



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

TICKET 28691

PAGE 1 OF 2

SERVICE LOCATIONS
 1. **NESS CITY, KS** WELL/PROJECT NO. **MEYERS 3-9** COUNTY/PARISH **SEWARD** STATE **KS.** CITY **KISMET, KS.** DATE **15 July 15** OWNER
 2. TICKET TYPE SERVICE SALES CONTRACTOR **DUKE DRILLING RIG #5** RIG NAME/NO. SHIPPED VIA DELIVERED TO ORDER NO.
 3. WELL TYPE **OIL** WELL CATEGORY **DEVELOPMENT** JOB PURPOSE **52 LONGSTRING** WELL PERMIT NO. WELL LOCATION **1/4 SW, W. T. 20**
 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	120		ML		5.00	600.00
579					Pump CHARGE					1700.00	1700.00
403					CEMENT BASKETS	3		EA.		250.00	750.00
407					INSERT FLOAT SHOE W/FILL	1		EA.		300.00	300.00
408					DV TOOL & PLUG SET.	1		EA.		3250.00	3250.00
409					TURBOLIZERS	15		EA.		75.00	1125.00
417					DV LATCH DOWN PLUG & BAFFLE	1		EA.		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

X *Kenneth M. Gue*
 DATE SIGNED **16 July 15** TIME SIGNED **0500** 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	
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL 1 7925.00
WE UNDERSTOOD AND MET YOUR NEEDS?				2 9265.25
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				subtotal 17,190.25
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Seward TAX 7.75% 980.32
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL 18,170.57
<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 *J. E. Ratoff* APPROVAL

Thank You!



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

TICKET CONTINUATION

TICKET No. 28691

CUSTOMER AMERICAN WARRIOR WELL MEYERS 3-9 DATE 15 July 15 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY	U/M	QTY	U/M		
276						FLOCELE	100	lbs			2 ²⁵	225 ⁰⁰
290						D-AIR	4	gal			42 ⁰⁰	168 ⁰⁰
231						MUD FLUSH	500	gal			1 ²⁵	625 ⁰⁰
221						LIQUID KCL	4	gal			25 ⁰⁰	100 ⁰⁰
330						SMD CEMENT	375	sx			15 ⁷⁵	5906 ²⁵
581						SERVICE CHARGE					1 ⁵⁰	562 ⁵⁰
583						MILEAGE CHARGE	37500	TOTAL WEIGHT	120	LOADED MILES	2238.0	1678 ⁵⁰

CONTINUATION TOTAL 9265²⁵

JOB LOG

SWIFT Services, Inc.

DATE 15 July 15 PAGE NO.

CUSTOMER AMERICAN WARRIOR WELL NO. LEASE MEYERS 3-9 JOB TYPE 5 1/2 LONGSTRING TICKET NO. 28691

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2030							ON LOCATION
	2250							START PIPE 5 1/2 - 15.5 # RIDE WILD SET @ 6142 SHOE JT. 21.32 CENTRALIZERS 1, 2, 3, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 63 BASKETS. 7, 25, 64 DU TOOL @ 3464 ON # 64
	0130							DROP BALL CIRCULATE
	0216	6	12				300	Pump 500 gal MUD FLUSH
		6	20				300	Pump 20 Bbl KCL SPACER
	0220	6	62					MIX 200 SX SMD
	0235							WASH OUT PUMP & LINES.
	0238	6						START DISPLACING PLUG
	0304	Ø	145 1/2				1500	PLUG DOWN - LATCH PLUG IN. RELEASE PSI - DRY
	0309							DROP DU OPENING TOOL
	0322						1400	OPEN DU TOOL
	0323	6	20				200	Pump 20 Bbl KCL SPACER
	0327		7.4					PLUG RH - 30 SX, MA - 20 SX
	0333	4	35				150	MIX 125 SX SMD 125 SX SMD
	0345							WASH OUT PUMP & LINES
	0348	6						START DISPLACING CLOSING PLUG
	0402	Ø	83				1500	PLUG DOWN - CLOSE DU TOOL
	0404							RELEASE PSI - DRY
	0408							WASH TRUCK
	0445							JOB COMPLETE.
								THANKS # 115
								JASON COLE ISAAC

CEMENTING LOG

Date 7/1/2015 District Liberal # 21 Ticket No. 65445
 Company American Warrior Rig Duke # 5
 Lease Meyers Well No #39
 County SEWARD State KS

