

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

2/9/14
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 # 4058
Name: American Warrior Inc.
Address 1: P.O. Box 399
Address 2: _____
City: Garden City State: Ks. Zip: 67846 + _____
Contact Person: Jody Smith
Phone: (620) 275-2963
CONTRACTOR: License # 5822
Name: Val Energy Inc.
Wellsite Geologist: Harley Sayles
Purchaser: NCRA

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 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 #: _____

1/18/12 1/28/12 2/7/12
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 069-20358 -00-00
Spot Description: _____
SW NE SE NW Sec. 17 Twp. 28 S. R. 30 East West
1,786 Feet from North / South Line of Section
2,297 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Gray
Lease Name: Shadow Well #: #2-17
Field Name: North Copeland
Producing Formation: Morrow
Elevation: Ground: 2800 Kelly Bushing: 2810
Total Depth: 5250' Plug Back Total Depth: 5212'
Amount of Surface Pipe Set and Cemented at: 1735' 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 crnt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 14,000 ppm Fluid volume: 60 bbls
Dewatering method used: Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: CONFIDENTIAL Permit #: _____

FEB 09 2014

FEB 09 2012

KCC

KCC WICHITA

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: [Signature]
Title: Foreman Date: 2/8/12

KCC Office Use ONLY

Letter of Confidentiality Received
Date: 2/9/12 - 2/9/14
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: NJ Date: 2-4-12

Operator Name: American Warrior Inc. Lease Name: Shadow Well #: #2-17
 Sec. 17 Twp. 28 S. R. 30 East West County: Gray

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 Wire-line 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Induction, Micro, Porosity	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;"><input checked="" type="checkbox"/> Log</td> <td style="width:60%;">Formation (Top), Depth and Datum</td> <td style="width:30%;"><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Anhy</td> <td>1736'</td> <td>+1074</td> </tr> <tr> <td>B/Anhy</td> <td>1820'</td> <td>+980</td> </tr> <tr> <td>Heebner</td> <td>4125'</td> <td>-1315</td> </tr> <tr> <td>Lansing</td> <td>4220'</td> <td>-1410</td> </tr> <tr> <td>Cherokee</td> <td>4861'</td> <td>-2051</td> </tr> <tr> <td>Morrow</td> <td>5087'</td> <td>-2277</td> </tr> <tr> <td>St. Gen</td> <td>5117'</td> <td>-2307</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Anhy	1736'	+1074	B/Anhy	1820'	+980	Heebner	4125'	-1315	Lansing	4220'	-1410	Cherokee	4861'	-2051	Morrow	5087'	-2277	St. Gen	5117'	-2307
<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample																										
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Morrow	5087'	-2277																										
St. Gen	5117'	-2307																										

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	12 1/4	8 5/8	24#	1735'	65/35 poz	825	6%gel, 3%CC
Production	7 7/8	5 1/2	17#	5243'	EA-2	125sx	

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 (Amount and Kind of Material Used)	Depth
4	5111' to 5117	None	
		CONFIDENTIAL	
		FEB 09 2014	RECEIVED
		KCC	FEB 09 2012
			KCC WICHITA

TUBING RECORD: Size: <u>23/8</u> Set At: <u>5208'</u> Packer At: <u>None</u>		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>2/8/12</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" 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 checked="" 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 (Specify) _____	PRODUCTION INTERVAL: <u>5111' to 5117</u>
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JOB LOG

SWIFT Services, Inc.

DATE 28 Jan 12 PAGE NO.

