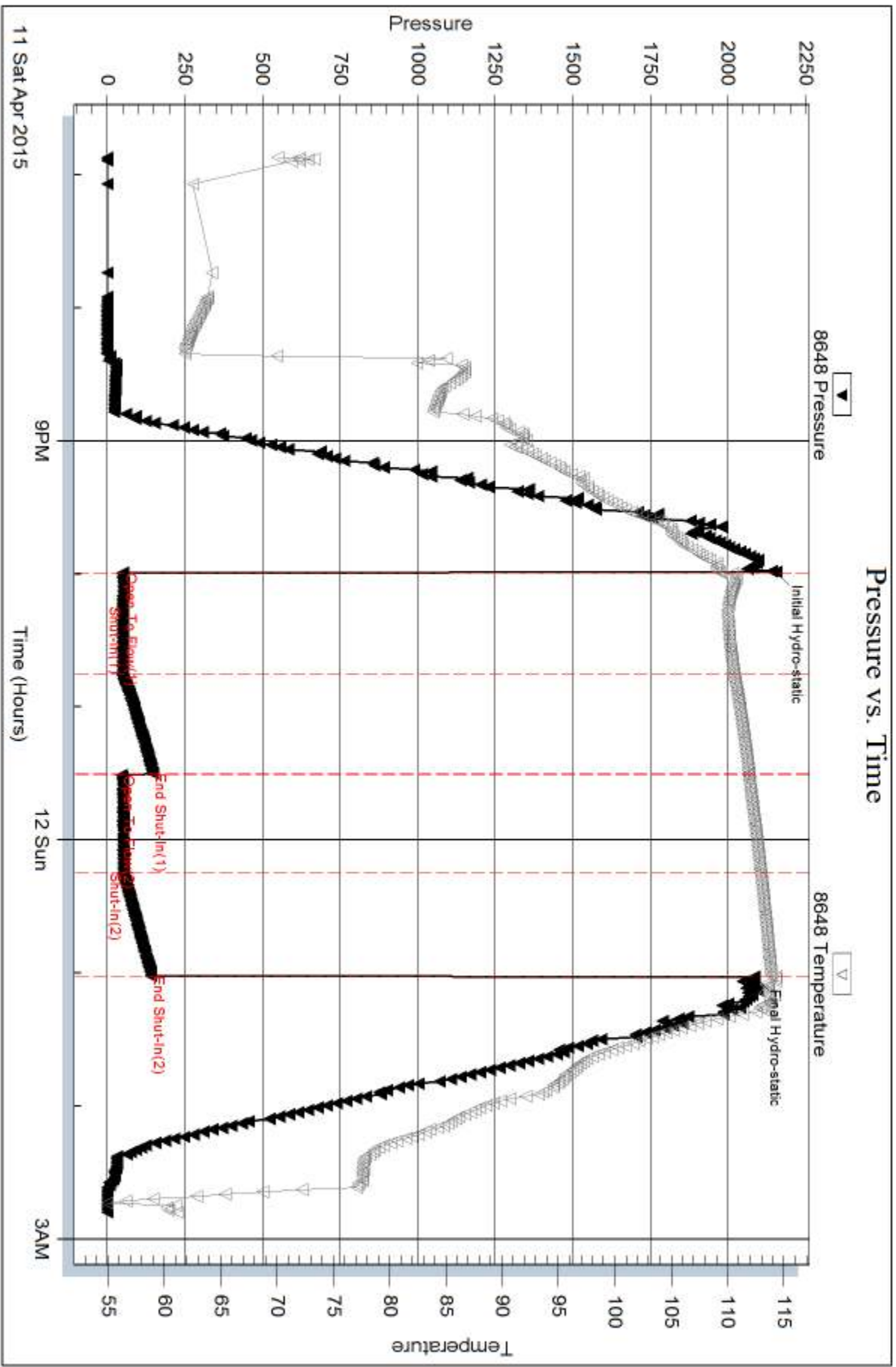
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.38 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6600.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Mud - Oil spots, 100%M	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

