



CEMENTING LOG

Date 10/23/2014 District Liberal # 21 Ticket No. 61706
 Company American Warrior Rig Duke #9
 Lease Irsik-Finney Well No 2-23
 County Finney State Ks

Location _____
 Field _____
 Casing Data Conductor RTA Squeeze Misc.
 Surface Intermediate Production Liner
 Size 8 5/8 Type _____ Weight 24# Collar _____

Casing Depths Top _____ Bottom 1711

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 _____ LIN. FT/BBL _____
 Open Holes BBLS/LIN. FT _____ LIN. FT/BBL _____
 Drill Pipe BBLS/LIN. FT _____ LIN. FT/BBL _____
 Annulus BBLS/LIN. FT _____ LIN. FT/BBL _____
 Perforations From _____ ft to _____ ft Amt _____

CEMENT DATA

Spacer Type H2O
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
10 bbls

LEAD: Time _____ hrs. Type 65/35 6% Gel 3%CC
.5# Floseal Excess _____

Amt. 625 Sks Yield 2 ft³/sk Density 12.4 PPG

TAIL: Time _____ hrs. Type Class A 3% CC 1/4# Flo Seal
 Excess _____

Amt. 200 Sks Yield 1.21 ft³/sk Density 15.6 PPG

WATER Lead 10.9 Gal/sk Tail 5.2 Gal/sk Total _____ BBLs

Pump Trucks Used: 549-550
 Bulk Equipment 562-528
869-660

Float Equipment: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Bottom _____
 Stage Collars _____
 Special Equipment _____
 Disp: Fluid Type _____ Amt _____ bbls Weight _____ PPG
 Mud Type _____ Weight _____

COMPANY REPRESENTATIVE _____ CEMENTER Lenny Baeza

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLs/MIN	
10:00am						On location @ 3:00am
10:15am						Rigging up to the well head
11:45am	1500					Pressure test lines
11:48am	250		10		4	Pumping 10 bbls of water ahead
11:50am	240		232		6	Mixing cement 625sk @12.4#
12:23pm	200		265		4	Mixing cement 200sk @ 15.6#
12:34pm	0		265		0	Shut down and releases the plug
12:36pm	80		265		3	Plug left the head started displacement of 106 bbls
12:44pm	240		305		5	40bbls gone
12:52pm	370		325		6	60bbls gone
1:00pm	500		345		6	80bbls gone
1:08pm	620		365		6	100bbls gone
1:15pm	1300		371		3	106 bbls gone and landed the plug 1300 psi
	0		0		0	Release the psi and float is not holding shutting down well with 500psi
						40 bbls of cement to surface
						rigging up
						Leaving location @ 2:00pm

FINAL DISP. PRESS. 630 PSI BUMP PLUG TO 1300 PSI BLEEDBACK 0.5 BBLs THANK YOU



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

TICKET 28012

PAGE 1 OF 2

SERVICE LOCATIONS
 1. **NESS CITY, KS.** WELL/PROJECT NO. **2-23** LEASE **IRISK-FINNEY** COUNTY/PARISH **FINNEY** STATE **KS.** CITY **GARDEN CITY, KS.** DATE **30 OCT 14** OWNER
 2. TICKET TYPE SERVICE SALES CONTRACTOR **DUKE DRILLING RIG #10** RIG NAME/NO. SHIPPED VIA DELIVERED TO ORDER NO.
 3. WELL TYPE **OIL** WELL CATEGORY **DEVELOPMENT** JOB PURPOSE **5 1/2 LONGSTRING** WELL PERMIT NO. WELL LOCATION **Hwy 50, SE, 4E, 1S, 1 1/2 W, Ninto**
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			U/M		U/M	
575					MILEAGE #115	90	mi	6	100	540.00
578					Pump CHARGE	1	JOB	1500	100	1500.00
402					CENTRALIZERS	9	EA.	70	100	630.00
403					CEMENT BASKET	1	EA.	300	100	300.00
406					LATCH DOWN PLUG & BAFFLE	1	EA.	275	100	275.00
407					INSERT FLOAT SHOE W/ FILL	1	EA.	375	100	375.00
419					ROTATING HEAD RENTAL	1	JOB	200	100	200.00
281					MUD FLUSH	500	gal	1	25	625.00
221					LIQUID KCL	2	gal	25	100	50.00

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 **30 OCT 14** TIME SIGNED **2030** 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 4495 100 2 5381 100
WE UNDERSTOOD AND MET YOUR NEEDS?				subtotal 9876 100
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Finney TAX 486 29 7.3%
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TOTAL 10,362 41
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				
<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 *Jose E. Katliff* APPROVAL

Thank You!



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

TICKET CONTINUATION

TICKET No. 28012

CUSTOMER AMERICAN WARRIOR WELL IRISK-FINNEY 2-23 DATE 30 OCT 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		
276						FLOCELE	50	lbs			2 ⁵⁰	125 ⁰⁰
283						SALT	900	lbs			2 ⁰⁰	180 ⁰⁰
284						CAUSEAL	8	sx			35 ⁰⁰	280 ⁰⁰
292						HALAD-322	125	lbs			8 ⁰⁰	1000 ⁰⁰
290						D-AIR	2	gal			42 ⁰⁰	84 ⁰⁰
325						STANDARD EA-2	175	sx			14 ⁵⁰	2537 ⁵⁰
581						SERVICE CHARGE					2 ⁰⁰	350 ⁰⁰
583						MILEAGE CHARGE					1 ⁰⁰	824 ⁰⁰
						TOTAL WEIGHT	18325					
						LOADED MILES	70					
						TON MILES	824.62					

CONTINUATION TOTAL 5381.12

JOB LOG

SWIFT Services, Inc.

DATE 30 OCT 14 PAGE NO.

CUSTOMER AMERICAN WARRIOR WELL NO. 2-23 LEASE FRSIK-FINNEY JOB TYPE 5 1/2 LONGSTRING TICKET NO. 28012

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1400							ON LOCATION
	1630							START PIPE 5 1/2 - 15.5" RTDP 5100 SET @ 5091 SHOE JT. 21.15 CENTRALIZERS 1,3,5,7,9,11,13,15,17 BASKET 10
	1844							DROP BALL CORRUATE.
	1923	6	12		✓		300	Pump 500 gal mud FLUSH
		6	20		✓		300	Pump 20 Bbl KCL SPACER
	1929		7.5					PLUG RH-30sx MH 20sx
	1936	4	30		✓			MIX 125sx EA-2
	1946							WASHOUT Pump & LINES.
	1949	6			✓			START DISPLACING PLUG.
	2004	Ø	121		✓		1500	PLUG DOWN - LATCH PLUG IN.
	2006							RELEASE PSI - DRY
	2010							WASH TRUCK
	2030							JOB COMPLETE
								THANKS #115
								JASON DAVE PRESTON