CUSTOMER American Warrior WELL NO. 2-17 LEASE Shadow 2+ JOB TYPE Cement bag string TICKET NO. 21568

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sks SA-2 w/ Inlet 322 # floccle 5 1/2" x 17" casing 5250' 21' shoejt 9 Centralizers 2 baskets no part collar Flat equipment attached by the rig crew
	1315							on loc TRK 114 - rig circulating
	1335	3 3/4	12				200	Pump 12 bbl KCL flush (500 gal) mud filter
		3 3/4	20				200	Pump 20 bbl KCL flush
	1340		7					Plug RH - MH <u>30 sks</u> - <u>20 sks</u>
	1345	4 3/4	35				200	mix SA-2 cement @ 15.3 ppg <u>125 sks</u> Drop Latch down plug wash pump & line
	1405	6 3/4					200	Displace plug
		6 3/4	100				900	
	1430	6 3/4	121				1600	LAND plug wash truck
								wash up truck Back up truck RECEIVED job complete. FEB 09 2012 KCC WICHITA Hunk Riggs, Dave, and Blaine
								CONFIDENTIAL FEB 11 9 2014 KCC

ALLIED CEMENTING CO., LLC.

30517

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

SERVICE POINT:
L. BERAL Ks

DATE <u>1-20-12</u>	SEC <u>17</u>	TWP. <u>28S</u>	RANGE <u>30W</u>	CALLED OUT	ON LOCATION	JOB START <u>1:30 AM</u>	JOB FINISH <u>3:00 PM</u>
LEASE <u>Shallow</u>	WELL # <u>2-17</u>	LOCATION <u>Not Copland</u>			COUNTY <u>Gray</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)		To Rd W 1/2 E S16					

CONTRACTOR <u>UAC #1</u>	OWNER <u>Same</u>
TYPE OF JOB <u>8 1/2 SURFACE</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>1735'</u>
CASING SIZE <u>8 1/4"</u>	DEPTH <u>1710'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>1080</u>	MINIMUM <u>11</u>
MEAS. LINE	SHOE JOINT <u>410</u>
CEMENT LEFT IN CSG. <u>46</u>	
PERFS.	
DISPLACEMENT <u>108.2 BBL</u>	

CEMENT	AMOUNT ORDERED <u>675 65/35 6 1/2 GEL</u>
	<u>3 1/2 CC 1 1/2 # FLOSEAL</u>
	<u>150A 3 1/2 CC 2 1/2 GEL</u>
COMMON <u>150A</u>	@ <u>16.25</u> <u>2437.50</u>
POZMIX	@
GEL <u>35K</u>	@ <u>21.00</u> <u>637.50</u>
CHLORIDE <u>28SK CC</u>	@ <u>58.00</u> <u>1609.00</u>
ASC	@
<u>675 LITE</u>	@ <u>15.00</u> <u>10125.00</u>
<u>FLOSEAL 16916</u>	@ <u>2.70</u> <u>457.60</u>
RECEIVED	
FEB 09 2012	
HANDLING <u>KCC WICHITA</u>	@ <u>2.25</u> <u>1935.00</u>
<u>6 mix 11</u>	@ <u>4.30</u> <u>4730.00</u>

EQUIPMENT	
PUMP TRUCK # <u>372</u>	CEMENTER <u>R. Ryan</u>
BULK TRUCK # <u>472/47</u>	HELPER <u>CRASAN</u>
BULK TRUCK # <u>156/237</u>	DRIVER <u>R. Bin</u>
	DRIVER <u>ANGEL</u>

REMARKS:

Thank you

Drill cut to surface

CHARGE TO: AMERICAN WARRIOR

STREET _____

CITY _____ STATE _____ ZIP _____

To Allied Cementing Co., 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 _____

SIGNATURE _____

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FEB 09 2014

TOTAL 21374.50

KCC SERVICE	
DEPTH OF JOB	<u>1735'</u>
PUMP TRUCK CHARGE	<u>1925.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>100 mi</u>	@ <u>7.00</u> <u>700.00</u>
MANIFOLD + HEAD	@ <u>2.00</u> <u>200.00</u>
<u>LT WEL mi 100 mi</u>	@ <u>4.00</u> <u>400.00</u>
TOTAL <u>3225.00</u>	

PLUG & FLOAT EQUIPMENT	
<u>8 1/8</u>	
<u>2- CENTRALIZERS</u>	@ <u>64.00</u> <u>128.00</u>
<u>1- BASKET</u>	@ <u>478.00</u> <u>478.00</u>
<u>1- AFU</u>	@ <u>382.00</u> <u>382.00</u>
<u>1- G. DE SLA</u>	@ <u>394.00</u> <u>394.00</u>
<u>1- PLUG 5-W</u>	@ <u>112.00</u> <u>112.00</u>
TOTAL <u>1494.00</u>	