Location _____
 Field _____

Casing Data Conductor PTA Squeeze Misc.
 Surface Intermediate Production Liner

Size 8 5/8 Type _____ Weight 24 Collar _____

Casing Depths Top _____ Bottom 1695

Drill Pipe: BBLs/LIN. FT _____ LIN. FT/BBL _____
 Open Hole: BBLs/LIN. FT _____ LIN. FT/BBL _____
 Capacity Factors: BBLs/LIN. FT _____ LIN. FT/BBL _____
 Casing BBLs/LIN. FT 0.0637 LIN. FT/BBL _____
 Open Holes BBLs/LIN. FT _____ LIN. FT/BBL _____
 Drill Pipe BBLs/LIN. FT _____ LIN. FT/BBL _____
 Annulus BBLs/LIN. FT 0.0735 LIN. FT/BBL 13.6037
 BBLs/LIN. FT _____ LIN. FT/BBL _____
 Perforations From _____ ft to _____ ft Amt _____

CEMENT DATA

Spacer Type 5 bbl water
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

LEAD: Time _____ hrs. Type CLASS A
65/35, 6%GEL, 3%CC, 1/4FLOSEAL Excess _____

Amt. 700 Sks Yield 2 ft³/sk Density 12.46 PPG
 TAIL: Time _____ hrs. Type CLASS A

3%cc, 1/4 floseal Excess _____
 Amt. 200 Sks Yield 1.2 ft³/sk Density 15.63 PPG
 WATER Lead 10.9 Gal/sk Tail 5.2 Gal/sk Total _____ BBLs

Pump Trucks Used: 531-541
 Bulk Equipment 994-642
868-774

Float Equipment: Manufacturer WEATHERFORD
 Shoe: Type GUIDE SHOE Depth 1695
 Float: Type AFU Insert Valve Depth 1652.84
 Centralizers: Quantity 3 Plugs Top 1 Bottom _____
 Stage Collars _____
 Special Equipment Cement Basket @ 1054' ft
 Disp: Fluid Type H2O Amt 105 bbls Weight 8.34 PPG
 Mud Type _____ Weight _____

COMPANY REPRESENTATIVE _____ CEMENTER CESAR PAVIA

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLs/MIN	
800AM						ARRIVE TO LOCATION – RUN FLOAT EQUIPMENT
830AM						RIG UP
900AM						CASING ON BOTTOM
930AM						SAFETY MEETING
950AM	2000					PRESSURE TEST
1005AM	40		5		4	5 BBL WATER SPACER
1100AM	60		254		4	PUMP 249 BBL OF LEAD SLURRY CEMENT
1130AM	80		297		3	PUMP 43BBL OF TAIL SLURRY CEMENT LOST CIRCULATION P/SLOW3BPM
1132AM					4	RELEASE PLUG- START DISPLACEMENT CIRCULATION BACK
1136AM	120		317		4	20 BBL GONE
1140AM	150		337		4	40 BBL GONE
1145AM	420		357		4	60BBLGONE
1150AM	500		377		4	80 BBL GONE CEMENT CIRCULATE
1159AM	460		397		2	93 BBL GONE STOP PUMPING FOR 7 MIN CEMENT DROP.
1206PM	680		402		1	STAR PUMP 5 BBL MORE AND STOP PUMPING 98 BBL GONE AND WE
	1000				1	WAIT 10 MIN MORE AND THE CEMENT DROP LITTLE BIT
1216PM	880				1	STAR PUMP 7 BBL TO COMPLITE THE DISPLACEMENT 105 BBL TOTAL
1233PM	1380					BUMP THE PLUG
1238PM						COMPANY MAN DECIDE LIVE 500 PSI ON CASING AND LIVE THE
						CEMENT HEAD
1240PM						WAIT 30 MIN MORE AND STAY LOKING IF THE CEMENT DROP
110PM						CEMENT SET UP AND THE JOB IS OK
						DENSOMETER DO NOT WORK RIGHT A WE USE MUD SCALE
130PM						RIG DOWN
200PM						LEAVE LOCATION
						25 BBL OF CEMENT BACK

FINAL DISP. PRESS. 880 PSI BUMP PLUG TO 1380 PSI BLEEDBACK 0.5 BBLs THANK YOU