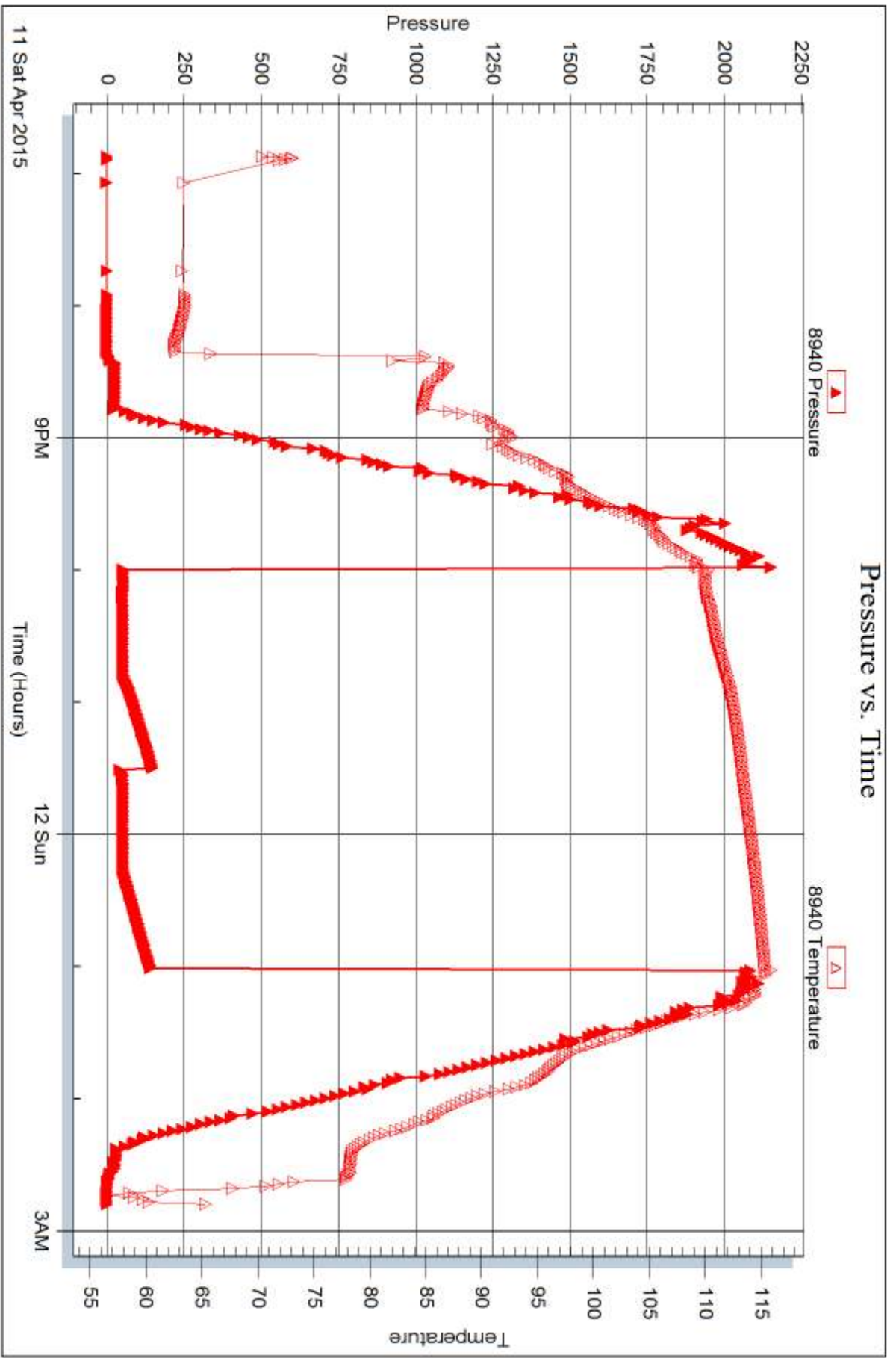


Serial #: 8940

Outside American Warrior Inc

Wiedeman #2-20

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 62424

Printed: 2015.04.13 @ 14:31:46



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City, KS 67846

ATTN: Marc Downing

Wiedeman #2-20

20-19s-21w Ness,KS

Start Date: 2015.04.12 @ 13:46:00

End Date: 2015.04.12 @ 22:29:00

Job Ticket #: 62425 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.04.13 @ 14:30:45



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Marc Downing

20-19s-21w Ness, KS
Wiedeman #2-20
Job Ticket: 62425 **DST#: 2**
Test Start: 2015.04.12 @ 13:46:00