SALES TAX (If Any) _____

TOTAL CHARGES 26093.50

DISCOUNT 5218.50 IF PAID IN 30 DAYS

20,874.75



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

TICKET
 No 21560
 PAGE 1 OF 2

1. SERVICE LOCATION <u>Ness City, KS</u>	WELL/PROJECT NO. <u>2-17</u>	LEASE <u>Shadow</u>	COUNTY/PARISH <u>Grey</u>	STATE <u>KS</u>	CITY <u>Copland</u>	DATE <u>28 Jan 12</u>	OWNER
2. TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>vmc</u>		RIG NAME/NO. <u>1</u>	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>location</u>	ORDER NO.	
3. WELL TYPE <u>oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>cement long string</u>	WELL PERMIT NO.		WELL LOCATION <u>17-28-30W</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE TRK 114	90		M		6.00	540.00
578		1			Pump Charge	1		ea		1500.00	1500.00
402		1			centralizer	5 1/2		in	9 ea	70.00	630.00
403		1			Cement Basket	5 1/2		in	2 ea	250.00	500.00
404					Port collar						
406		1			Latch down plug & baffle	5 1/2		in	1 ea	250.00	250.00
407		1			insert float shoe w/ auto fill	5 1/2		in	1 ea	350.00	350.00
										page 1	3770.00
										page 2	5810.88
										9580.88	

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

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL SUB	9580.88
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?				Grey TAX 7.45%	474.29
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	10,055.17
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

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

SWIFT OPERATOR: ABG APPROVAL: _____

Thank You!

Geological Report

**American Warrior Inc.
Shadow #2-17
1786' FNL & 2297' FWL
Sec. 17 T28s R30w
Gray County, Kansas**



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American Warrior, Inc.

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General Data

Well Data: American Warrior, Inc.
Shadow #2-17
1786' FNL & 2297' FWL
Sec. 17 T28s R30w
Gray County, Kansas
API # 15-081-20358-0000

Drilling Contractor: Val Energy, Inc. Rig #1

Geologist: Harley Sayles

Spud Date: January 18, 2012

Completion Date: January 27, 2012

Elevation: 2794' Ground Level
2804' Kelly Bushing

Directions: 5.4 mi North on 2 Rd from Copeland to AA Rd,
then 0.5 mi East on AA Rd, South into location

Casing: 8 5/8" surface casing @ 1735 Allied, 17# 5 1/2"
production casing @ 5249' with 125 sacks EA-2
cement Swift

Samples: 10' wet and dry, 4100' to RTD

Drilling Time: 4000' to RTD

Electric Logs: Dual Induction, Microresistivity, Dual
Compensated Porosity

Drillstem Tests: One, Trilobite Testing, Inc. "Harley Davidson"

Problems: None

Remarks: Very gassy low gravity oil (20°)

Formation Tops

Formation	American Warrior, Inc. Shadow #2-17 Sec. 17 T28s R30w 1786' FNL & 2297' FWL
Anhydrite	1736', +1074
Base	1820', +980
Heebner	4125', -1315
Lansing	4220', -1410
BKc	4716', -1906
Marmaton	4729', -1919
Cherokee	4861', -2051
Atoka	5028', -2218
Morrow Shale	5070', -2260
Morrow Sand (Upr)	5087', -2277
Morrow Sand (Lwr)	5107', -2297
St. Genevieve	5117', -2307
LTD	5249', -2439

Sample Zone Descriptions

Morrow Sand (Lwr) (5114', -2310): Covered in DST #3

SS- Clear to milky, medium to very coarse grained, moderate to poorly sorted, sub-rounded to angular, good interparticle porosity, fair to good cut, fair florescence, fair show of free oil, fair to weak odor, partial to complete saturation and stain, very slightly glauconitic, calcareous, clean, 70 units hotwire

Drill Stem Tests
 Trilobite Testing Inc.
 "Harley Davidson"

