

Date 6/20/2014 District Liberal # 21 Ticket No. 53144
 Company AMERICAN WARRIOR Rig DUKE # 5
 Lease IRSIK Well No 2-25
 County GRAY State KS.
 Location _____
 Field _____
 Casing Data Conductor PTA Squeeze Misc.
 Surface Intermediate Production Liner
 Size 8 5/8 Type j-55 Weight 24# Collar _____

CEMENT DATA

Spacer Type 10 BBLs H2O
 Amt. _____ Sks Yield _____ ft³/sk Density 8.34 PPG _____
 LEAD: Time _____ hrs. Type CLASS A 65/35/6%GEL
3%CC, .5LB/SK FLOSEAL Excess 100%
 Amt. 625 Sks Yield 2 ft³/sk Density 12.46 PPG _____
 TAIL: Time _____ hrs. Type CLASS A
3%CC, 1/4 LB/SK FLOSEAL Excess 100%
 Amt. 200 Sks Yield 1.2 ft³/sk Density 15.6 PPG _____
 WATER Lead 10.9 Gal/sk Tail 5.2 Gal/sk Total 187 BBLs _____
 Pump Trucks Used: 531-541
 Bulk Equipment 774-744
373-308

Casing Depths Top _____ Bottom 1698 ft.

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 15.698
 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 13.605
 BBLs/LIN. FT _____ LIN. FT/BBL _____
 Perforations From _____ ft to _____ ft Amt _____

Float Equipment: Manufacturer WEATHERFORD
 Shoe: Type GGUIDESHOE Depth 1698 FT.
 Float: Type AFU INSERTFLOAT Depth 1655/.85 FT.
 Centralizers: Quantity 3 Plugs Top 1 Bottom _____
 Stage Collars _____
 Special Equipment _____
 Disp: Fluid Type H2O Amt 105.5 bbls Weight 8.34 PPG _____
 Mud Type _____ Weight _____

COMPANY REPRESENTATIVE _____ CEMENTER Ruben Chavez

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLs/MIN	
5:30						Got To Location Spot Trucks, And Rig Up.
8:00						Have A Prejob Safety Meeting
8:15	200		2	2	2	Pump 2 BBLs H2O To Fill Pump Lines
8:20						PRESSURE TEST 2500 PSI pumping lines
8:23	200		10	8	5	Start pumping 10 bbls h2o SPACER
8:25	250		232.6	222.6	6	Start pumping 625 sk cement, 222.6 bbls slurry
9:00	220		275.3	42.7	4.5	Start pumping tail cement 200 sk cement 42.7 bbls slurry.
9:10						Shut down
						Wash pumping lines
9:13						Drop plug
9:15	0		370.3	95	6	Start displacement
9:32	650		380.8	10.5	3	Slow down pumping rate
9:36	800					Finished displacement
	1300					Bump plug at 1300 psi
9:40	1300					Release pressure float held good
						Circulate 55 BBLs SLURRY to pit
						Job finished
						Rig down
						Thank you

FINAL DISP. PRESS. 800 PSI BUMP PLUG TO 1300 PSI BLEEDBACK 0.5 BBLs **THANK YOU**



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

TICKET 25598

PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>Atchafalaya KS</u>	WELL/PROJECT NO. <u>* 2-35</u>	LEASE <u>Irsik Equities</u>	COUNTY/PARISH <u>Gray</u>	STATE <u>KS</u>	CITY <u>Garden City</u>	DATE <u>6-29-14</u>	OWNER
2. <u>Hays</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Duke Drilling</u>	RIG NAME/NO. <u>#5</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 5 1/2" Longstring</u>	WELL PERMIT NO.	WELL LOCATION <u>Garden City - 20w, 10s, 1w, 1/2w</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			100	mi	6 ⁰⁰	600 ⁰⁰
578		1			Pump Charge - Longstring			1	job	1500 ⁰⁰	1500 ⁰⁰
402		1			Centralizer			5 1/2	in	10 ⁰⁰	700 ⁰⁰
403		1			Cement Basket			5 1/2	in	2 ⁰⁰	300 ⁰⁰
406		1			Latch Down Plug + Baffle			5 1/2	in	1 ⁰⁰	275 ⁰⁰
407		1			Insert Flout Shoe w/Auto Fill			5 1/2	in	1 ⁰⁰	375 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 Ronald M. Lue
 DATE SIGNED 6-29-14 TIME SIGNED 1800 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	#1	4050 ⁰⁰
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL	#2 6349 ⁰⁰
WE UNDERSTOOD AND MET YOUR NEEDS?				subtotal	10,399 ⁰⁰
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Gray TAX 7.3%	513 ³⁰
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TOTAL	10,912 ³⁰
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				



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

TICKET CONTINUATION

TICKET No. 25598

CUSTOMER American Warrior WELL Lrsik Equities #2-35 DATE 6-29-14 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				
325		1				Standard Cement					175	sk	14.50	2537.50
284		1				Cal Seal	5	%			8	sk	35.00	280.00
283		1				Salt	10	%			900	lbs	0.20	180.00
292		1				Halact-322	34	%			150	lbs	8.00	1200.00
276		1				Flocle	1/4	lb			50	lbs	2.50	125.00
290		1				D-Air					2	gal	42.00	84.00
281		1				Mud Flush					500	gal	1.25	625.00
221		1				Liquid KCL					2	gal	25.00	50.00
581		1				SERVICE CHARGE					CUBIC FEET	175	2.00	350.00
583		1				MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES			917.50	1.00	917.50
							18350	100						

CONTINUATION TOTAL 6349.00

JOB LOG

SWIFT Services, Inc.

DATE 6-29-14 PAGE NO.

CUSTOMER American Whurrer WELL NO. 2-35 LEASE Irsik Equities JOB TYPE Cement 5 1/2" Longstring TICKET NO. 25598

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1700							on location
								RTD-5100 LTD-5101 TP-5091.37 SJ #1 20.86 Cent-1,2,3,4,5,7,9,11,13,15 Basket - 2, 6 5 1/2" 15.5"
	1815							Start 5 1/2" 15.5" casing in well
	2015							Drop Ball circulate
	2035	6 1/2	12		✓		400	Pump 500 gal Mud flush
		6 1/2	20		✓		400	Pump 20 bbl KCL Flush
			7-5					Plug RH - MH (30-20)
	2050	4 1/2	30		✓		300	mix 125 slts EA-2 @ 15.5 ppg
								wash out Pump + Lines Release Latch Down Plug
	2105	6 1/2	0		✓		100	Start Displacement
		6 1/2	96		✓		500	Lift Pressure
		6 1/2	120		✓		900	Max Lift Pressure
	2123	6 1/2	120.7		✓		1700	Land Latch Down Plug
								Release Pressure - Hold -
								wash up truck
	2145							Job Complete

Thank You
Dave Jon Craig