

Hydro Resources 13027 County Rd 18 FT Lupton, CO 80621 Phone: 303-857-4171 Version 1.25.1		DRILLING MUD REPORT 3 Date: 08/19/14 Measured Depth: 2,918 ft. T.V. Depth: Spud Date: Present Activity: drilling Rig No.: 2
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OPERATOR: augustus		CONTRACTOR: excel	
Operator's Representative:		Contractor's Representative: mark	
Well Name & No.: dusty farms 42-13	Field:	County, Parish: yuma	State: co
Legal:	VOLUMES		PUMP INFORMATION
BIT DATA	CASING & DRILLING ASSEMBLY		HYDRAULICS
BIT DATA	Pit Vol.	PUMP #1	PUMP #2
Bit Size 6.25	Size set @ Ft	Pipe Capacity	ANNULAR VELOCITY
Bit Type	Size set @ Ft	0 bbls	Drill Pipe
Bit No.	Size set @ Ft	Ann Volume	Drill Collar
Jets (32nd)	Size set @ Ft	111 bbls	CIRCULATING PRESSURE
	Drill Collar	Hole Volume	BOT. UP
	Drill Collar	111 bbls	SURF. TO BIT
	Drill Pipe	2918	TOT. CIR TIME
	H.W. Drill Pipe	Total Cir Vol	
		861 bbls	
		Total GPM	
		Total BPM	

Sample Fro <input type="checkbox"/> Flowline <input type="checkbox"/> Pit		Mud Properties		Calculate Alkalinity <input checked="" type="checkbox"/> Check		HYDRAULICS			
Flowline Temperature (°F)		105		Carbonates: ##### EPM		Jet Velocity		Nozzle Area	
Time Sample Taken		10am		Bicarbonates: ##### EPM		Horsepower			
Depth (ft)		2918		Hydroxyls: ##### EPM		Impact Force			
Mud Weight (ppg)		8.6		Excess Lime: ##### lb/bbl		Press Loss at Bit			
Mud Gradient (psi/ft)		0.4472		Lime Needed: ##### lb/bbl		Press Loss at Bit			
Funnel Viscosity @ °F		27		Recommended Equipment					
Plastic Visc.cp @ 75 °F		3		<input type="checkbox"/> Cntrfuge <input type="checkbox"/> Shaker <input type="checkbox"/> Desander <input type="checkbox"/>					
Yield Point (lb/100ft2)		1		<input type="checkbox"/> 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		0		By Authority of: <input type="checkbox"/> Company Representative <input type="checkbox"/> Drilling Contractor					
Gel Strength (lb/100ft2) 30-min		x		Mud Wt: 8.6		Filtrate: 9		Viscosity: 27	
Filtrate API (cm3/30 min)		9		LCM:				Excess Lime: lb/bbl	
Filtrate API HTHP (cm3/30 min)		x		RECOMMENDED TOURLY TREATMENT					
Cake Thickness (/32nds)		1		md looks good					
Solids Content (% by vol)		2.0							
Water Content (% by Vol.)		98							
Sand Content (% by vol)		.10							
Bentonite Content (lb/bbl)		x							
pH <input checked="" type="checkbox"/> Strip <input type="checkbox"/> Meter		8							
Alkalinity Mud (Pm) cm3 N/50 Acid		0							
Alkalinity, Pf / Mf		.0/.8							
Chloride (mg/l)		12500							
Total Hardness as Calcium (mg/l)		280							
Oil Content (% by vol)		x							
LCM (lb/bbl)		x							
Excess Lime (lb/bbl)		x							

DAILY REMARKS									

Solids Analysis									
L.G. Solids	%	H.G. Solids	%						
L.G. Solids	ppb	H.G. Solids	ppb						
Corrected Solids	%	Average Sp. Gr.							

CHEMICALS	GEL	LIME	CAUSTIC	SODA ASH	QDF PAC-1	HYDRO VIS-30	HYDRO-THIN	SOAP STICKS	SAW DUST	BAR	WALL NUT	MAGNA FLOCK	CAL NITRATE	SALT	1771
Starting Inventory															
Chemicals Received															
Closing Inventory															
Chemicals Used															
Daily Cost															

CHEMICALS	SAPP	T-O-C	BIO-CLEAR	SOD. BI-CARB	METHON AL										
Starting Inventory															
Chemicals Received															
Closing Inventory															
Chemicals Used															
Daily Cost															

		Est. Drayage:	
		Est. Taxes: \$	
		Est. Daily Cost: \$ 50.00	
		Est. Cumulative Cost: \$ 150.00	

TECHNICAL REP: justin haynes	WAREHOUSE: 13027 CR 18	NAME:
CELL PHONE NO.: 3037204775	ADDRESS: Ft. Lupton, CO 80621	PHONE:
ANS. SERVICE:	PHONE: (303) 857-4171	PHONE:

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