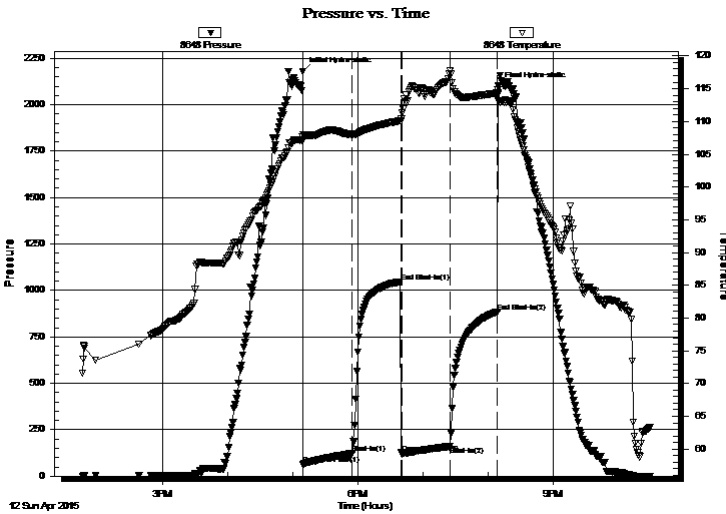
GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:09:00
Time Test Ended: 22:29:00
Interval: **4340.00 ft (KB) To 4428.00 ft (KB) (TVD)**
Total Depth: 4428.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Cody Bloedorn
Unit No: 73
Reference Elevations: 2303.00 ft (KB)
2295.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8648 Inside
Press@RunDepth: 162.04 psig @ 4408.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.04.12 End Date: 2015.04.12 Last Calib.: 2015.04.12
Start Time: 13:46:05 End Time: 22:29:00 Time On Btm: 2015.04.12 @ 17:08:45
Time Off Btm: 2015.04.12 @ 20:09:00

TEST COMMENT: 45 - IF- B.O.B. in 45 minutes
45 - IS- No return
45 - FF- B.O.B. in 24 minutes
45 - FS- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2180.16	107.73	Initial Hydro-static
1	62.38	107.03	Open To Flow (1)
46	122.28	108.00	Shut-In(1)
91	1046.41	110.12	End Shut-In(1)
92	123.65	110.42	Open To Flow (2)
137	162.04	117.79	Shut-In(2)
180	883.82	114.32	End Shut-In(2)
181	2099.95	114.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	SOCM, 10%O, 90%M	0.60
124.00	GOCM, 5%G, 25%O, 70%M	1.74
93.00	GO, 20%G, 80%O	1.30
0.00	310' G.I.P.	0.00

* Recovery from multiple tests

Gas Rates

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



DRILL STEM TEST REPORT

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Marc Downing

20-19s-21w Ness, KS

Wiedeman #2-20

Job Ticket: 62425

DST#: 2

Test Start: 2015.04.12 @ 13:46:00

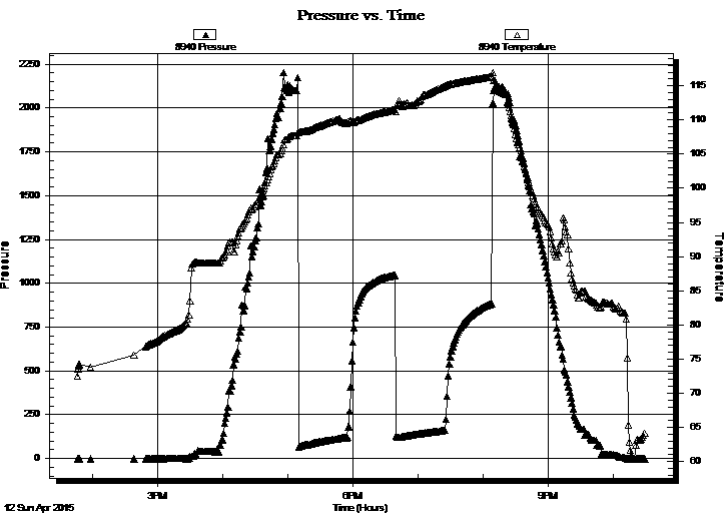
GENERAL INFORMATION:

Formation: Miss		Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)		Tester: Cody Bloedorn
Time Tool Opened: 17:09:00		Unit No: 73
Time Test Ended: 22:29:00		Reference Elevations: 2303.00 ft (KB)
Interval: 4340.00 ft (KB) To 4428.00 ft (KB) (TVD)		2295.00 ft (CF)
Total Depth: 4428.00 ft (KB) (TVD)		KB to GR/CF: 8.00 ft
Hole Diameter: 7.88 inches	Hole Condition: Fair	

Serial #: 8940 Outside

Press@RunDepth: psig @ 4408.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2015.04.12	End Date: 2015.04.12
Start Time: 13:46:05	End Time: 22:29:00
	Last Calib.: 2015.04.12
	Time On Btm:
	Time Off Btm:

TEST COMMENT: 45 - IF- B.O.B. in 45 minutes
45 - IS- No return
45 - FF- B.O.B. in 24 minutes
45 - FS- No return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
62.00	SOCM, 10%O, 90%M	0.60
124.00	GOCM, 5%G, 25%O, 70%M	1.74
93.00	GO, 20%G, 80%O	1.30
0.00	310' G.I.P.	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Marc Downing