DST #1 **Morrow Sand (Lwr)**
 Interval (5109' – 5120') Anchor Length 11'

IHP	– 2511 #	
IFP	– 15" – BOB ASAO, GTS 9 min, TSTM	995-1135 #
ISI	– 45" – BOB blow back	1448 #
FFP	– 15" – BOB ASAO, GTS ASAO, TSTM	1197-1373 #
FSIP	– 60" – BOB blow back	1448 #
FHP	– 2351 #	
BHT	– 127°F	

Recovery: 4159' GO 20° (50% Oil, 50% Gas, trace Mud)

Structural Comparison

Formation	American Warrior, Inc.	American Warrior, Inc.	Falcon Exploration, Inc.
	Shadow #2-17 Sec. 17 T28s R30w 1786' FNL & 2297' FWL	Shadow #1-17 Sec. 17 T28s R30w 1349' FSL & 1208' FWL	Lanterman #1-8 Sec. 8 T28s R30w 2030' FNL & 370' FEL
Anhydrite	1736', +1074	1731', +1073	N/A
Base	1820', +980	1820', +984	N/A
Heebner	4125', -1315	4113', -1309	4146', -1325
Lansing	4220', -1410	4210', -1406	4249', -1428
BKc	4716', -1906	4707', -1903	N/A
Marmaton	4729', -1919	4719', -1915	4743', -1922
Cherokee	4861', -2051	4857', -2053	4881', -2060
Atoka	5028', -2218	5029', -2225	5052', -2231
Morrow Shale	5070', -2260	5067', -2263	5089', -2268
Morrow Sand (Upr)	5087', -2277	5076', -2272	5119', -2298
Morrow Sand (Lwr)	5107', -2297	5114', -2310	absent
St. Genevieve	5117', -2307	5136', -2332	5151', -2330
LTD	5249', -2439		

Summary

The location for the Shadow #2-17 well was found via 3-D seismic survey. The new well ran structurally as expected via the survey at this time. One drill stem test was conducted, which was positive. After all gathered data had been examined the decision was made to run 5 ½ inch production casing to further evaluate the Shadow #2-17 well.

Recommended Perforations

Primary:

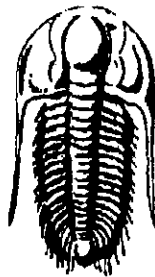
Morrow Sand (Lwr):

(5107' – 5117')

DST #1

Respectfully Submitted,

Harley K. Sayles
American Warrior Inc.



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City, KS 67846

ATTN: Harley Sayles

Shadow #2-17

17-28s-30w Gray,KS

Start Date: 2012.01.26 @ 12:45:00

End Date: 2012.01.26 @ 23:32:00

Job Ticket #: 41234 DST #: 1

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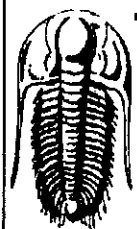
FEB 09 2014

KCC

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

Printed: 2012.02.01 @ 09:57:00

American Warrior Inc. 17-28s-30w Gray,KS Shadow #2-17 DST # 1 Morrow 2012.01.26



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc.

17-28s-30w Gray, KS

PO Box 399
Garden City, KS 67846

Shadow #2-17

Job Ticket: 41234

DST#: 1

ATTN: Harley Sayles

Test Start: 2012.01.26 @ 12:45:00

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 15:36:00

Time Test Ended: 23:32:00

Test Type: **Conventional Bottom Hole (Initial)**

Tester: **Harley Davidson**

Unit No: **58**

Interval: **5109.00 ft (KB) To 5120.00 ft (KB) (TVD)**

Total Depth: **5120.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2810.00 ft (KB)**

2800.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: **6772**

Outside

Press@RunDepth: **1373.12 psig @ 5111.00 ft (KB)**

Start Date: **2012.01.26**

End Date:

2012.01.26

Start Time: **12:45:00**

End Time:

