



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

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1089449

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
---	---

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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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

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: _____ _____
---	--	--

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Helfrich 1-5
Doc ID	1089449

Tops

Name	Top	Datum
Anhy	1453'	+922
B/Anhy	1485	+890
Heebner	3966	-1591
Lansing	4068	-1693
B/KC	4409	-2034
Marmaton	4431	-2056
Altamont	4448	-2073
Ft. Scott	4578	-2203
Mississippian	4647	-2272
Osage	4656	-2281

Geological Report

American Warrior Inc.

Helfrich #1-5

335' FSL & 750' FEL

Sec. 5 T24s R21w

Hodgeman County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Helfrich #1-5
335' FSL & 750' FEL
Sec. 5 T24s R21w
Hodgeman County, Kansas
API # 15-083-21804-0000

Drilling Contractor: Duke Drilling Co. Rig #10

Geologist: Harley Sayles

Spud Date: July 5, 2012

Completion Date: July 13, 2012

Elevation: 2364' Ground Level
2375' Kelly Bushing

Directions: Hanston KS, 7.9 mi south on Spearville Rd, 4 mi
East on H Rd, 2 mi South on 232 Rd, 0.1 mi West
on F Rd, North into location

Casing: 24# 8 5/8" surface casing @ 275, 15.5 # 5 1/2" @
4656

Samples: 10' wet and dry, 3900' to RTD

Drilling Time: 3850' to RTD

Electric Logs: Dual Induction, Microresistivity, Dual
Compensated Porosity

Drillstem Tests: One, "Chris Staats"

Problems: None

Remarks: None

Formation Tops

Formation	American Warrior, Inc. Helfich #1-5 Sec. 5 T24s R21w 335' FSL & 750' FEL
Anhydrite	1453', +922
Base	1485', +890
Heebner	3966', -1591
Lansing	4068', -1693
Stark	4299', -1924
BKc	4409', -2034
Marmaton	4431', -2056
Altamont "A"	4448', -2073
Pawnee	4529', -2154
Fort Scott	4578', -2203
Cherokee	4603', -2228
Mississippian	4647', -2272
Osage	4656', -2281
LTD	4667', -2292

Sample Zone Descriptions

Altamont "A"	<p>(4448', -2073) Covered in DST #1</p> <p>Ls- Cream to tan, fine to sub to crystalline, poor to fair inter-crystalline porosity, slight show of free oil, slight odor, few gas bubbles, bright yellow florescence, scattered saturation and stain</p>
Osage	<p>(4656', -2281) Not Tested</p> <p>Δ-Dolo- Cream to tan, fine crystalline, good intercrystalline porosity, mostly chert, white, heavily weathered tripolitic chert, some fresh, fair show of free oil, good odor, yellow florescence</p>



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior INC
 3118 Cummings RD
 Po Box 399
 Gardencity KS 67846
 ATTN: Cecil OBrate/Harley S

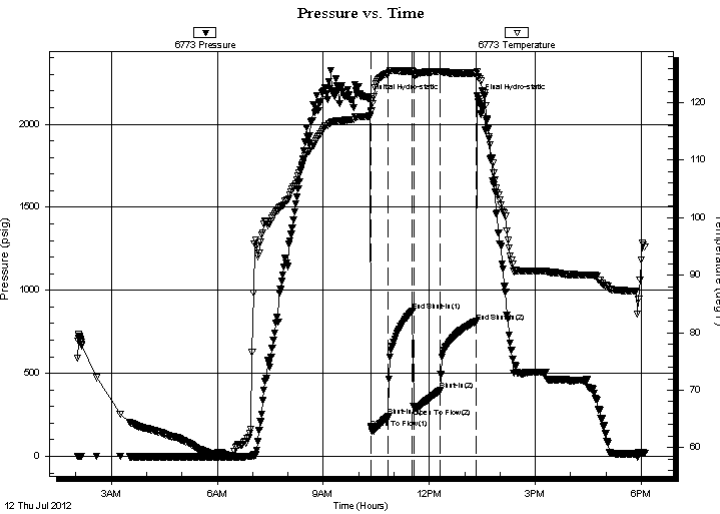
5-24s-21w
Helfrich#1-5
 Job Ticket: 47563 **DST#: 1**
 Test Start: 2012.07.12 @ 02:03:03

GENERAL INFORMATION:

Formation: **Altamount A**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:21:33
 Time Test Ended: 18:06:48
 Interval: **4446.00 ft (KB) To 4480.00 ft (KB) (TVD)**
 Total Depth: 4480.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chris Staats
 Unit No: 47
 Reference Elevations: 2377.00 ft (KB)
 2366.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 6773 Outside
 Press @ Run Depth: 396.85 psig @ 4447.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.07.12 End Date: 2012.07.12 Last Calib.: 2012.07.12
 Start Time: 02:03:08 End Time: 18:06:48 Time On Btm: 2012.07.12 @ 10:19:03
 Time Off Btm: 2012.07.12 @ 13:22:33

TEST COMMENT: IF: Strong blow BOB 1 min
 IS: Weak blow back 4"
 FF: Strong blow BOB 1 min
 FS: Weak blow back 3 1/2"



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2155.32	117.66	Initial Hydro-static
3	171.10	118.58	Open To Flow (1)
32	239.18	125.08	Shut-In(1)
72	875.79	125.48	End Shut-In(1)
75	291.96	124.63	Open To Flow (2)
120	396.85	125.37	Shut-In(2)
180	810.99	125.12	End Shut-In(2)
184	2152.29	124.59	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
0.00	3150' GIP	0.00
900.00	G,O 20%gas 80%oil	12.62
90.00	W,M,O 20%w ater 20% mud 80%oil	1.26

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior INC

5-24s-21w

3118Cummings RD
Po Box 399
Gardencity KS 67846
ATTN: CecilOBrate/Harley S

Helfrich#1-5

Job Ticket: 47563

DST#: 1

Test Start: 2012.07.12 @ 02:03:03

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: 68.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.57 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5100.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	3150' GIP	0.000
900.00	G,O 20%gas 80%oil	12.625
90.00	W,M,O 20%w ater 20% mud 80%oil	1.262

Total Length: 990.00 ft Total Volume: 13.887 bbl

Num Fluid Samples: 0

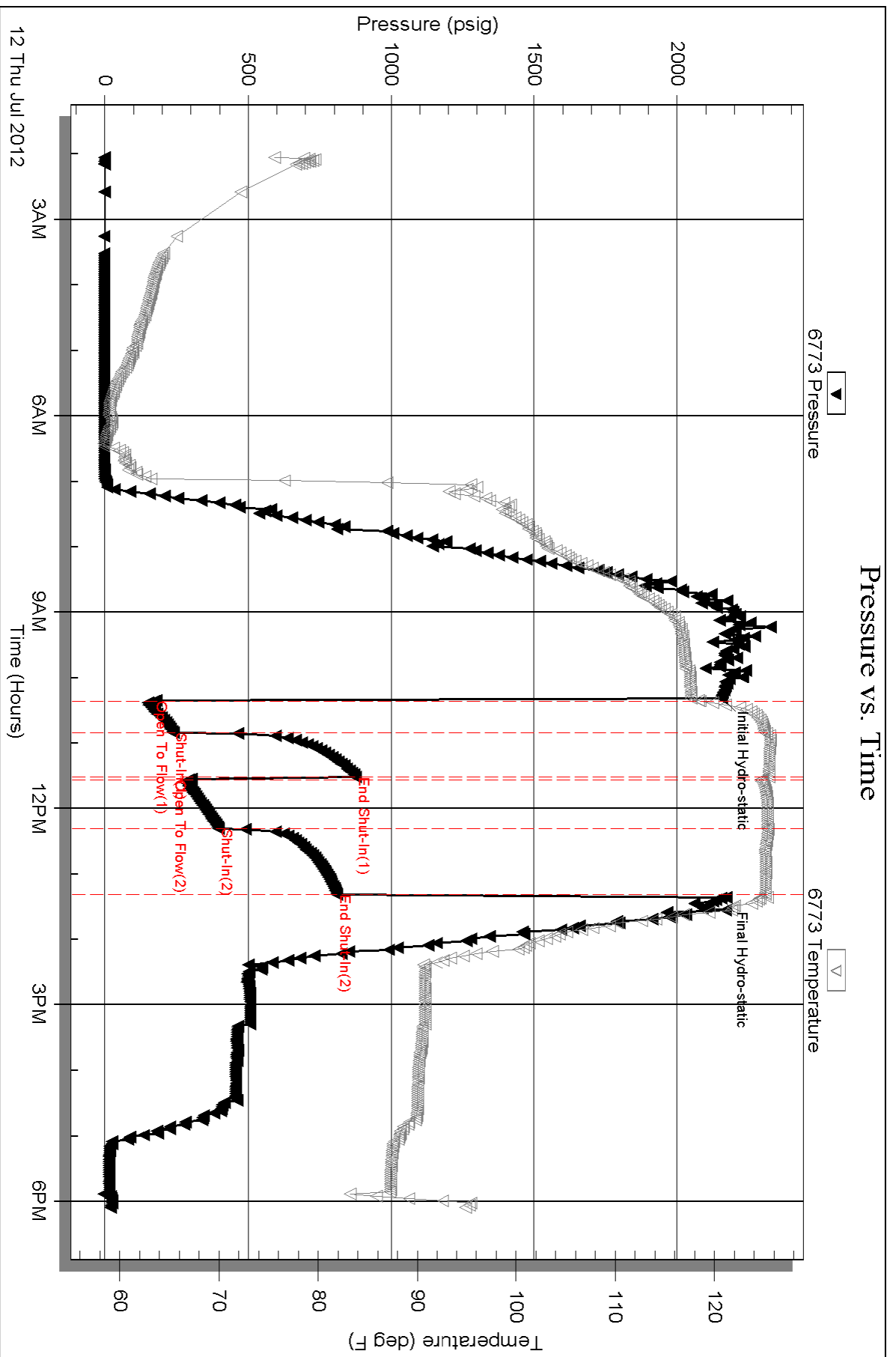
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