20-19s-21w Ness, KS
Wiedeman #2-20
Job Ticket: 62425 **DST#: 2**
Test Start: 2015.04.12 @ 13:46:00

Tool Information

Drill Pipe:	Length: 4313.00 ft	Diameter: 3.80 inches	Volume: 60.50 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 85000.00 lb
		Total Volume: 60.65 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4340.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	88.00 ft			
Tool Length:	117.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Change Over Sub	1.00			4312.00	
Shut In Tool	5.00			4317.00	
Hydraulic tool	5.00			4322.00	
Jars	5.00			4327.00	
Safety Joint	3.00			4330.00	
Packer	5.00			4335.00	29.00 Bottom Of Top Packer
Packer	5.00			4340.00	
Stubb	1.00			4341.00	
Perforations	3.00			4344.00	
Change Over Sub	1.00			4345.00	
Drill Pipe	62.00			4407.00	
Change Over Sub	1.00			4408.00	
Recorder	0.00	8648	Inside	4408.00	
Recorder	0.00	8940	Outside	4408.00	
Perforations	17.00			4425.00	
Bullnose	3.00			4428.00	88.00 Bottom Packers & Anchor
Total Tool Length:	117.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Marc Downing

20-19s-21w Ness, KS
Wiedeman #2-20
Job Ticket: 62425 **DST#: 2**
Test Start: 2015.04.12 @ 13:46:00

Mud and Cushion Information

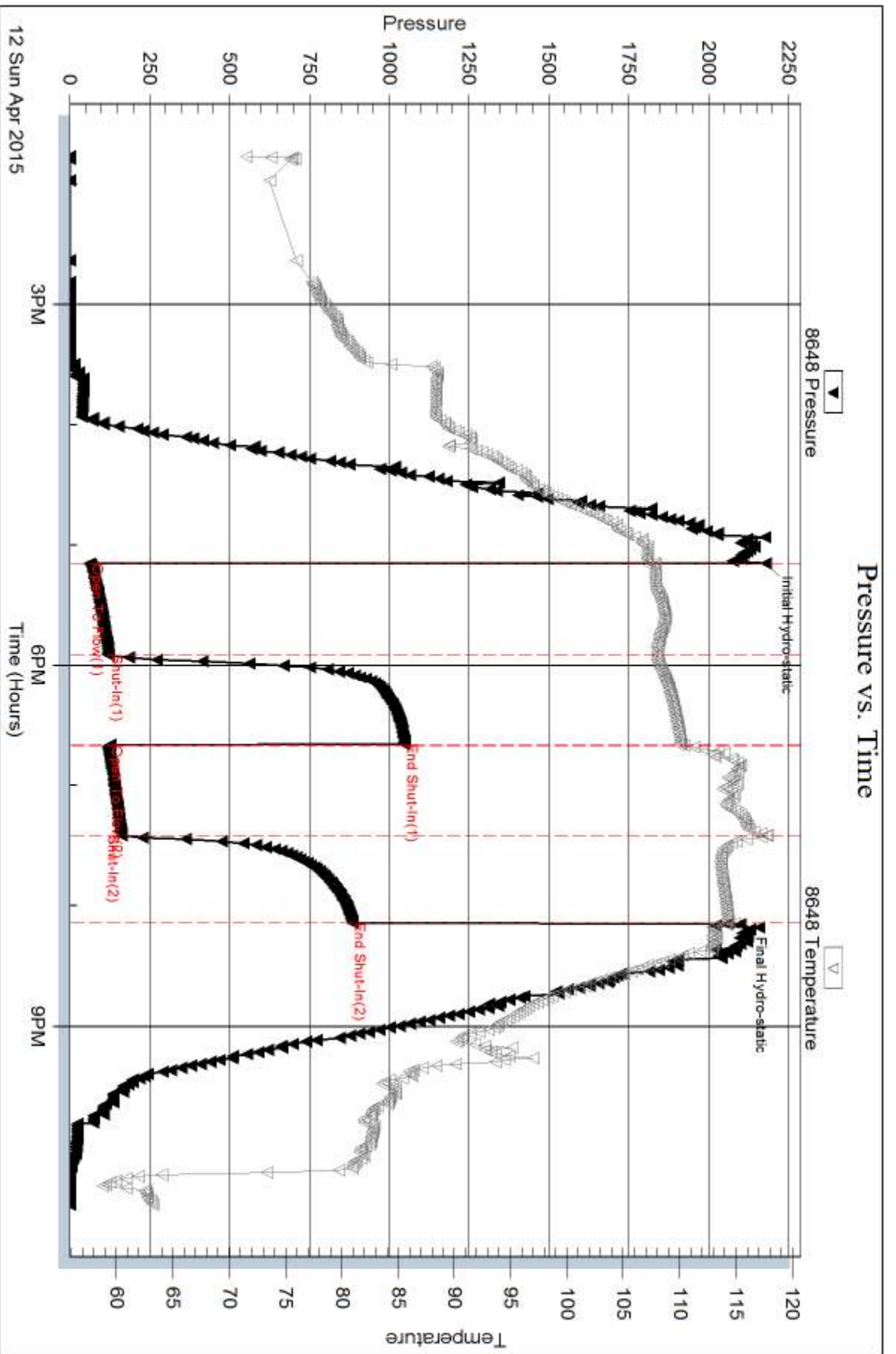
Mud Type: Gel Chem	Cushion Type:	Oil API: 34 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.18 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 7100.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	SOCM, 10%O, 90%M	0.596
124.00	GOCM, 5%G, 25%O, 70%M	1.739
93.00	GO, 20%G, 80%O	1.305
0.00	310' G.I.P.	0.000

