



CEMENTING LOG

STAGE NO. _____

Date 9-30-13 District Great Bend Ticket No. 61908
 Company American Warrior Rig Duke 5
 Lease Kramer Well No. 3-31
 County Gray State KS
 Location Haplick 95 1E Sinter Field 31 24 29

CEMENT DATA:
 Spacer Type: Fresh Water
 Amt. 5750 Skys Yield _____ ft³/sk Density _____ PPG

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 8 5/8 Type New Weight 21# Collar 82d

LEAD: Pump Time _____ hrs. Type _____
 Excess _____

Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

TAIL: Pump Time Thickentime hrs. Type Class A 3acc
240gel Excess _____

Amt. 250 Skys Yield 1.34 ft³/sk Density 15.2 PPG

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Casing Depths: Top _____ Bottom 440

Pump Trucks Used 398 - Ben Newel

Bulk Equip. 544 Dan Casper

Drill Pipe: Size _____ Weight _____ Collars _____

Float Equip: Manufacturer _____

Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

Shoe: Type _____ Depth _____

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. 10637 Lin. ft./Bbl. 15.70

Float: Type _____ Depth _____

Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Centralizers: Quantity _____ Plugs Top _____ Btm. _____

Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Stage Collars _____

Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Special Equip. _____

Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Disp. Fluid Type Fresh Water Amt. _____ Bbls. Weight _____ PPG

Perforations: From _____ ft. to _____ ft. Amt. _____

Mud Type Water Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER Josh Wack

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						On location - rig up had safety meeting
						Run 8 5/8 casing
						Break circulation with dog mud
						Pressure test 500 psi
				5		pump 5 bbls ahead
				59.64		mix 250 skys Class A 340cc 240gel
				27.07		Displace 27.07 bbls fresh water
						shut in
						cement did circulate
						log down 12AM

FINAL DISP. PRESS: _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs. TT



CHARGE TO: *American Warrior*

ADDRESS

CITY, STATE, ZIP CODE

TICKET
N° 24745

PAGE 1 OF 2

SERVICE LOCATIONS: 1. *Ness City KS*

WELL/PROJECT NO. *3-31* LEASE *Kramer* COUNTY/PARISH *Gray* STATE *KS* CITY *Garden City* DATE *10 Oct 13* OWNER

2. TICKET TYPE SERVICE SALES CONTRACTOR *DUCB* RIG NAME/NO. *5* SHIPPED VIA *CT* DELIVERED TO *location* ORDER NO.

3. WELL TYPE *oil* WELL CATEGORY *Development* JOB PURPOSE *cement long string* WELL PERMIT NO. WELL LOCATION *31-24-29*

4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<i>575</i>		<i>1</i>			<i>MILEAGE TRK 114</i>	<i>80</i>	<i>mi</i>			<i>6.00</i>	<i>480.00</i>
<i>578</i>		<i>1</i>			<i>Pump Charge</i>	<i>1</i>	<i>ea</i>			<i>1500.00</i>	<i>1500.00</i>
<i>402</i>		<i>1</i>			<i>Centralizer</i>	<i>5 1/2</i>	<i>in</i>	<i>9</i>	<i>ea</i>	<i>70.00</i>	<i>630.00</i>
<i>403</i>		<i>1</i>			<i>Cement Basket</i>	<i>5 1/2</i>	<i>in</i>	<i>2</i>	<i>ea</i>	<i>285.00</i>	<i>570.00</i>
<i>404</i>		<i>1</i>			<i>Port Collar</i>	<i>5 1/2</i>	<i>in</i>	<i>1</i>	<i>ea</i>	<i>2650</i>	<i>2650.00</i>
<i>406</i>		<i>1</i>			<i>Latch down pipe & baffle</i>	<i>5 1/2</i>	<i>in</i>	<i>1</i>	<i>ea</i>	<i>275.00</i>	<i>275.00</i>
<i>407</i>		<i>1</i>			<i>Insert float shoe w/ auto fill</i>	<i>5 1/2</i>	<i>in</i>	<i>1</i>	<i>ea</i>	<i>375</i>	<i>375.00</i>

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 *0715*

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?				<i>1</i>	<i>6480.00</i>
WE UNDERSTOOD AND MET YOUR NEEDS?				<i>2</i>	<i>5820.75</i>
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				<i>subtotal 12300.75</i>	
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				<i>Gray TAX 7.3%</i>	<i>674.36</i>
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	<i>12,975.11</i>
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					



