

CEMENTING LOG

Date 6-13-14 District Liberal # 21 Ticket No. 53081
 Company American Warrior Rig Duke # 10
 Lease O-BRATE-FINNEY Well No 3-15
 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 1700

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. 625 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: 903-501
 Bulk Equipment 955-528
774-744

Float Equipment: Manufacturer WEATHERFORD
 Shoe: Type GUIDE SHOE Depth 1700
 Float: Type AFU Insert Valve Depth 1658
 Centralizers: Quantity 3 Plugs Top 1 Bottom _____
 Stage Collars _____
 Special Equipment Cement Basket @ 1054' ft
 Disp: Fluid Type H2O Amt 105.6 bbls Weight 8.34 PPG
 Mud Type _____ Weight _____

COMPANY REPRESENTATIVE

Alejandro Ordonez

CEMENTER

ALDO ESPINOZA

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	
700PM						ARRIVE TO LOCATION -- RUN FLOAT EQUIPMENT
800PM						RIG UP
1000PM						CASING ON BOTTOM
1040PM						SAFETY MEETING
1059PM		1400				PRESSURE TEST
1103PM		40		5	5	5 BBL WATER SPACER
1106PM		60		227	6	PUMP 222 BBL OF LEAD SLURRY CEMENT
1138PM		80		270	6	PUMP 43 BBL OF TAIL SLURRY CEMENT
1147PM					4	RELEASE PLUG- START DISPLACEMENT
1151PM		120		290	5	20 BBL GONE
1157PM		150		310	5	40 BBL GONE
1159PM		420		330	5	60BBLGONE
1201AM		500		350	5	80 BBL GONE
1209AM		460		360	3	100 BBL GONE SLOW DOWN TO 3 BPM
1215AM		480		365	3	BUMP PLUG
1220AM						RELEASE PRESSURE, CHECK FLOATS
1240AM						RIG DOWN
100AM						LEAVE LOCATION
						80 BBL OF CEMENT BACK
						BY EMIGDIO'S'S REQUEST MIX LEAD SLURRY @ 13 # / G

FINAL DISP. PRESS. 480 PSI BUMP PLUG TO 800 PSI BLEEDBACK 0.5 BBLs **THANK YOU**



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

TICKET 26371

PAGE 1 OF 2

SERVICE LOCATIONS
 1. **NESS CITY, KS** WELL/PROJECT NO. LEASE **FINNEY-OBRITE 3-15** COUNTY/PARISH **FINNEY** STATE **KS.** CITY **PEERCEVILLE, KS.** DATE **21 JUN 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 **S² LONGSTRING** WELL PERMIT NO. WELL LOCATION **152W, NINTO**
 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	100	mk			6.00	600.00
578					Pump CHARGE	1	JOB			1500.00	1500.00
402					CENTRALIZERS	9	EA.			70.00	630.00
403					CEMENT BASKET	1	EA.			300.00	300.00
406					LATCH DOWN PLUG & RAFFLE	1	EA.			275.00	275.00
407					INSERT FLOAT SHADE W/ FILL	1	EA.			375.00	375.00
281					MUD FLUSH	500	gal			1.25	625.00
221					LIQUID KCL	2	gal			25.00	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 **21 Jun 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 4355.75
WE UNDERSTOOD AND MET YOUR NEEDS?				2 5472.75
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Subtotal 9827.75
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Finney TAX 7.37% 471.69
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL 10,299.44
<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 *[Signature]* APPROVAL

Thank You!



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

TICKET CONTINUATION

TICKET No. 26371

CUSTOMER AMERICAN WARRIOR

VEHICLE FINNEY-OPRATE 3-15

DATE 21 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		
276						FLOCELE	50	lbs			2 ⁵⁰	125 ⁰⁰
283						SALT	900	lbs			2 ⁰⁰	180 ⁰⁰
284						CALSEAL	8	sx			35 ⁰⁰	280 ⁰⁰
292						HALAD 322	125	lbs			8 ⁰⁰	1000 ⁰⁰
290						D-AIR	2	gpr			42 ⁰⁰	84 ⁰⁰
325						STANDARD EA-2	175	sx			14 ⁵⁰	2537 ⁵⁰
581						SERVICE CHARGE					2 ⁰⁰	350 ⁰⁰
583						MILEAGE CHARGE	18325	TOTAL WEIGHT	100	LOADED MILES	1 ⁰⁰	916 ²⁵
											175 ⁵⁰	350 ⁰⁰
											916 ²⁵	916 ²⁵

CONTINUATION TOTAL 5472⁷⁵

JOB LOG

SWIFT Services, Inc.

DATE 21 JUN 14 PAGE NO.

CUSTOMER AMERICAN WARRIOR WELL NO. 3-15 LEASE FINNEY-D'BRATE JOB TYPE 5 1/2 LONGSTRING TICKET NO. 26371

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	11000							ON LOCATION
	11040							START PIPE - 5 1/2 - 15.5 # RTD @ 5000 SET @ 4756 CENTRALIZERS 1,2,3,4,5,7,9,11,13 BASKET 7
	1845							DROP BALL CIRCULATE
	1917	6	12			300		Pump 500 gal MUD FLUSH
		6	20			300		Pump 20 Bbl KCL SPACER
	1923		7.5					PLUG RH 30sx, MH 20sx
	1929	4	30					MIX 125sx EA-2
	1941							WASH OUT Pump & LINES.
	1945	6						START DISPLACING PLUG.
	2004	Ø	113			1500		PLUG DOWN LATCH PLUG IN
	2007							RELEASE PSI - DRY
	2010							WASH TRUCK
	2030							JOB COMPLETE
								THANKS #115
								JASON DOUG JOHN