Total Length: 279.00 ft Total Volume: 3.640 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: 35 @ 70 Degrees = 34 Gravity

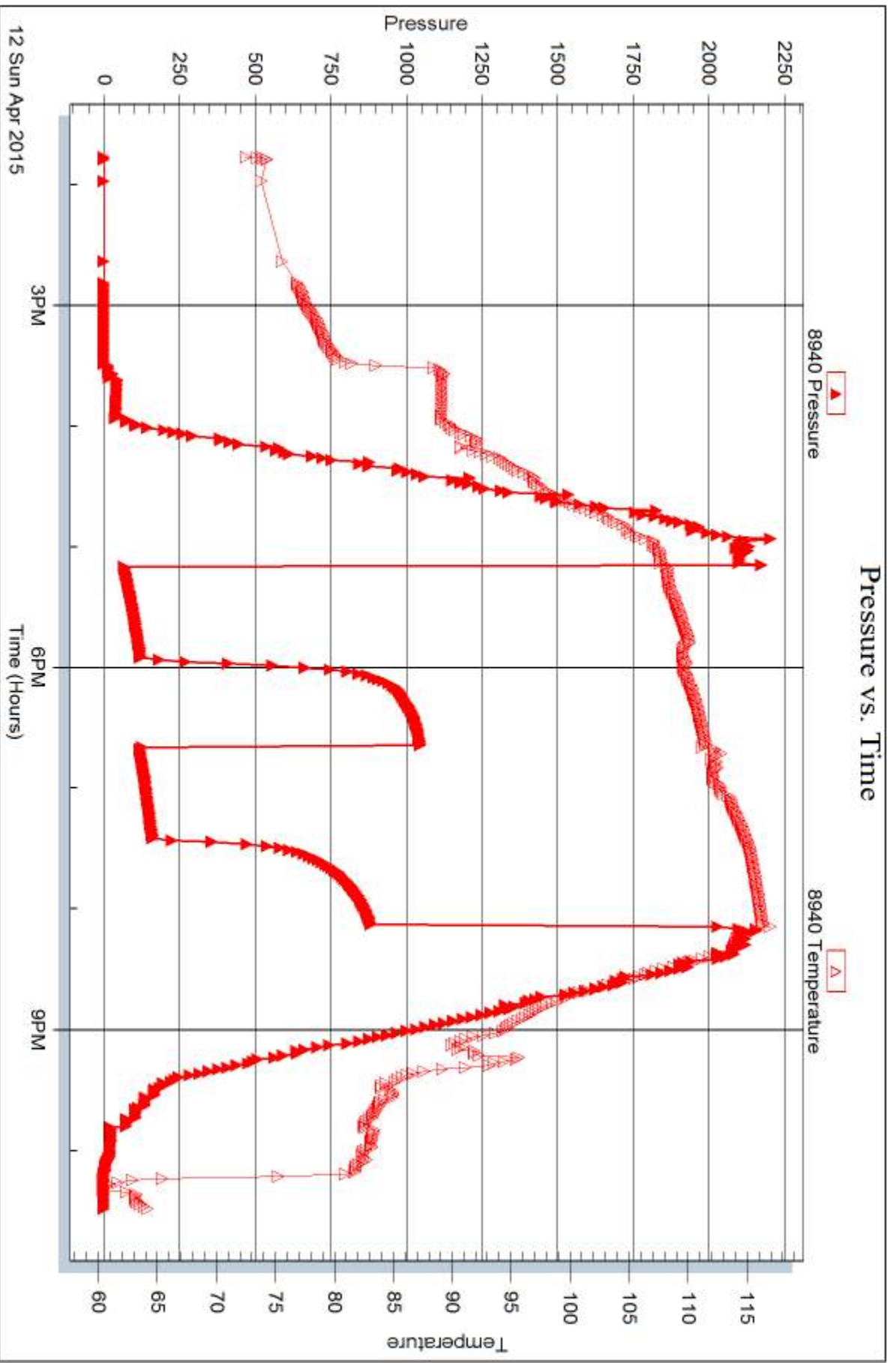


Serial #: 8940

Outside American Warrior Inc

Wiedeman #2-20

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 62425

Printed: 2015.04.13 @ 14:30:47



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 62424

Well Name & No. Wiedeman 2-20 Test No. 1 Date 4-11-15
 Company American Warrior Inc Elevation 2303 KB 2295 GL
 Address Po Box 399, Garden City KS, 67846
 Co. Rep / Geo. Marc Downing Rig Discovery #3
 Location: Sec. 20 Twp. 19s Rge. 21w Co. Ness State KS

Interval Tested 4292-4346 Zone Tested Ft. Scott
 Anchor Length 54' Drill Pipe Run 4252' Mud Wt. 9.3
 Top Packer Depth 4297 Drill Collars Run 30' Vis 56
 Bottom Packer Depth 4292 Wt. Pipe Run — WL 8.4
 Total Depth 4346 Chlorides 6.600 ppm System LCM 1/2
 Blow Description IF- 3.75" blow
ISI- No return
FF- 2.5" blow
FSI- No return

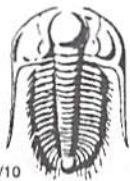
Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>Mud - oil spots</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 30 BHT 1130 Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic <u>2154</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>1830</u>
(B) First Initial Flow <u>50</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>1852</u>
(C) First Final Flow <u>49</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>2200</u>
(D) Initial Shut-In <u>146</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>0100</u>
(E) Second Initial Flow <u>44</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0248</u>
(F) Second Final Flow <u>52</u>	<input checked="" type="checkbox"/> Mileage <u>114RT</u> 114	Comments <u>Supper to be on</u>
(G) Final Shut-In <u>140</u>	<input type="checkbox"/> Sampler	<u>bank @ 7:30pm on</u>
(H) Final Hydrostatic <u>2086</u>	<input type="checkbox"/> Straddle	<u>bank @ 9:00pm</u>