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

TICKET CONTINUATION

TICKET No. 24745

CUSTOMER *American Warrior* WELU *Kramer 3-31* DATE *10 Oct 13* PAGE *2* OF *2*

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
325		1				STANDARD cement (for et-2)	175	sk			14.00	2450.00
284		1				Calseal	800	lb	8	sk	35.00	2800.00
283		1				salt	900	lb			0.20	180.00
292		1				halad-322	125	lb			7.75	968.75
276		1				Floccle	50	lb			2.00	100.00
281		1				mix flush	500	gal			1.25	625.00
221		1				KCH liquid	2	gal			25.00	50.00
290		1				D-air	2	gal			42.00	84.00
581						SERVICE CHARGE	175				2.00	350.00
583						MILEAGE CHARGE	18325	TOTAL WEIGHT	80	LOADED MILES	1.00	733.00
								TON MILES	133			

CONTINUATION TOTAL 5820.75

JOB LOG

SWIFT Services, Inc.

DATE 10 OCT 13 PAGE NO. 1

CUSTOMER American Warrior WELL NO. 3-31 LEASE Kramer JOB TYPE cement long string TICKET NO. 24745

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175sk EA-2 cement w/ 1/2" Floccula RTD 500 LTD 5003 set 4966' 118 jts 5 1/2" x 15.5# 4952' Port Collar - #73 - 1909' shoejt 20.23' Cont 1, 3, 5, 7, 9, 11, 13, 72, 74 Basket 4, 73
	0300							on loc TRK 114
	0310							start 5 1/2" x 15.5# casing
	0530							Drop ball - circulate
	0545	4 3/4	12				200	Pump 500gal mud flush
		4 3/4	20				200	Pump 20 bbl KCL flush
	0525		11					Plug RH-MH 30sk - 20sk
	0607	4 3/4	31				200	mix EA-2 cement 125sk @ 15.3ppg
								Drop latch down plug wash out pump & line
	0625	6 1/2					200	Displace plug
		6 1/2	110				850	
	0645	6 1/2	118				1500	hand plug
								Release pressure to truck - drill up
	0655							wash truck Back up
	0720							Job complete Flute Blaine Flint 1/2 size



CHARGE TO: **AMERICAN WARRIOR**
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET 25721

PAGE 1 OF

SERVICE LOCATION: 1. **NESS CITY, KS** WELL/PROJECT NO. LEASE: **CRAMER 3-35** COUNTY/PARISH: **GRAY** STATE: **KS.** CITY: **GARDEN CITY, KS** DATE: **17 OCT 13** OWNER:
 2. TICKET TYPE: SERVICE SALES CONTRACTOR: **H D OILFIELD SERV.** RIG NAME/NO. SHIPPED VIA DELIVERED TO ORDER NO.
 3. WELL TYPE: **OIL** WELL CATEGORY: **DEVELOPMENT** JOB PURPOSE: **CEMENT PORT COLLAR** WELL PERMIT NO. WELL LOCATION: **19E, 10S, 1/2E, S100**
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE #115	80		MIL		6.00	480.00
576D					Pump CHARGE					1500.00	1500.00
105					PORT COLLAR OPENING TOOL					350.00	350.00
276					FLOCELE	35		lbs		2.00	70.00
290					D-AIR	1		gal		42.00	42.00
330					SMD CEMENT	125		SK		17.00	2125.00
581					CEMENT SERVICE CHARGE	225		SK		2.00	450.00
583					DRAPAGE.	22330		lbs	893.20 Tm	1.00	893.20

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: **17 OCT 13** TIME SIGNED: **1400** 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?				5910.20
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Gray TAX 7.37%
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		188.85
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL 6099.05

JOB LOG

SWIFT Services, Inc.

DATE 7 OCT 13 PAGE NO.

CUSTOMER AMERICAN WARRIOR WELL NO. LEASE CRAMER 3-35 JOB TYPE CEMENT PORT COLLAR TICKET NO. 25721

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							ON LOCATION
								PORT COLLAR @ 1907
	1235				✓		1000	TEST - HELD
	1237							OPEN PORT COLLAR
	1240	4	70	✓		600		MIX 125'S x 5M D
		3	6 1/2	✓		400		DISPLACE CEMENT
								CIRCULATE 2DSX TO PIT
	1300							CLOSE PORT COLLAR - TEST - HELD
	1306							RUN 4 TESTS.
	1310	4	18	✓		300		REVERSE CLEAN.
	1320							WASH TRUCK
	1400							JOB COMPLETE
								THANKS #115
								JASON & DAVE DUSTY