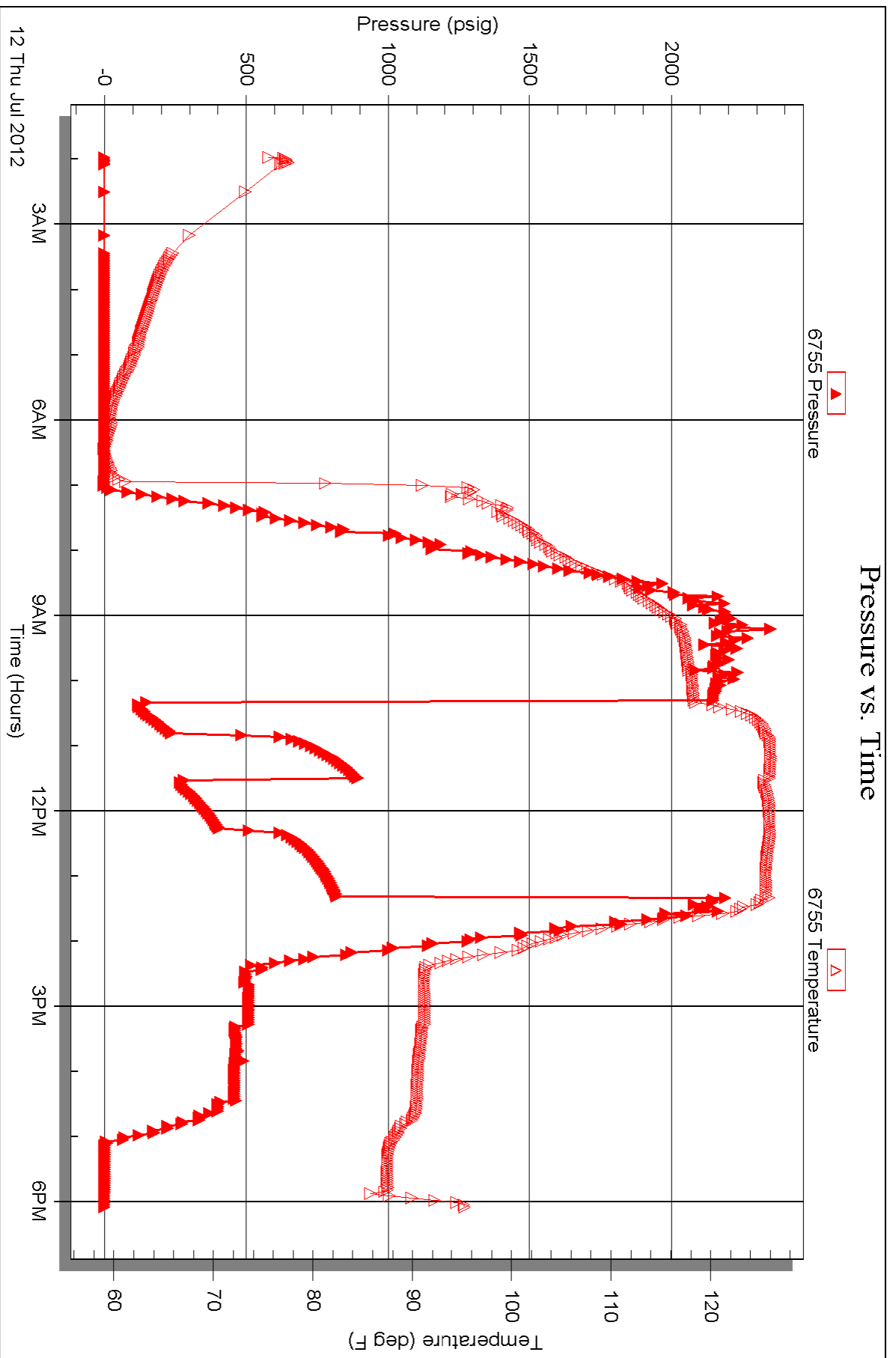
Serial #: 6755

Inside

American Warrior INC

Helrich#1-5

DST Test Number: 1



ALLIED OIL & GAS SERVICES, LLC 053706

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Great Bend

DATE <u>7-6-12</u>	SEC <u>5</u>	TWP. <u>24</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START <u>8:00 AM</u>	JOB FINISH <u>8:30 AM</u>
LEASE <u>Helfritch</u> WELL# <u>1-5</u>		LOCATION <u>off route west to 132 RD</u>			COUNTY <u>Hodgeman</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)		7 North west into					

CONTRACTOR Dave 10 OWNER American Warrick

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 275 CEMENT

CASING SIZE 8 1/2 DEPTH 275 AMOUNT ORDERED 160sx class A

TUBING SIZE DEPTH +3% +2% Gal

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 700 MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 40

PERFS.

DISPLACEMENT 158BBS

EQUIPMENT

PUMP TRUCK CEMENTER Wayne

306 HELPER ma:in

BULK TRUCK

341 DRIVER Soel M

BULK TRUCK

DRIVER

COMMON 160 @ 16.25 2600.00

POZMIX @

GEL 3 @ 21.25 63.75

CHLORIDE 6 @ 58.20 349.20

ASC @

@

@

@

@

@

@

@

@

HANDLING 172.99 @ 2.10 363.27

MILEAGE 7.89 x 47 2.35 871.45

TOTAL 4,247.67

REMARKS:

pipe on bottom B-cek circulation
with Rig mud
Run 3 BBS water Ahead
mix 160sx class A +3% +2%
Gal Shut Down Release
Plug Disp 15 BBS fresh
water hand Plug at 700psi
Shut on cement did circ

SERVICE

DEPTH OF JOB 275

PUMP TRUCK CHARGE 1125.00

EXTRA FOOTAGE @

MILEAGE Hum 47 @ 7.00 329.00

MANIFOLD @

Lum 47 @ 4.00 188.00

@

TOTAL 1642.00

CHARGE TO: American Warrick

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

Rubber plug @ 112.00 112.00

Baffle plate @ 112.00 112.00

