



CEMENTING LOG

Date 6/17/2014 District Liberal # 21 Ticket No. 52568
 Company American Warrior Rig Duke # 9
 Lease HANDEY Well No 8-29
 County SEWARD 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%BWOC CC, 1/4 FLOSEAL Excess _____
 Amt. 700 Sks Yield 2 ft³/sk Density 12.46 PPG
 TAIL: Time _____ hrs. Type CLASS A
3%cc, 1/4 floreal 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 705-642
956-841

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 1 Cement Basket @ 900 ft
 Disp: Fluid Type H2O Amt 105.6 bbls Weight 8.34 PPG
 Mud Type _____ Weight _____

COMPANY REPRESENTATIVE _____ CEMENTER ALDO ESPINOZA

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	
130PM						ARRIVE TO LOCATION - RUN FLOAT EQUIPMENT
615PM						CASING ON BOTTOM
630PM						RIG UP
645PM						SAFETY MEETING
700PM						PRESSURE TEST
702PM		80		5		5 BBL WATER SPACER
706PM		200		254		PUMP 249 BBL OF LEAD SLURRY CEMENT
748PM		120		297		PUMP 43 BBL OF TAIL SLURRY CEMENT
800PM						RELEASE PLUG- START DISPLACEMENT
805PM		140		317		20 BBL GONE
810PM		180		337		40 BBL GONE
814PM		260		357		60BBLGONE
818PM		340		377		80 BBL GONE
822PM		400		397		100 BBL GONE SLOW DOWN TO 3 BPM
826PM		420		403		BUMP PLUG
						RELEASE PRESSURE, CHECK FLOATS
						RIG UP
						LEAVE LOCATION
						90 BBL OF CEMENT BACK
						BY EMIGDIO'S REQUEST MIX LEAD SLURRY @ 13 # / G

FINAL DISP. PRESS. 420 PSI BUMP PLUG TO 990 PSI BLEEDBACK 0.5 BBLs THANK YOU

Customer <i>Palmer</i>	Lease No.	Date <i>6-29-14</i>
Lease <i>Handy</i>	Well # <i>8-29</i>	Service Receipt <i>05888</i>
Casing <i>5 1/2" MS</i>	County <i>Seward</i>	State <i>KS</i>
Job Type <i>242-5 1/2" Production</i>	Formation	Legal Description <i>29-34-31</i>

Pipe Data		Perforating Data		Cement Data
Casing size <i>5 1/2" 15.5'</i>	Tubing Size	Shots/Ft		Lead <i>450 sk AA2</i>
Depth <i>6496'</i>	Depth	From	To	Tail in
Volume <i>Disp-1536 bbl</i>	Volume	From	To	
Max Press <i>1500#</i>	Max Press	From	To	
Well Connection <i>ID-6500</i>	Annulus Vol.	From	To	
Plug Depth <i>ST 42'</i>	Packer Depth	From	To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:00					on loc-site assessment
8:05					spot trucks rig up
10:00					start csq, float equip
12:30					csq on dm, break circ
					safety meeting - ISA
1:30					pressure test 2500#
1:31	200		5	4	dump 5 bbl 470 spacer
1:33	200		12	4	dump 12 bbl superflush (500 gal)
1:37	200		5	4	dump 5 bbl 470 spacer
1:40	150		121	5	mix + pump 150 sk AA2 @ 14.8# - 1.51 g/sk
2:00					wash lines
2:03	100		0	6	drop latch down plug - disp csq
2:40	1700		145	2	slow rate
2:45	1700		1536	0	land plug, float held
			13	3	plug ratl + mouse holes w/ 50 sk 60/40 Poz
					job complete

Service Units	<i>34726</i>	<i>27462</i>	<i>304163-19566</i>	<i>19827-19883</i>
Driver Names	<i>A. Rivera</i>	<i>E. Mendoza</i>	<i>N. Bowers</i>	<i>C. Garcia</i>

J. Smith
Customer Representative

J. Bennett
Station Manager

A. Rivera
Cementer



1700 S. Country Estates Rd.
 Liberal, Kansas 67905
 Phone 620-624-2277

FIELD SERVICE TICKET
 1717 05888 A

DATE _____ TICKET NO. _____

DATE OF JOB: 6-29-14 DISTRICT: 1717		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER: Palmer Oil		LEASE: Handy # 8-29		WELL NO.:					
ADDRESS:		COUNTY: Seward		STATE: KS					
CITY: STATE:		SERVICE CREW: E. Mendoza, D. Bowers, C. Gore							
AUTHORIZED BY: J. Bennett		JOB TYPE: 247- 5 1/2" Production							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM/PM	TIME
31726	8						6-29-14		5:00
27462	8					ARRIVED AT JOB		AM/PM	8:00
30463	8					START OPERATION		AM/PM	1:00
19566	8					FINISH OPERATION		AM/PM	2:00
19827	8					RELEASED		AM/PM	3:00
19883	8					MILES FROM STATION TO WELL			15 MI

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *[Signature]*
 (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CC1105	AA2	sk	450		
CC1103	60/40 Poz	sk	50		
CC11B	Gypsum	lb	2115		
CC111	SNT		2190		
CC1103	C-15		254		
CC1105	C-41P		106		
CC201	Gilsonite		2250		
CF251	5/2" Auto Fill Float Shoe	ea	1		
CF607	Latch Down Plug + Baffle		1		
CF4152	Turbolizers		12		
CF4553	Basket		3		
CF3000	Thread Lock		1		
CT155	Superflush	gal	500		
E101	Heavy Equipment Mileage	mi	45		

SUB TOTAL 18,111.86

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE: <i>[Signature]</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>[Signature]</i>
FIELD SERVICE ORDER NO.:	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)