23:31:55

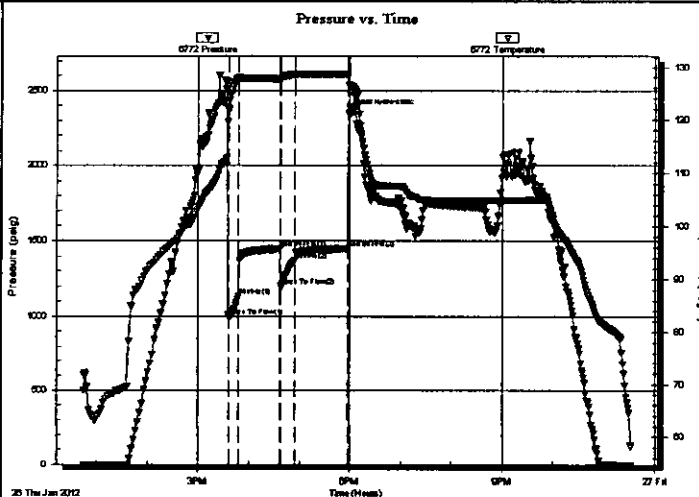
Capacity: **8000.00 psig**

Last Calib.: **2012.01.26**

Time On Btm: **2012.01.26 @ 15:32:25**

Time Off Btm: **2012.01.26 @ 17:58:40**

TEST COMMENT: IF- Strong blow BOB, ASAO, GTS, 9 min. TSTM
IS- BOB blow back
FF- Strong blow BOB, GTS, ASAO TSTM
FS- BOB blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2511.36	112.73	Initial Hydro-static
4	995.05	121.76	Open To Flow (1)
15	1134.58	127.88	Shut-In(1)
65	1448.38	127.62	End Shut-In(1)
66	1196.92	127.75	Open To Flow (2)
83	1373.12	128.59	Shut-In(2)
145	1448.41	128.66	End Shut-In(2)
147	2350.58	126.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
4159.00	Scattered gassy oil 50/50 no water	58.34

Gas Rates

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

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KCC WICHITA



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc.

17-28s-30w Gray,KS

PO Box 399
Garden City, KS 67846

Shadow #2-17

Job Ticket: 41234

DST#: 1

ATTN: Harley Sayles

Test Start: 2012.01.26 @ 12:45:00

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: **No** Whipstock: ft (KB)

Time Tool Opened: 15:36:00

Time Test Ended: 23:32:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Harley Davidson

Unit No: 58

Interval: **5109.00 ft (KB) To 5120.00 ft (KB) (TVD)**

Total Depth: 5120.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2810.00 ft (KB)

2800.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8355

Inside

Press@RunDepth: psig @ 5111.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.01.26

End Date:

2012.01.26

Last Calib.: 2012.01.26

Start Time: 12:45:30

End Time:

23:31:40

Time On Btm

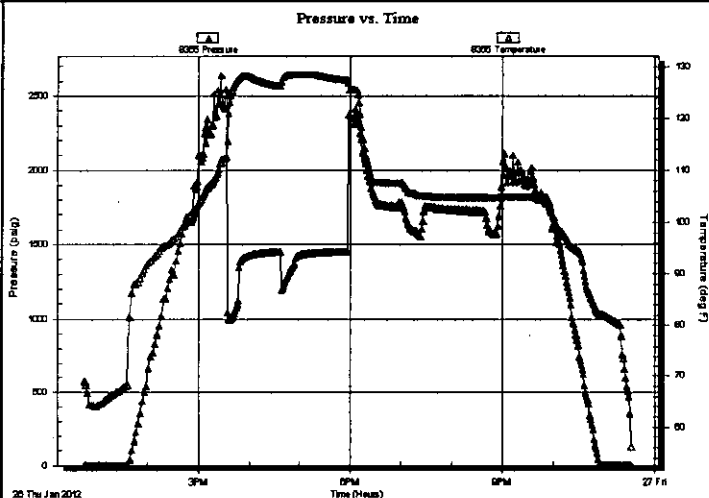
Time Off Btm

TEST COMMENT: IF- Strong blow BOB, ASAO, GTS, 9 min. TSTM

IS- BOB blow back

FF- Strong blow BOB, GTS, ASAO TSTM

FS- BOB blow back



PRESSURE SUMMARY

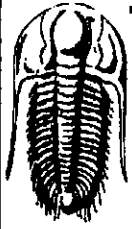
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
4159.00	Scattered gassy oil 50/50 no water	58.34

