

CEMENTING LOG

Date 8/24/2014 District Liberal # 21 Ticket No. 61605
 Company American Warrior Rig Duke # 10
 Lease CLARK Well No 6-2
 County Finney 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 1706

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, 1/4FLOEAL Excess _____

Amt. 625 Sks Yield 2 ft³/sk Density 12.46 PPG

TAIL: Time _____ hrs. Type CLASS A
3%cc, 1/4 floeal 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: 903-501
 Bulk Equipment 994-8642
869-554
993-467

Float Equipment: Manufacturer WEATHERFORD

Shoe: Type GUIDE SHOE Depth 1706

Float: Type AFU Insert Valve Depth 1662.2

Centralizers: Quantity 3 Plugs Top 1 Bottom _____

Stage Collars _____

Special Equipment Cement Basket @ 1054' ft

Disp: Fluid Type H2O Amt 105.8 bbls Weight 8.34 PPG

Mud Type _____ Weight _____

COMPANY REPRESENTATIVE _____ CEMENTER ALDO ESPINOZA

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLs/MIN	
430AM						ARRIVE TO LOCATION -- RUN FLOAT EQUIPMENT
500AM						RIG UP
530AM						CASING ON BOTTOM
540AM						SAFETY MEETING
550AM	1900					PRESSURE TEST
552AM	40		5		5	5 BBL WATER SPACER
600AM	60		227		6	PUMP 222 BBL OF LEAD SLURRY CEMENT
624AM	80		270		6	PUMP 43 BBL OF TAIL SLURRY CEMENT
					4	RELEASE PLUG- START DISPLACEMENT
641AM	120		290		5	20 BBL GONE
644AM	150		310		5	40 BBL GONE
650AM	420		330		8	60BBLGONE
654AM	500		350		5	80 BBL GONE
656AM	460		360		3	100 BBL GONE SLOW DOWN TO 3 BPM
700AM	480		365		3	BUMP PLUG
705AM	1200					RELEASE PRESSURE, CHECK FLOATS
730AM						RIG DOWN
800AM						LEAVE LOCATION
						110 BBL OF CEMENT BACK

FINAL DISP. PRESS. 480 PSI BUMP PLUG TO 1200 PSI BLEEDBACK 0.5 BBLs THANK YOU



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

TICKET 26695

PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>Ness City, Ks</u>	WELL/PROJECT NO. <u>6-2</u>	LEASE <u>CLARK</u>	COUNTY/PARISH <u>FINNEY</u>	STATE <u>Ks</u>	CITY	DATE <u>8-31-14</u>	OWNER <u>SAME</u>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>DUKE DRUG #10</u>	RIG NAME/NO.	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>5 1/2" LONGSTRING</u>	WELL PERMIT NO.	WELL LOCATION <u>N/PERCEVDLE, Ks</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 #114	80		ME		6.00	480.00
578		1			PUMP CHARGE	1		JOB	5042 FT	1500.00	1500.00
221		1			LIQUID KCL	2		Gal		25.00	50.00
281		1			MUDFLUSH	500		Gal		1.25	625.00
402		1			CENTRALIZERS	9		EA	5 1/2"	70.00	630.00
403		1			CEMENT BASKET	1		EA		300.00	300.00
406		1			LATCH DOWN PLUG - BAFFLE	1		EA		275.00	275.00
407		1			INSERT FLOAT SHOE w/AUTO FILL	1		EA		375.00	375.00
419		1			ROTATING HEAD RENTAL	1		JOB		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
 DATE SIGNED 8-31-14 TIME SIGNED 2:00 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 #1	4435.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				#2	5415.50
WE UNDERSTOOD AND MET YOUR NEEDS?				Subtotal	9850.50
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				TAX	495.49
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Finney 7.3%	
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	10,345.99
<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 WAVE WILSON APPROVAL

Thank You!



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

TICKET CONTINUATION

TICKET No. 26695

CUSTOMER: AMERICAN WARRIOR INC
WELL: CLARK 6-2
DATE: 8-31-14
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	EA-2	175	SKS		14.50	2537.50		
276		1				FLOCELE		50	LBS		2.50	125.00		
283		1				SALT		900	LBS		.20	180.00		
284		1				CALSSAL		8	SKS	800 LBS	35.00	280.00		
292		1				HAW-322		125	LBS		8.00	1000.00		
290		1				D-ADR		5	GAL		42.00	210.00		
581		1				SERVICE CHARGE				CUBIC FEET	175	2.00	350.00	
583		1				MILEAGE CHARGE	TOTAL WEIGHT	18325	LOADED MILES	80	TON MILES	733	1.00	733.00

CONTINUATION TOTAL 5415.50

JOB LOG

SWIFT Services, Inc.

DATE 8-31-14 PAGE NO. 7

CUSTOMER AMERICAN WOODCOCK INC WELL NO. 6-2 LEASE CLARK JOB TYPE 5 1/2" LONGSTRING TICKET NO. 26695

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2100							ON LOCATION
	2200							START 5 1/2" CASING IN WELL
								TD-5050 SETC 5042 TP-5042 5 1/2" #15.5 ST-22' CENTRALIZERS - 1, 3, 5, 7, 9, 11, 13, 15, 17 CMT BSRT - 10
	2400							DROP BALL - CALCULATE ROTATE
	0045	6	12		✓		500	PUMP 500 GAL MUD FLUSH
	0047	6	20		✓		500	PUMP 20 BBL KCL FLUSH
	0055		7-5					PLUG RH (30SKS) MH (20SKS)
	0100	4	30		✓		300	MAX CEMENT - 125 SKS EA2 @ 15.4 PP6
	0112							WASH OUT PUMP - LINES
	0112							RELEASE LATCH DOWN PLUG
	0115	7	0		✓		0	DISPLACE PLUG
		7	115				750	
	0133	6	119.5				1500	PLUG DOWN - PSE UP LATCH IN PLUG
	0135						OK	RELEASE PSE - HEAD
								WASH TRUCK
	0230							JOB COMPLETE
								THANK YOU WAYNE, JASON, ROB