



CEMENTING LOG

Date 12/17/2013 District Liberal # 21 Ticket No. 52039
 Company Palmer Oil Rig Duke #9
 Lease Laura Well No 21-4
 County Stevens State Ks
 Location _____
 Field _____
 Casing Data Conductor PTA Squeeze Misc.
 Surface Intermediate Production Liner
 Size 8 5/8 Type _____ Weight 24 Collar _____

CEMENT DATA

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

LEAD: Time _____ hrs. Type 65/35 6%Gel 3% CC 1/4# flo Seal
 Excess _____

Amt. 625 Sks Yield 1.97 ft³/sk Density 12.4 PPG
 TAIL: Time _____ hrs. Type Class A 3%CC 1/4# flo Seal
 Excess _____

Amt. 200 Sks Yield 1.18 ft³/sk Density 15.6 PPG
 WATER Lead 10.9 Gal/sk Tail 5.2 Gal/sk Total _____ BBLs

Pump Trucks Used: 472-554

Bulk Equipment 868-842

Casing Depths Top _____ Bottom 1748

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 _____
 BBLS/LIN. FT _____ LIN. FT/BBL _____
 Perforations From _____ ft to _____ ft Amt _____

Float Equipment: Manufacturer weather ford
 Shoe: Type guide shoe Depth _____
 Float: Type insert float 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	
4:00pm						On location at 4:00pm
7:20pm						Rigging up to well head to circulate for casing crew to rig down dropped the ball to close the insert float one way valve had 1500psi and ball wouldn't go threw took about 6mins until psi dropped
7:50pm	400		10		5	Started pumping 10 bbls of h2o ahead as spacer
7:55pm	400		228		7	Started mixing lead cement at 12.4
8:25pm	400		270		6	Started mixing tail cement at 15.6
8:40pm	0		0		0	shut down to release plug
8:42pm	150		378		6	started displacement of 108 bbls once dropped plug cement was coming to surface
9:00pm	1200		378		0	Landed the plug at 108bbls waited 3 mins and release psi and float wouldn't hold so closed in head
9:05pm						rigged down leaving head and manifold on location
150						

FINAL DISP. PRESS. 600 PSI BUMP PLUG TO 1200 PSI BLEEDBACK 0 BBLs **THANK YOU**



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1717 04485 A

DATE _____ TICKET NO. _____

DATE OF JOB 1/11/14	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/American Warrant		LEASE Laura		21-4		WELL NO.				
ADDRESS		COUNTY Stevens		STATE KS						
CITY		STATE		SERVICE CREW Tommy, Daniel						
AUTHORIZED BY Tuce		JOB TYPE: Z4Z								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
74939	5.5									5:20
37223, 37426	5.5									7:00
19827, 19883	5.5									12:16
										12:10
										12:30
						MILES FROM STATION TO WELL	50			

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	
CL105	AA-2	SK	200			
CL103	60/40 P07	SK	50			
CL113	Gypsum	Lb	940			
CL111	SALT	Lb	1109			
CL103	C-15	Lb	113			
CL105	C-411	Lb	47			
CL201	Grip Saddle	Lb	1000			
CF1251	Auto Cill float slice	EA	1			
CF607	Latchdown P/B	EA	1			
CF4452	Centralizer	EA	12			
CF4552	Basket	EA	1			
CF3000	Threadlock	EA	1			
CL151	Mudflash	gal	500			
FL11	Heavy Equip M. Leage	M.	100			
CF240	Blending & Mixing C/Drge	SK	250			
FL13	Bulk Delivery	Tm	578			
CF207	Depth Charge 6000 to 7000'	Chir	1			
CF504	Plug Container	Sub	1			
FL100	Pickup M. Leage	M.	50			
5003	Service Supervisor	FA				
					SUB TOTAL	10,854.68
CHEMICAL / ACID DATA:						
				SERVICE & EQUIPMENT	%TAX ON \$	
				MATERIALS	%TAX ON \$	
					TOTAL	

SERVICE REPRESENTATIVE: *[Signature]* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



BASIC™
ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer <i>Palmer Oil/American Services</i>			Lease No.		Date <i>11/11/3</i>		
Lease <i>Laura</i>			Well # <i>21-3</i>		Service Receipt <i>4</i>		
Casing <i>5 1/2</i>		Depth <i>6500</i>		County <i>Stevens</i>		State <i>KS</i>	
Job Type <i>L.S.</i>		Formation			Legal Description		

Pipe Data			Perforating Data				Cement Data	
Casing size <i>5 1/2</i>			Tubing Size		Shots/Ft		Lead <i>50's x 60's @ 14.5 #</i>	
Depth <i>6495.11</i>			Depth		From	To	1.51 6.64	
Volume <i>153.6</i>			Volume		From	To	Tail in <i>50's x 60's @ 13.5 per R4M</i>	
Max Press <i>2500</i>			Max Press		From	To		
Well Connection <i>P.C.</i>			Annulus Vol.		From	To		
Plug Depth			Packer Depth		From	To		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumbed	Rate	Service Log
<i>07:00</i>					<i>on loc, spot & R.U., soft plug</i>
<i>11:16</i>	<i>2300</i>				<i>Test Lines</i>
<i>11:19</i>	<i>240</i>		<i>12</i>	<i>4</i>	<i>Pump Mud Flush</i>
<i>11:23</i>					<i>Plug P4M</i>
<i>11:37</i>	<i>340</i>		<i>0</i>	<i>5</i>	<i>Start Mixing @ 11.8 #</i>
<i>11:44</i>	<i>0</i>		<i>54</i>	<i>0</i>	<i>Finished Mixing, Drop Plug, Wash</i>
<i>11:49</i>	<i>150</i>		<i>0</i>	<i>7</i>	<i>Start Disp</i>
<i>12:06</i>	<i>650</i>		<i>143</i>	<i>3</i>	<i>Slow Rate</i>
<i>12:10</i>	<i>1440</i>		<i>154</i>	<i>0</i>	<i>Plug Down</i>
<i>12:12</i>	<i>0</i>				<i>Release P4, Spot held</i>
					<i>Job Complete</i>

Service Units		<i>74939</i>		<i>372233972</i>		<i>19524</i>		<i>19553</i>	
Driver Names		<i>C. HINEZ</i>		<i>T. Maxwell</i>		<i>D. Beck</i>			

Emilio
Customer Representative

Jerry Bennett
Station Manager

Chad H.
Cementer