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: Harley Sayles

17-28s-30w Gray,KS
Shadow #2-17
Job Ticket: 41234 **DST#: 1**
Test Start: 2012.01.26 @ 12:45:00

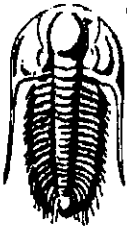
Tool Information

Drill Pipe:	Length: 5096.00 ft	Diameter: 3.80 inches	Volume: 71.48 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: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 71.48 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 76000.00 lb
Depth to Top Packer:	5109.00 ft			Final 86000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	39.00 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			5082.00	
Shut In Tool	5.00			5087.00	
Hydraulic tool	5.00			5092.00	
Jars	5.00			5097.00	
Safety Joint	3.00			5100.00	
Packer	5.00			5105.00	28.00 Bottom Of Top Packer
Packer	4.00			5109.00	
Stubb	1.00			5110.00	
Perforations	1.00			5111.00	
Recorder	0.00	8355	Inside	5111.00	
Recorder	0.00	6772	Outside	5111.00	
Perforations	6.00			5117.00	
Bullnose	3.00			5120.00	11.00 Bottom Packers & Anchor

Total Tool Length: 39.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.
PO Box 399
Garden City, KS 67846
ATTN: Harley Sayles

17-28s-30w Gray,KS
Shadow #2-17
Job Ticket: 41234 DST#: 1
Test Start: 2012.01.26 @ 12:45:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	20 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm	
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2400.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

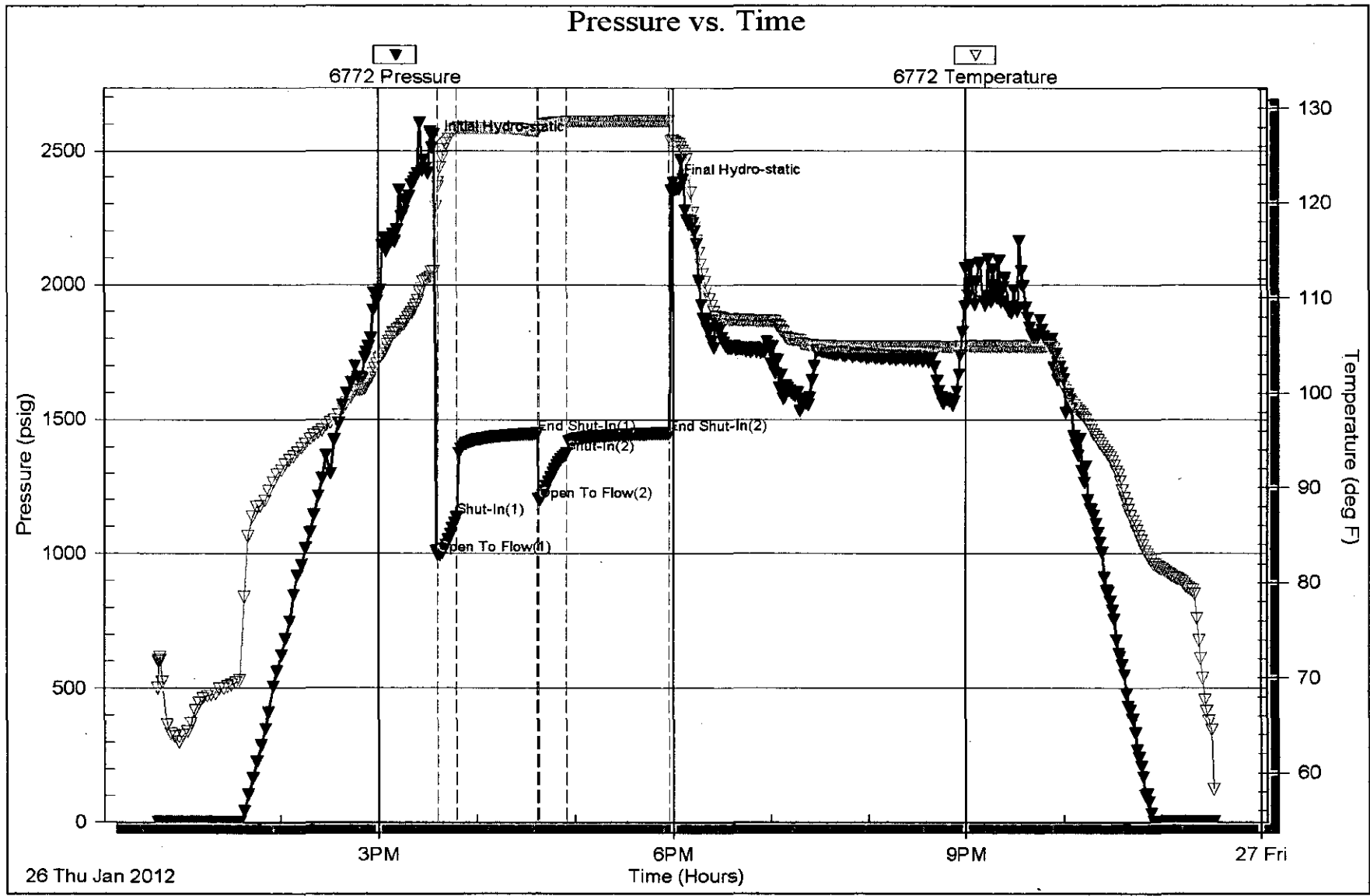
Length ft	Description	Volume bbl
4159.00	Scattered gassy oil 50/50 no water	58.340

