

CEMENT JOB REPORT



CUSTOMER Renegade Oil & Gas			DATE 15-AUG-09		F.R. # 1001484528		SERV. SUPV. PHILLIP S MULLINS					
LEASE & WELL NAME PAR STATE 28-14 #2 - API 05005071440000			LOCATION 28-5S-64W			COUNTY-PARISH-BLOCK Arapahoe Colorado						
DISTRICT Brighton			DRILLING CONTRACTOR RIG # Ensign 122			TYPE OF JOB Long String						
SIZE & TYPE OF PLUGS			LIST-CSG-HARDWARE			PHYSICAL SLURRY PROPERTIES						
Cement Plug, Rubber, Top 4-1/2 in			Centralizer, with Pins, 4-1/2 in			SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
			Float Shoe/Poppet Valve 4-1/2 - 8rd									
MATERIALS FURNISHED BY BJ												
Claytreat Water						0	8.34	0	0	00:00	20	
50:50 (POZ:G) + Additives						225	14.6	1.38	5.90	03:00	54.5	31.15
Claytreat Water						0	8.34	0	0	00:00	132.5	
Mud Clean I						0	8.5	0	0	00:00	20	
Claytreat Water						0	8.34	0	0	00:00	20	
Surfactant Wash						0	8.34	0	0	00:00	20	
Claytreat Water						0	8.34	0	0	00:00	20	
Surfactant Wash						0	8.34	0	0	00:00	20	
Claytreat Water						0	8.34	0	0	00:00	20	
PLC + Adds						375	13.4	1.55	7.87		95	64.56
Freshwater						0	8.34	0	0	00:00	36.3	
Available Mix Water 360 Bbl.			Available Displ. Fluid 227.3 Bbl.			TOTAL			458.3 95.71			
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
7.875	0	8600	4.5	11.6	CSG	8570	N-80	8570	8540	2351		
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID		
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.625	24	CSG	430	No packer		0	0	0	4.5	8RD	WATER BASED MU	9.7
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator		
132.7	BBLS	Claytreat Water	8.34	2500	834	0	0	0	6224	3000	Rig	
		Freshwater	8.34									
Circulation Prior to Job												
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 7 BPM			
Mud Density In: 9.7 LBS/GAL Mud Density Out: 0 LBS/GAL						PV & YP Mud In: 0			PV & YP Mud Out: 0			
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> Units: 0						Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>						
Displacement And Mud Removal												
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>						Amount Bled Back After Job: 1 BBLS						
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL						Method Used to Verify Returns: Visually						
Cement Returns at Surface: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO						Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE												
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES						Quantity: 20			Type: <input checked="" type="checkbox"/> BOW <input type="checkbox"/> RIGID			
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD												
Plugs												
Number of Attempts by BJ: Competition:						Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Quantity:						
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Top of Plug: FT			Bottom of Plug: FT			
Squeezes (Update Original Treatment Report for Primary Job)												
BLOCK SQUEEZE <input type="checkbox"/>		SHOE SQUEEZE <input type="checkbox"/>		TOP OF LINER SQUEEZE <input type="checkbox"/>		PLANNED <input type="checkbox"/>		UNPLANNED <input type="checkbox"/>				
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		PSI Applied:		Fluid Weight: LBS/GAL						
None												

CEMENT JOB REPORT



Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: PSI With LBS/GAL Mud Time Held: Hours Minutes

Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: FT Target EMW: LBS/GAL Actual EMW: LBS/GAL
Number of Times Tests Conducted: Mud Weight When Test was Conducted: LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
N/A

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
N/A

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
N/A

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	4600 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
12:00	0	0	0	0	N/A	Pre rig up safety meeting	
01:10	0	0	0	0	N/A	Pre job safety meeting	
01:35	4600	0	0	0	WATER	Pressure test pumps and line	
01:37	750	0	7.2	20	CT-3C	Spacer	
01:42	800	0	7.2	20	MUD CLEAN	Mud flush	
01:44	820	0	7.2	20	SURFACT	Mud flush	
01:48	880	0	7.2	20	CT-3C	Spacer	
01:52	250	0	5	54.5	CEMENT	Batchup and pump 225 sks (50:50) Poz:G + 0.3% CD-32 + 0.4% FL-52 + 0.1% SM + 20% Silca Flour @ 14.6# Batchup and pump 225 sks (50:50) Poz:G + 0.3% CD-32 + 0.4% FL-52 + 0.1% SM + 20% Silca Flour @ 14.6#	
02:04	0	0	0	0	WATER	Drop plug	
02:06	200	0	7.2	0	CT-3C	Displace	
02:24	500	0	4.8	98	CT-3C	Caught cement	
02:29	750	0	2.4	122	CT-3C	Drop rate	
02:32	2550	0	0	132.5	CT-3C	Plug down	
02:40	0	0	0	0	N/A	Drop bomb	
03:10	1300	0	2.4	5	CT-3C	Open DV tool	
03:13	400	0	7.2	20	CT-3C	Spacer	
03:17	380	0	7.2	20	SURFACT	Mud flush	
03:20	340	0	7.2	20	CT-3C	Spacer	
03:23	270	0	6	95	CEMENT	Batchup and pump 375 sks of PLC + 3% Bentonite @ 13.4#	
03:41	0	0	0	0	WATER	Drop plug	
03:44	200	0	7.2	0	WATER	Displace	
03:46	300	0	4.8	10	WATER	Caught cement	
03:50	500	0	2.4	27	WATER	Drop rate	
03:54	1550	0	0	36.3	WATER	Plug down/ Job was pumped as per company mans request	
04:00	0	0	0	0	N/A	Post job rig down safety meeting	
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	2550	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	463.3	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



CEMENTER'S WELL SERVICE, INC.

P.O. BOX 336220 • GREELEY, CO 80633 • (970) 353-7299 • FAX (970) 353-7712

OUR INVOICE

197646

Date 10-16-09	Well Owner RENEGADE	Well No. 28-14	Lease PAR STATE
County ARAPAHOE	State CO	Field	
Charge to RENEGADE DILL+645	Charge Code		
Address P.O. Box 460413	For Office Use Only		
City, State AURORA, CO. 80046			
Pump Truck No. 1201	Code	Bulk Truck No. 1216	Code
Type of Job	Depth	Ft.	To
Surface Mudlogging	Bottom of Surface	Ft.	To
Plug	Plug Landed @	Ft.	Time On 0715
Production	Pipe Landed @	Ft.	Time Off RUG DOWN 0815

Reference No.	Description	Qty.	Meas.	Unit Price	Amount
	Pump Truck Charge				
	Cement Neat ✓	75	SACS		3887 50
	Poz. Mix				
	Calcium Chloride	10%			
	Gel 2 % Flo-Cele 1/4 #Per Sack				
	Handling Charge				
	Hauling Charge				
	Additional Cement				
	PUMPED 75 SACS CLASS "6" CEMENT @ 630' - 380'				
	SLURRY VOL 1.36 FT³/SK				
	SLURRY WT - 14.8 PPG				

Remarks:	Tax Reference Code	Sub Total	3887 50
	State CO 2.9%	Tax	112 74
	Disc.	Total	4000 24

Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other	Total Mileage
1201		Pump Truck		69			
1216		Bulk Truck		69			

We do not assume any responsibility for any damage or conditions resulting from our services. All pricing is subject to review and revision.

Delivered By **SID, STEVE, JOE**

Received By

[Signature]
Customer or His Agent