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
	<input type="checkbox"/> Extra Recorder	Extra Copies
	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1589</u>
	Sub Total <u>1589</u>	MP/DST Disc't

Approved By _____ Our Representative Cody Bl...

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. 62425

Well Name & No. Wiedeman 2-20 Test No. 2 Date 4-12-15
 Company American Warrior Inc Elevation 2303 KB 2295 GL
 Address Po Box 399, Garden City KS, 67846
 Co. Rep / Geo. Marc Downing Rig Discovery #3
 Location: Sec. 20 Twp. 19S Rge. 21W Co. Ncss State KS

Interval Tested 4340-4428 Zone Tested Miss
 Anchor Length 88' Drill Pipe Run 4313 Mud Wt. 9.3
 Top Packer Depth 4335 Drill Collars Run 30' Vis 52
 Bottom Packer Depth 4340 Wt. Pipe Run — WL 9.2
 Total Depth 4428 Chlorides 7,100 ppm System LCM Tr
 Blow Description IF- B.O.B. in 45 minutes
ISI- No return
FF- B.O.B. in 24 minutes
FSI- No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>50CM</u>	<u>10</u>	<u>90</u>	<u>90</u>	<u>90</u>
<u>124</u>	<u>60CM</u>	<u>5</u>	<u>25</u>	<u>70</u>	<u>70</u>
<u>93</u>	<u>60</u>	<u>20</u>	<u>80</u>		
	<u>310' G.I.P.</u>				
Rec Total	<u>279'</u>	BHT <u>1140</u>	Gravity <u>34</u>	API RW <u>—</u>	@ <u>—</u> F Chlorides <u>—</u> ppm

(A) Initial Hydrostatic 2180 Test 1150 T-On Location 1332
 (B) First Initial Flow 62 Jars 250 T-Started 1346
 (C) First Final Flow 122 Safety Joint 75 T-Open 1709
 (D) Initial Shut-In 1046 Circ Sub _____ T-Pulled 2009
 (E) Second Initial Flow 123 Hourly Standby _____ T-Out 2229
 (F) Second Final Flow 162 Mileage 114RT 114 Comments _____
 (G) Final Shut-In 883 Sampler _____
 (H) Final Hydrostatic 2099 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1589

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

Sub Total 1589
 Total 1589
 MP/DST Disc't _____

Approved By _____ Our Representative Cody R...

