


Hydro Resources 13027 County Rd 18 FT Lupton, CO 80621 Phone: 303-857-4171				DRILLING MUD REPORT 2	
Version 1.25.1				Date 06/21/14	Measured Depth 2,522 ft.
				Spud Date 06/19/14	Present Activity Drilling
OPERATOR: Omimex		CONTRACTOR: Excell			
Operator's Representative:		Contractor's Representative:		Mark	
Well Name & No.		Ballyneal		Yuma	
Bledsoe 6-28-5-44		Legal:		State: CO	
BIT DATA		CASING & DRILLING ASSEMBLY		HYDRAULICS	
Bit Size	6.25	Size	7	set @	468
Bit Type		Size		set @	
Bit No.		Size		set @	
Jets (32nd)		Size		set @	
12		Drill Collar			
13		Drill Collar			
13		Drill Pipe			
		H.W. Drill Pipe			
Sample Fro <input checked="" type="checkbox"/> Flowline <input type="checkbox"/> Pit		Mud Properties		Calculate Alkalinity <input type="checkbox"/> Check	
Flowline Temperature (°F)		2200		Jet Velocity 113 F/Sec	
Time Sample Taken		2522		Horsepower 0.4 HP/SQ.In	
Depth (ft)		8.8		Impact Force 3.6 lbf/Sq. In	
Mud Weight (ppg)		0.4576		Press Loss at Bit 100psi	
Mud Gradient (psi/ft)		30		Press Loss at Bit 7%	
Funnel Viscosity @ °F		3		Recommended Equipment	
Plastic Visc.cp @ 75 °F		2		Centrifuge <input type="checkbox"/> Shaker <input checked="" type="checkbox"/> Desander <input type="checkbox"/>	
Yield Point (lb/100ft2)		0		Degasser <input type="checkbox"/> Desilter <input type="checkbox"/> Other <input type="checkbox"/>	
Gel Strength (lb/100ft2) 10-sec		0		Recommended Mud Properties	
Gel Strength (lb/100ft2) 10-min		X		By Authority of: <input type="checkbox"/> Company Representative <input type="checkbox"/> Drilling Contractor	
Gel Strength (lb/100ft2) 30-min		6.0		Mud Wt: <input type="checkbox"/> Filtrate: <input type="checkbox"/> Viscosity: <input type="checkbox"/>	
Filtrate API (cm3/30 min)		X		LCM: <input type="checkbox"/> Excess Lime: <input type="checkbox"/> lb/bbl	
Filtrate API HTHP (cm3/30 min)		1		RECOMMENDED TOURLY TREATMENT	
Cake Thickness (/32nds)		3.5			
Solids Content (% by vol)		96.5			
Water Content (% by Vol.)		X			
Sand Content (% by vol)		X			
Bentonite Content ( lb/bbl)		X			
pH <input checked="" type="checkbox"/> Strip <input type="checkbox"/> Meter		7.5			
Alkalinity Mud (Pm) cm3 N/50 Acid		X			
Alkalinity, Pf / Mf		0/.20			
Chloride (mg/l)		13000			
Total Hardness as Calcium (mg/l)		140			
Oil Content (% by vol)		0			
LCM (lb/bbl)		0			
Excess Lime (lb/bbl)		0			
				DAILY REMARKS	
Solids Analysis					
L.G. Solids	%	H.G. Solids	%		
L.G. Solids	ppb	H.G. Solids	ppb		
Corrected Solids	%	Average Sp. Gr.			
CHEMICALS					
Starting Inventory					
Chemicals Received					
Closing Inventory					
Chemicals Used					
Daily Cost					
CHEMICALS					
Starting Inventory					
Chemicals Received					
Closing Inventory					
Chemicals Used					
Daily Cost					
Est. Drayage: \$					
Est. Taxes: \$					
Est. Daily Cost: \$					
Est. Cumulative Cost: \$					
TECHNICAL REP: Carla Restivo		WAREHOUSE		13027 CR 18	
CELL PHONE NO. 303-304-4528		ADDRESS: Ft. Lupton, CO 80621		NAME:	
ANS. SERVICE:		PHONE: (303) 857-4171		PHONE:	
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