

# CEMENT JOB REPORT



<b>CUSTOMER</b> AGAVE OIL & GAS LLC		<b>DATE</b> 10-DEC-15		<b>F.R. #</b> 10011187313		<b>SERV. SUPV.</b> Anthony J Staples	
<b>LEASE &amp; WELL NAME</b> HAAS #1-29 - API 05039066770000		<b>LOCATION</b> 29-7S-62W		<b>COUNTY-PARISH-BLOCK</b> Elbert Colorado			
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b>		<b>TYPE OF JOB</b> Surface			
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>MECHANICAL BARRIERS</b>		<b>MD</b>	<b>TVD</b>
9-5/8" Top Cem Plug, Nitrile cvr, Phe		Float Shoe 8-5/8 - 8rd					
		Float Collar, Auto Fill, 8-5/8 - 8rd					
		Centralizer, with Pins, 8-5/8 in					
<b>MATERIALS FURNISHED BY BJ</b>		<b>LAB REPORT NO.</b>		<b>PHYSICAL SLURRY PROPERTIES</b>			
				<b>SACKS OF CEMENT</b>	<b>SLURRY WGT PPG</b>	<b>SLURRY YLD FT<sup>3</sup></b>	<b>WATER GPS</b>
Fresh Water				0	8.34	0	0
Type III Cement + Adds		C12-017-15		746	14.5	1.40	02:50
Fresh Water				0	8.34	0	115.28
Class "G" Neat				300	15.8	1.15	61.4
Available Mix Water 250 Bbl.		Available Displ. Fluid 250 Bbl.		<b>TOTAL</b>		382.69	156.38
<b>HOLE</b>		<b>TBG-CSG-D.P.</b>				<b>COLLAR DEPTHS</b>	
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>ID</b>	<b>OD</b>	<b>WGT.</b>	<b>TYPE</b>	<b>MD</b>
12.25	30	1885	8.097	8.625	24	CSG	1877
							1877
							1835
							1
<b>LAST CASING</b>		<b>PKR-CMT RET-BR PL-LINER</b>		<b>PERF. DEPTH</b>		<b>TOP CONN</b>	
<b>ID</b>	<b>OD</b>	<b>WGT</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>SIZE</b>	<b>THREAD</b>
						8.625	8RND
		No Packer				WATER BASED	
						9.2	
<b>DISPL. VOLUME</b>		<b>DISPL. FLUID</b>		<b>CAL. PSI</b>	<b>CAL. MAX PSI</b>	<b>OP. MAX</b>	<b>MAX TBG PSI</b>
<b>VOLUME</b>	<b>UOM</b>	<b>TYPE</b>	<b>WGT.</b>	<b>BUMP PLUG</b>	<b>TO REV.</b>	<b>SQ. PSI</b>	<b>RATED</b>
116.9	BBLS	Fresh Water	8.34	587	0	0	0
						2360	
						2000	
						Frac Tank	
<b>Circulation Prior to Job</b>							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1			
Mud Density In: 9.2 LBS/GAL				Mud Density Out: 9.2 LBS/GAL			
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			
<b>Displacement And Mud Removal</b>							
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 checked="" type="checkbox"/> PARTIAL <input type="checkbox"/> FULL				Method Used to Verify Returns: Visual			
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: 17			
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID			
<b>Plugs</b>							
Number of Attempts by BJ: 0				Competition: 0			
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			
				Top of Plug: 0 FT			
				Bottom of Plug: 0 FT			
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>							
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: 0		Fluid Weight: 0 LBS/GAL	
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>							
Casing Test Pressure: 1845 PSI		With 8.34 LBS/GAL		Mud		Time Held: 00 Hours 15 Minutes	
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None							

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## Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL  
 Number of Times Tests Conducted: 0 Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)  
 None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)  
 None