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.



Services, Inc.

CHARGE TO: American Leases, Inc.
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET 27089
 PAGE 1 OF 1

SERVICE LOCATIONS

1. *Hayes* WELLPROJECT NO. *2-80* LEASE *Wiederhan* COUNTY/PARISH *Ness* STATE *TX* DATE *4-6-15* OWNER

2. *Discovers Dry* CONTRACTOR *Discovers Dry* RIG NAME/NO. *23* SHIPPED VIA *5/Barrio K.* ORDER NO.

3. *D-1* WELLPURPOSE *Remount Surface* WELLCATEGORY *in Field* WELLPERMIT NO.

4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.		QTY.		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			UM	UM	UM	UM			
575		1			MILEAGE #113	30 mi					500	15000	
576.5		1			Pay Charge - Out Station Service	1 ea					80000	80000	
890		1			D-2100	2 gal					4800	9600	
325		2			Structural Cement	150 yds					1205	180750	
279		2			Barbrite Sol	3 SK					2500	7500	
278		2			Celestine Chloride	9 SK					4000	36000	
581		2			Service Charge	150 SK					150	22500	
583		2			Minimum Drillage	200 SK					30 mi	25000	
LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.						SURVEY		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL		276150
MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS						OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					TAX		
DATE SIGNED <i>4-6-15</i>						WE UNDERSTOOD AND MET YOUR NEEDS?					TOTAL		
TIME SIGNED <i>1:10</i>						OUR SERVICE WAS PERFORMED WITHOUT DELAY?							
DATE SIGNED <i>4-6-15</i>						WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?							
DATE SIGNED <i>4-6-15</i>						ARE YOU SATISFIED WITH OUR SERVICE?		<input type="checkbox"/> YES	<input type="checkbox"/> NO				
DATE SIGNED <i>4-6-15</i>						OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?							
DATE SIGNED <i>4-6-15</i>						WE UNDERSTOOD AND MET YOUR NEEDS?							
DATE SIGNED <i>4-6-15</i>						OUR SERVICE WAS PERFORMED WITHOUT DELAY?							
DATE SIGNED <i>4-6-15</i>						WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?							
DATE SIGNED <i>4-6-15</i>						ARE YOU SATISFIED WITH OUR SERVICE?		<input type="checkbox"/> YES	<input type="checkbox"/> NO				

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS, CITY, KS 67560
 785-798-2300

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR *Alan Fournier* APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 2-1-15 PAGE NO. 1

CUSTOMER American Warrior, Inc WELL NO. 2-20 LEASE Wiedeman JOB TYPE Convent Surface TICKET NO. 27049

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1350					23 7/8"	8 7/8"	TD 234' CA location = 150 SR Standard, 2 1/2 Gal 30% cc cement Rig remaining 8 7/8" casing Setup Tank
	1405							Fin run casing to 223'
	1410							Start circulating casing
	1420							Fin circ / show clean
								Start H&H show
								Start 150 SR cement
								Fin cement - Start Displ 13 BBL
	1500							Fin Displ - close in Job Complete
								Wash up & Break up Tank
								1/2 15 1/2, 1/2, Show 7 Tanks



Services, Inc.

TICKET 28368

CHARGE TO: American Warrior
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

PAGE 1 OF 2

SERVICE LOCATIONS: Wellby KS
 WELL/PROJECT NO.: 2-30 LEASE: Wellman COUNTY/PARISH: Todd STATE: KS CITY: Barne DATE: 13 APR 15 OWNER: _____
 TICKET TYPE: SERVICE SALES CONTRACTOR: _____ RIG NAME/NO.: _____ SHIPPED VIA: _____ DELIVERED TO: _____ ORDER NO.: _____
 WELL TYPE: 0-1 WELL CATEGORY: Discovery JOB PURPOSE: Development concrete long string WELL PERMIT NO.: _____ WELL LOCATION: 20-19-21
 REFERRAL LOCATION: _____ INVOICE INSTRUCTIONS: _____

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	TRK ID	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF									
575								20	in			5.70	1140.00
578								1	00			1250.00	1250.00
402								5	in	5	00	60.00	300.00
403								5	in	2	00	250.00	500.00
404								5	in	1	00	250.00	250.00
416								5	in	1	00	225.00	225.00
407								5	in	1	00	300.00	300.00
400	409							5	in	1	00	200.00	200.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.
 MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED: _____ TIME SIGNED: _____ A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY: OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND MET YOUR NEEDS? YOUR SERVICE WAS PERFORMED WITHOUT DELAY? THE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? ARE YOU SATISFIED WITH OUR SERVICE? CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: 5175.00
4747.75
9922.75

TAX: _____ TOTAL: _____

SWIFT OPERATOR: _____ APPROVAL: RJA

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: _____

Thank You!



