

Date 5/23/2014 District Liberal # 21 Ticket No. 53134  
 Company AMERICAN WARRIOR Rig DUKE # 5  
 Lease O'BRATE-FINNEY Well No 2-15  
 County FINNEY State KS.

Location \_\_\_\_\_  
 Field \_\_\_\_\_

Casing Data  Conductor  PTA  Squeeze  Misc.  
 Surface  Intermediate  Production  Liner

Size 8 5/8 Type j-55 Weight 24# Collar \_\_\_\_\_

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 \_\_\_\_\_

CEMENT DATA  
 Spacer Type 5 BBLs H2O  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density 8.34 PPG

LEAD: Time \_\_\_\_\_ hrs. Type 65/35/6%GEL  
3%CC, .5LB/SK. FLOSEAL Excess 100%

Amt. 625 Sks Yield 2 ft<sup>3</sup>/sk Density 12.46 PPG  
 TAIL: Time \_\_\_\_\_ hrs. Type CLASS A NEAT

Excess 100%  
 Amt. 200 Sks Yield 1.19 ft<sup>3</sup>/sk Density 15.6 PPG  
 WATER Lead 10.9 Gal/sk Tail 5.2 Gal/sk Total 186.9 BBLs

Pump Trucks Used: 531-541  
 Bulk Equipment 495-841

Float Equipment: Manufacturer weatherford  
 Shoe: Type guideshoe Depth 1698 ft.  
 Float: Type AFU INSERT FLOAT Depth 1655.71 ft.  
 Centralizers: Quantity 3 Plugs Top 1 Bottom \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equipment CEMENT BASKET  
 Disp: Fluid Type H2O Amt 105.5 bbls Weight 8.4 PPG  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_

COMPANY REPRESENTATIVE \_\_\_\_\_ CEMENTER Ruben Chavez

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLs/MIN	
8:00						Got To Location Spot Truks, And Rig Up.
12:05						Have A Pre-job Safety Meeting
12:25	300		2	2	2	Pump 2 bbls h2o to fill up pumping lines
12:28						pressure test to 2500 PSI
12:30	300		10	8	3	start pumping 10 BBLs H2O SPACER
12:35	300		232.6	222.6	7	Start pumping lead cement 625 SK, 222.6 BBLs SLURRY
1:10	140		275.3	42.7	5	Start pumping cement tail 200 sk cemenT42.7 BBLs SLURRY
1:25						Shut down
						Wash pumping lines
1:28						Drop the plug
1:29	0		375.3	95	6	Start displacement
1:45	500		385.8	10.5	3	Slow down pumping rate
1:48	600					Finished displacement t
	1100					Bump plug at 1100 psi
						Circulate 50 bbls of slurry to pit
1:53	1100					Release pressure float held good
						Job finished
						Wash pumping lines
						Rig down
						Thankyou

FINAL DISP. PRESS. 600 PSI BUMP PLUG TO 1100 PSI BLEEDBACK \_\_\_\_\_ BBLs **THANK YOU**



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

TICKET 26330

PAGE 1 OF 2

SERVICE LOCATIONS  
 1. Avoca KS WELL/PROJECT NO. 2-15 LEASE O'Brate-Finney COUNTY/PARISH Finney STATE KS CITY Piercerville DATE 19 Jun 14 OWNER  
 2. TICKET TYPE  SERVICE  SALES CONTRACTOR Duke RIG NAME/NO. 8 SHIPPED VIA CT DELIVERED TO location ORDER NO.  
 3. WELL TYPE o.i. WELL CATEGORY Development JOB PURPOSE cement long string WELL PERMIT NO. WELL LOCATION 15-25-31  
 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	100	mi			6.00	600.00
578		1			Pump Charge	1	ea			1500.00	1500.00
402		1			Centralizer	52	in	9	ea	70.00	630.00
403		1			Cement Basket	52	in	2	ea	300.00	600.00
406		1			Latch down plug & handle	52	in	1	ea	275.00	275.00
407		1			Inset float shoe w/ AUTO FILL	52	in	1	ea	375.00	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  
 DATE SIGNED TIME SIGNED  A.M.  P.M.  
12:50

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?				1	3980.00
WE UNDERSTOOD AND MET YOUR NEEDS?				2	6189.75
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				subtotal	10,169.75
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Finney TAX 7.3%	496.66
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	10,666.41
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					



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

TICKET CONTINUATION

TICKET No. 26330

CUSTOMER American Warrior WELL O'Boate-Finney, 2-15 DATE 1 Jun 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 (for EA-2)	175	sk			14 50	2537.50
284		1				catseal	800	lb	8	sk	35 00	280.00
283		1				salt	900	lb			0 20	180.00
292		1				brinol-322	125	lb			8 00	1000.00
276		1				flocelc	50	lb			2 50	125.00
281		1				mid flush	500	gal			1 25	625.00
221		1				KCL liquid	2	gal			25 00	50.00
290						D-AIR	3	gal			42 00	126.00
581		1				SERVICE CHARGE	175				2 00	350.00
583		1				MILEAGE CHARGE	TOTAL WEIGHT 18305	LOADED MILES 700	TON MILES 916.25		1 00	916.25

CONTINUATION TOTAL 6189.75

JOB LOG

SWIFT Services, Inc.

DATE Jan 14 PAGE NO.

CUSTOMER American Warrior WELL NO. 2-15 LEASE Ostrate-Finney JOB TYPE cement long string TICKET NO. 26330

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sk EA-2 w) 1/4" floable 5 1/2" x 15.5" casing 118 joints 49524' RTD=5000 bbl @ 4984 21.4' shoe joint Centralizers 1, 2, 3, 4, 5, 7, 9, 11, 13 Basket 2, 6
	0800							on loc TRK 114
	0839							start 5 1/2" x 15.5" casing in well
	1035							Drop ball - circulate
	1100	4	12				200	Pump 500 gal mud flush
		4	20				200	Pump 20 bbl KCL flush
			7					Plug RH - MH <del>30 sk</del> - <del>20 sk</del>
	1125	4	35				200	mix EA-2 cement <del>125 sk</del> @ 15.3 ppg
								Drop latch drum plug wash out pump line
	1132	6					200	Displace plug
		6	108				750	
	1200	6	168				1450	Land plug
	1202							Release pressure to truck - dried up
	1207							wash truck
	1230							Rack up
	1235							job complete
								Thanks Blaine Flint & Isaac