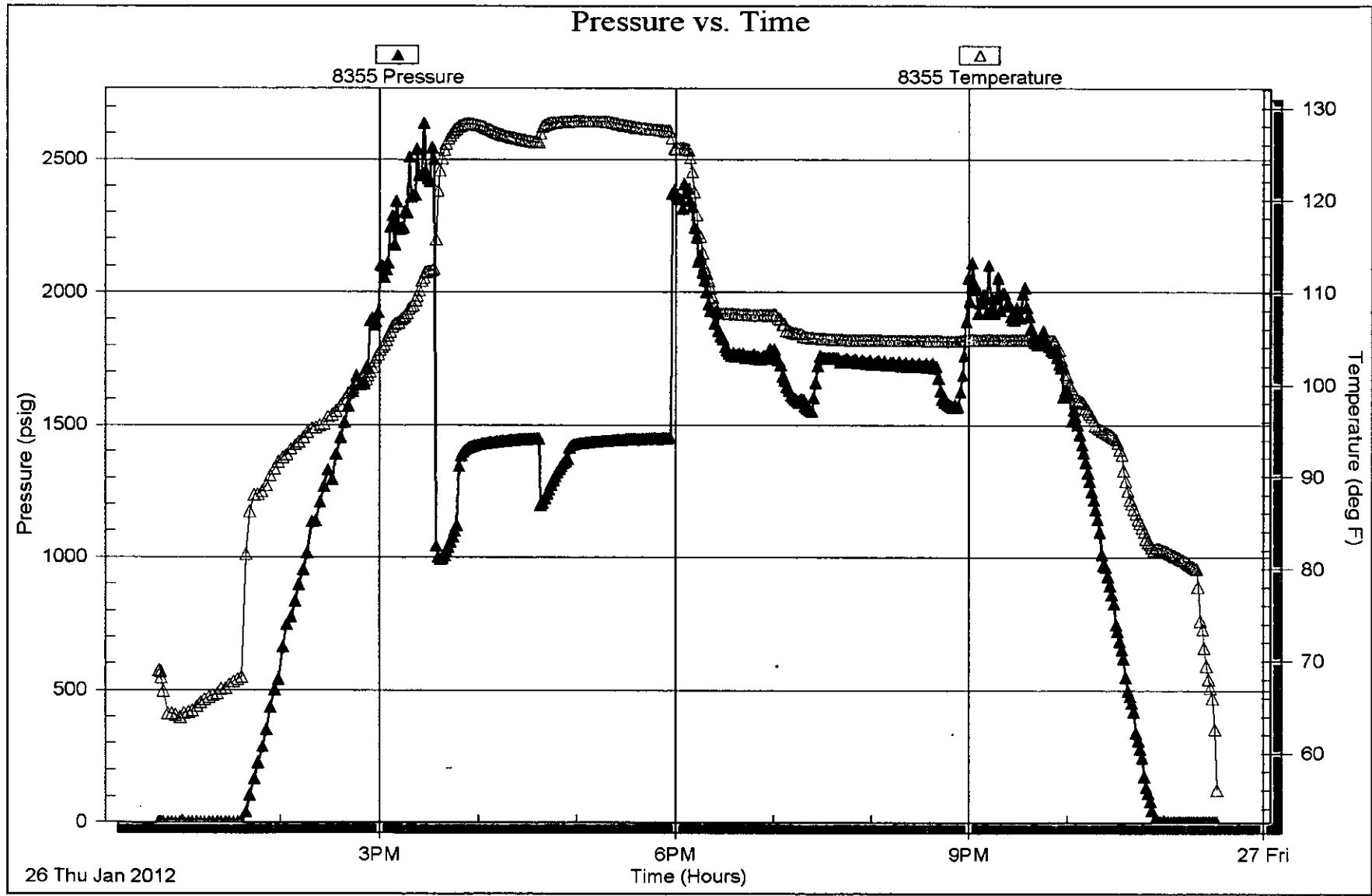
Total Length: 4159.00 ft Total Volume: 58.340 bbl