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 28368

CUSTOMER: American Warrior
WELL: Wrenman 2-20
DATE: 13 APR 15
PAGE: 21 of 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL		DATE	UNIT PRICE	AMOUNT
		LOC	ACCT	DR			QTY	U/M			
284						STANDARD cement (for 4-2)	175	sk		12.25	2143.75
283						casel	820	lb		30.00	2400.00
292						5act	900	lb		0.20	180.00
276						4-1/2-322	125	lb		8.00	1000.00
290						Floacle	50	lb		2.25	112.50
281						D-air	2	gal		42.00	84.00
281						Mud Flush	500	gal		1.25	625.00
221						KCL Liquid	2	gal		25.00	50.00
582						Dragee (oil)	1	ea		250.00	250.00
581						Service Charge				1.50	262.50

MI LEASE CHANGE TOTAL WEIGHT 18325
LOADED MILES 20

CUBIC FEET 12
TON MILES

CONTINUATION TOTAL 4747.75



Services, Inc.

CHARGE TO:

ADDRESS

AMERICAN WARRIOR

CITY, STATE, ZIP CODE

TICKET 28504

PAGE 1 OF

1. SERVICE LOCATION Ness City, KS.	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
		WIEDMAN 2-20	Ness	KS.	BAZINE, KS.	22 APR 15	
2. TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.		
	HD DIERFELD SERV						
3. WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION			
	OIL	DEVELOPMENT		4513E, NITUSO			
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE # 115					5.00	100.00
576D					PUMP CHARGE					1850.00	1850.00
102					SERVICE RBP					1000.00	1000.00
105					PORT DULAR DRAINING TANK					275.00	275.00
288					SAUD	1	5X			22.00	22.00
276					FLOREIE	30	1/8			2.25	67.50
29D					D-AIR	1	5/8			42.00	42.00
33D					SMD CEMENT	11	DSX			15.70	173.20
581					CEMENT SERVICE CHARGE	175	5X			1.50	262.50
582					MINIMUM DRAINAGE	174	100 lbs	174	DTM	250.00	250.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY,** and **LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X DATE SIGNED 22 APR 15 TIME SIGNED 1430 A.M. P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL

Tax 6.15%
TOTAL 5216.84

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR APPROVAL *[Signature]* Thank You!

Marc A. Downing		Geologic Report		
Consulting Petroleum Geologist		Drilling Time and Sample Log		
Operator American Warrior, Inc.		KB Elevation 2293		
Lease Wiedeman No. 2-20		DF 2291		
API # 15-135-25853-0000		GL 2285		
Field Hinnergardt		Casing Record Surface		
Location 335' FSL & 1940' FEL		8 5/8" @ 223' Production		
Sec. 20 Twp. 19s Rge. 21w		5 1/2" @ 4430' Electrical Surveys		
County Ness State Kansas		CNDL DIL		
Formation	Sample tops	Log Tops	Datum	Struct Comp
Top Anhydrite	NA	1512	+781	-4
Base Anhydrite	NA	1543	+750	-3
Heebner	3784	3781	-1488	-6
Toronto	3802	3799	-1506	-5
LKC	3829	3826	-1533	-5
BKC	4163	4158	-1865	-10
Pawnee	4251	4248	-1955	-8
Fort Scott	4325	4322	-2029	-7
Cherokee Sh	4345	4340	-2047	-8
Mississippi	4422	NA	-2129	-8
Total Depth	4431	4426	-2138	
Reference Well For Structural Comparison Hinnergardt A #1		Piekrell Drilling Co. C-SE-SE Sec. 20-19s-21w		

Drilling Contractor	Discovery Drilling, Rig #3	
Commenced	4-6-15	Completed 4-13-15
Samples Saved From	3800	To RTD
Drilling Time Kept From	3700	To RTD
Samples Examined From	3800	To RTD
Geological Supervision From	3700	To RTD

Summary and Recommendations

Due to structural position, DST recovery, and log evaluation, it was decided to set 5 1/2" production casing for completion in the Mississippi.

Respectfully Submitted,

Marc A. Downing

