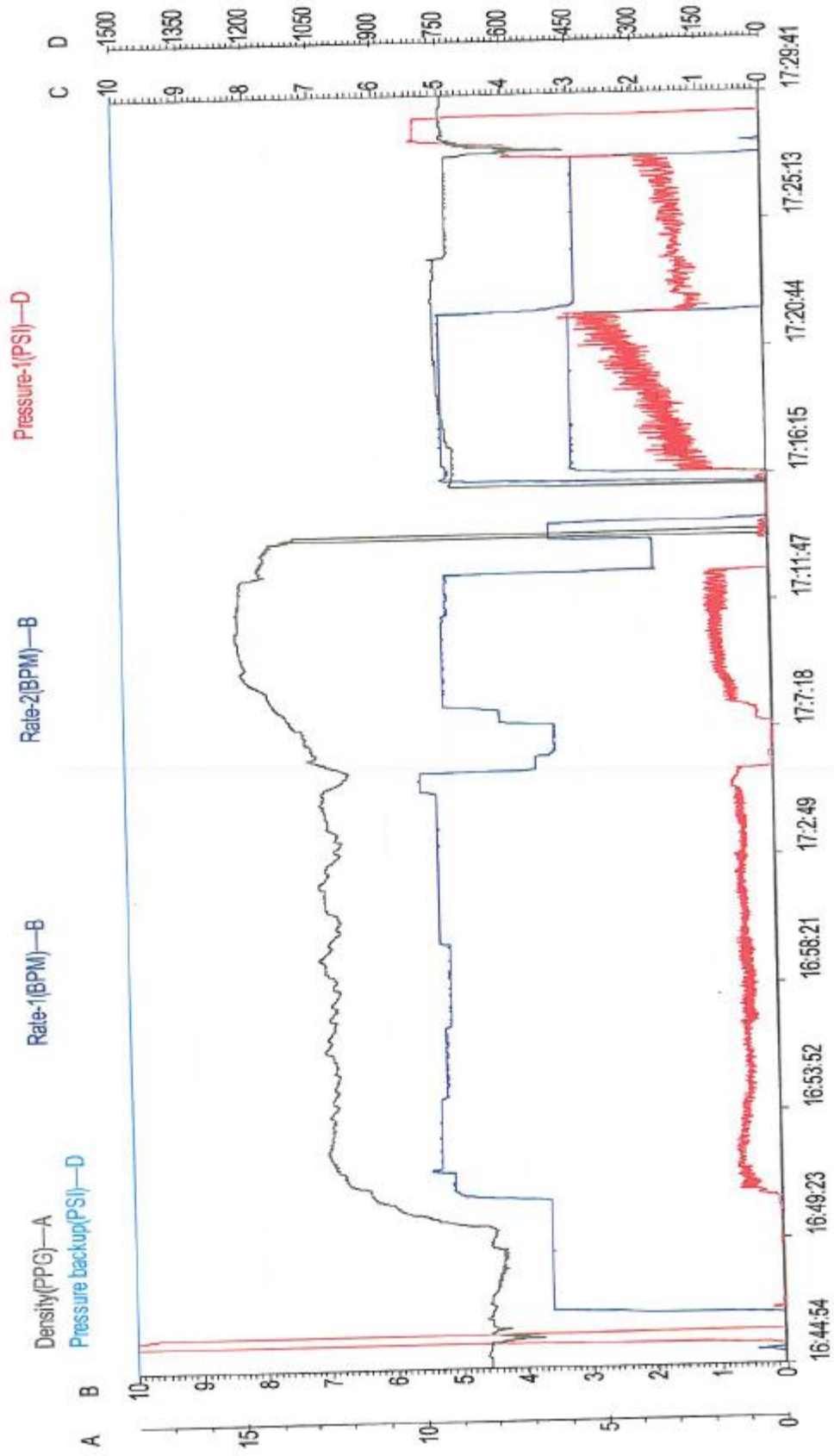


Average Density: 11.194 ppg



Chart

Job Data Sheet



COMPANY Tapstone Energy		PROJECT NUMBER SOK 4069	AFE/WORK ORDER DC 14010	DATE 8/16/2014								
CONTRACTOR Unit #303		Owner Same	LEGAL DESCRIPTION 14/35S/9W	API 15-077-22077-01-00								
LEASE & WELL # Cooper 14-35-9 1H		COUNTY Harper	STATE Kansas	MILEAGE 100								
DIRECTIONS BYRON, OK- NORTH ON HWY 58 TO STATE LINE-3/4 MILES NORTH- 2.1 MILES EAST THROUGH WHITE GATE												
Pumping Services	<input checked="" type="checkbox"/> Surface		<input type="checkbox"/> Intermediate		<input type="checkbox"/> Long String		<input type="checkbox"/> Plug Back		<input type="checkbox"/> Other		() H2S	
	<input type="checkbox"/> Squeeze		<input type="checkbox"/> Acid		<input type="checkbox"/> PTA							
	Casing Size	Casing Weight	Thread	Thrg/DP Size	Thread	Plug Cont.	Swage	Top Plug	Bottom Plug	% Excess		
	9 5/8	36.00	8RD			YES	YES	YES	NO		150%	
	Number and Type Units								Casing Depth	Hole Depth	Hole Size	
Pump Truck & Bulk Materials								800'	800'	12 1/4		
Remarks								Est. BHST	KOP	Depth-TVD	Mud Weight/Type	
								155°			9.2ppg WBM	
Materials	LEAD	# of Sacks	Type	Additives								
	85.92	240	Premium Class C (O-Tex Lite Cement 65/35.6)	6% gel- 2% Calcium Chloride- .4% C-41P- .25% pps Celloflake								
	H2O TO MIX	Weight PPG	Yield Ft ³ /Sk	Water Gal/Sk								
	63.49	12.40	2.01	11.11								
	TAIL	# of Sacks	Type	Additives								
	30.56	130	Premium Class C	2% calcium Chloride- .25 pps Celloflake								
	H2O TO MIX	Weight PPG	Yield Ft ³ /Sk	Water Gal/Sk								
	19.56	14.80	1.32	6.32								
		# of Sacks	Type									
		Weight PPG	Yield Ft ³ /Sk	Water Gal/Sk								
	ACID	Type	Additives									
	Inhibitor	Surfactant	clay cont.									
	Spacer or Flush	Quantity	Type	Additives								
		10	Fresh Water									
	Spacer or Flush	Quantity	Type	Additives								
	Other	Quantity	Type	Additives								
Crew Called	Cementer	Pumper	Bulky	Bulky	Bulky							
	Arthur Setzer	Jared Green	Frank Reeves	Ronald Derrie								
Special Reques												
Sales Items	Casing Size	9 5/8	Casing Weight	36#	Thread	8rd						
	Guide Shoe		Float Shoe		Float Collar	Insert Float Valve						
	Centralizers - Number		Size		Type							
	Wall Cleaners - Number		Type		MSC (DV Tool)	MSC Plug Set						
	Limit Clamps		Thread lock		Other							
	Circulating Iron	9 5/8 Swedge Bale Rack SW-DW										
Customer Rep.	Dale James	Cell Phone	713-758-0636	Office Phone		Fax		Time of Call				
Call Taken By	Robert Burris							Date Ready	Time Ready			
Crew Called	Arthur Setzer							Time				