Basket @ 478.00 478.00

@

TOTAL 702.00

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 Scott Edwards

SIGNATURE Scott Edwards

SALES TAX (If Any) _____

TOTAL CHARGES 6,591.67

25% DISCOUNT 1,647.91

IF PAID IN 30 DAYS

4,943.75



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

TICKET N^o 21911

PAGE 1 OF 2

SERVICE LOCATIONS 1. *New City, KS*
 WELL/PROJECT NO. *1-5* LEASE *Helfrich* COUNTY/PARISH *Hodgeman* STATE *KS* CITY _____ DATE *7-14-12* OWNER *Same*
 2. TICKET TYPE SERVICE SALES CONTRACTOR *Duke Rig 10* RIG NAME/NO. _____ SHIPPED VIA *CIT* DELIVERED TO *Loc* ORDER NO. _____
 3. WELL TYPE *Oil* WELL CATEGORY *Development* JOB PURPOSE *Cont. 5 1/2" Long String* WELL PERMIT NO. _____ WELL LOCATION _____
 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 # 114	50		mi		6.00	300.00	
578		1			Pump Service	1		ea		1500.00	1500.00	
405		1			Packet Shop	1		ea	5 1/2 in	1400.00	1400.00	
404		1			Port Collar	1		ea	"	2400.00	2400.00	
406		1			Latch Down Plug & Baffle	1		ea	"	250.00	250.00	
402		1			Centralizers	9		ea	"	70.00	630.00	
403		1			Cont. Basket	2		ea	"	250.00	500.00	
290		1			D-Air	2		gal		35.00	70.00	
281		1			Mud Flush	500		gal		1.25	625.00	
221		1			KCL	2		gal		25.00	50.00	
					See Continuation							
										page 1	772.50	60
										page 2	4363.00	60

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	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				sub	12,088.00
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Hodgeman TAX 7.45%	766.26
ARE YOU SATISFIED WITH OUR SERVICE?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		TOTAL	12,794.93
<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 *Roger B. Lytle* APPROVAL _____

Thank You!