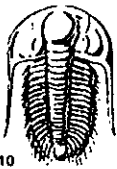
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Corr. gravity = 20







TRIBOLITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

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Test Ticket

NO. 041234

Well Name & No. Shadow #2-17 Test No. 1 Date 1-26-12
 Company American Warrior, Inc. Elevation 2810 KB 2800 GL
 Address P.O. Box 399 Garden City KS. 67846-
 Co. Rep / Geo. Harley Saxles Rig Val #1
 Location: Sec. 17 Twp. 28 Rge. 30 Co. Gray State KS

Interval Tested 5109 - 5120 Zone Tested Morrow
 Anchor Length 11 Drill Pipe Run 5096 Mud Wt. 9.2
 Top Packer Depth 5104 Drill Collars Run 0 Vis 54
 Bottom Packer Depth 5109 Wt. Pipe Run 0 WL 7.2
 Total Depth 5120 Chlorides 2400 ppm System LCM 5

Blow Description IF - Strong blow BOB ASAO 6TS 9m.n. TSTM.
ISI - BOB blow back
FF - Strong blow BOB 6TS ASAO
FSI BOB blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>4159</u>		<u>50</u>	<u>30</u>	<u>Trace</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total BHT 127 Gravity (20) API RW @ °F Chlorides ppm
 (A) Initial Hydrostatic 2511 Test 1325 T-On Location 9:30 AM
 (B) First Initial Flow 995 Jars 250 T-Started 12:45 PM
 (C) First Final Flow 1135 Safety Joint 75 T-Open 3:00 PM
 (D) Initial Shut-In 1448 Circ Sub 50 T-Pulled 5:15 PM
 (E) Second Initial Flow 1197 Hourly Standby 2 hrs 250 T-Out 11:00 PM
 (F) Second Final Flow 1373 Mileage 116 RT, 11.2.40 Comments Rev. Circulated oil and gas out to a truck. no water present.
 (G) Final Shut-In 1448 Sampler
 (H) Final Hydrostatic 2351 Straddle RECEIVED Ruined Shale Packer present.

Initial Open 15 Shale Packer FEB 09 2012 Ruined Packer
 Initial Shut-In 45 Extra Packer Extra Copies
 Final Flow 15 Extra Record KCC WICHITA Sub Total 8
 Final Shut-In 60 Day Standby Total 2112.40
 Accessibility MP/DST Disc't X
 Sub Total 2012.40

Approved By: Harley Saxles Our Representative: Harley Saxles

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