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

TICKET CONTINUATION

TICKET No. 21911

CUSTOMER *American Warrior* WELL *Helfrich 1-5* DATE *7-14-12* PAGE *2* OF *2*

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			QTY.	UM	QTY.	UM	
325		1				Standard Cement	175	sk	13	50	2,362.50
284		1				Calseal	8	sk	35	00	280.00
283		1				Salt	950	#		20	190.00
286		1				CFR-1 Halad-1	83	#	7	50	622.50
276		1				Flocele	50	#	2	10	100.00
581						SERVICE CHARGE					
							SUBIC FEET 175 sk		2	00	350.00
583						MILEAGE CHARGE	TOTAL WEIGHT 18,347	LOADED MILES 50			
							TON MILES 458.67		1	00	458.67
CONTINUATION TOTAL											4,363.67

JOB LOG

SWIFT Services, Inc.

DATE 7-14-12 PAGE NO. 1

CUSTOMER American Warrior WELL NO. 1-5 LEASE Helfrich JOB TYPE Long String TICKET NO. 21911

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2030							on loc. Pulling rat hole.
	2230							Start in hole with 5 1/2" 155# Cg. PKR shoe @ 4650'
								latch down Baffle
								Cent. #1, 2, 3, 4, 5, 6, 7, 74, 76
								Basket # 6, 74
								Port Collar Top #175 @ 1474'
								Total Pipe 4650'
	0110							Tag Bottom pickup 11' Cirankette
	0145							Drop-Ball
	0150							Plug R.H. M. H. 30SKs + 20SKs
	0200							1100 set PKR Shoe 1100PSI
								Pump 500gal mud Flush
								20SK RCL Flush
		4	30					Max 125SKs EA-2 Cnd.
	0215							Finish mixing
								without pump & tie.
		6.5						Displ. latch down plug
	0300							1500 Plug down 1500psi holding
								Release press. Dried up
								wash & Pack up truck
	0330							Job Complete

[Handwritten Signature]

Roger Blake Russ



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

TICKET
 No 22786

PAGE 1 OF 1

SERVICE LOCATIONS
 1. Ness City KS WELL/PROJECT NO. 1-5 LEASE Helrich COUNTY/PARISH Hodgeman STATE KS CITY Houston DATE 25 Jul 12 OWNER
 2. TICKET TYPE SERVICE CONTRACTOR SETHWEST RIG NAME/NO. 1 SHIPPED VIA CT DELIVERED TO location ORDER NO.
 3. WELL TYPE oil WELL CATEGORY Development JOB PURPOSE cement port collar WELL PERMIT NO. WELL LOCATION
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE	45		mi		6.00	270.00
576D		1			Pump Charge			109		12.50	1250.00
330		1			SWD cement	125		sk		16.50	2062.50
276		1			floacle	25		lb		2.00	50.00
290		1			D-AIR	1		gal		35.00	35.00
104		1			Port collar tool rental			109		2.50	250.00
581		1			service charge	175		sk		2.00	350.00
583		1			Drayage	1744.25		lb	391.82	1.00	391.82

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 1530 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
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				4659.32
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? <input type="checkbox"/> YES <input type="checkbox"/> NO				
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL
				4837.93

Hodgeman TAX 7.45%

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

SWIFT OPERATOR ABC APPROVAL _____

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 26 Jul 12 PAGE NO.

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.
American Warrior		1-5		Helrich		Cement Post Collar		22786
								175 stks SMD w/ 4# floccul.
								2 3/4" S ₂ Post Collar 1474'
	1300							on loc TRK 110
	1317					1000	1000	test to 1000psi - hold
								wait on water
	1400							open post collar
		3	2			300		inj 3 @ 350 psi
	1405	3	67			400		Mix SMD @ 11.2 ppg
								{ 125 st mixed } 15 topit }
	1430	3	5			400		- cement to surface - pump 5 bbl H ₂ O
								close post collar
	1435							RUN 4 joints
								test to 1000psi - hold
								Reverse hole clean
			20					- 2 cement floccul -
								wash truck
								Rack up unit on tool
	1515							job complete
								Flumbo
								JAMM, JOHNSON & BUNNE