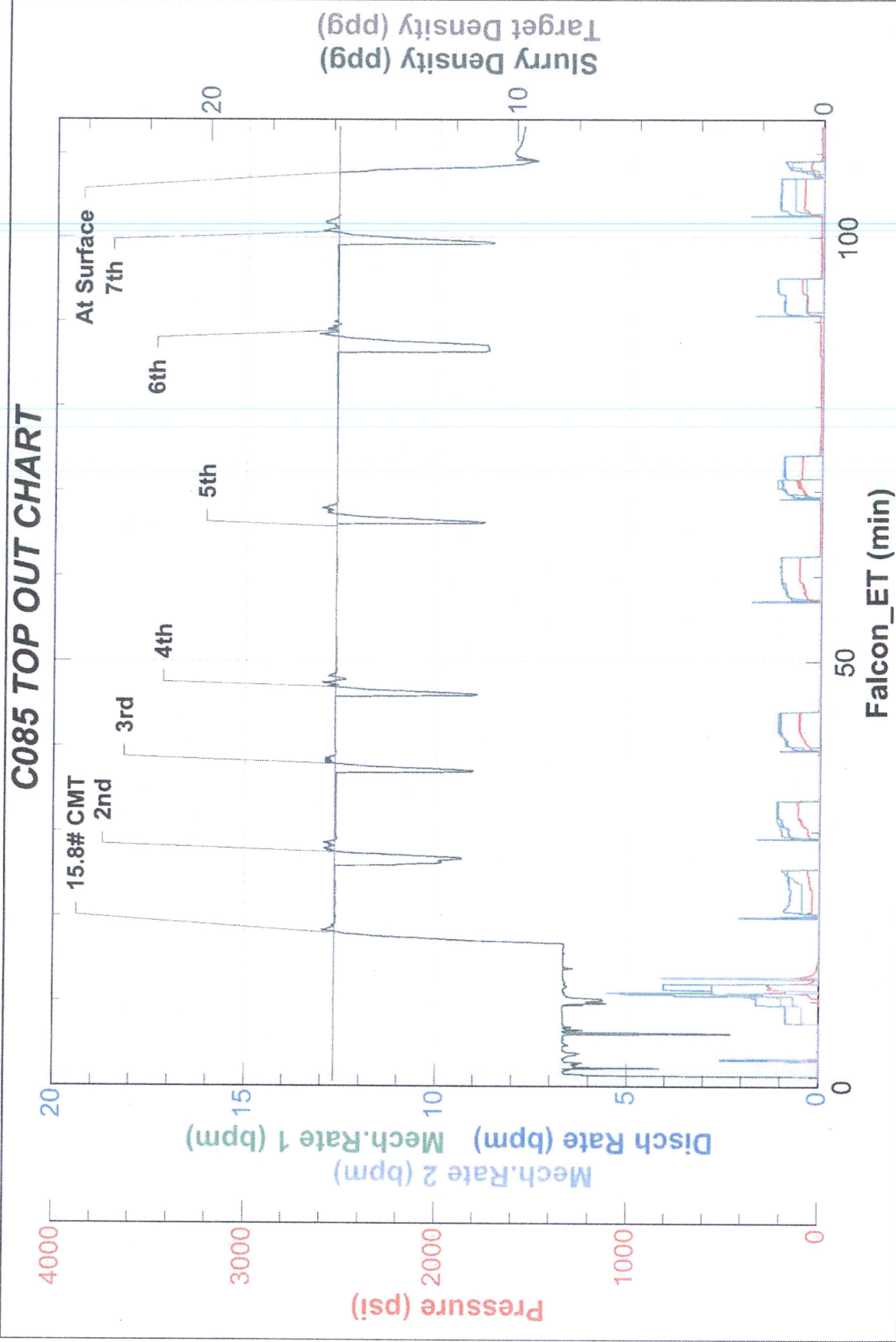
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)  
 None

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	3830 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
10:50	0	0	0	0	N/A	Leave Yard	
13:14	0	0	0	0	N/A	Arrive on Location...125 Miles Rig Running Casing	
19:45	0	0	0	0	N/A	Spot Trucks	
20:00	0	0	0	0	N/A	Pre-Rig Up Safety Meeting	
21:10	0	0	0	0	N/A	Pre-Job Safety Meeting	
21:30	35	0	2	2	H2O	Load Lines	
21:34	3830	0	0	0	H2O	Pressure Test	
21:39	206	0	5	20	H2O	Fresh Water Spacer	
21:51	286	0	4.4	183	CMT	Batch, Weigh, and Pump 746sks of 14.5# Type III + .08 lbs/sk Static Free +.5% CaCl + .25 lbs/Cello Flake	
22:36	0	0	0	0	H2O	Shut Down and Wash Up Mixing Tub	
22:44	0	0	0	0	H2O	Release Plug	
22:44	800	0	7	80	H2O	Displacement	
22:57	968	0	5.8	20	H2O	Rate Change (Started Losing Returns Slowed Rate)	
23:02	832	0	2.5	17	H2O	Rate Change	
23:16	1366	0	0	0	H2O	Bump Plug (No Cement to Surface)	
23:19	0	0	0	0	H2O	Check Floats 1 Bbl back	
23:25	1845	0	0	0	H2O	Casing Test	
23:40	1817	0	0	0	H2O	Bleed Off From Casing Test	
23:42	0	0	0	0	N/A	Discussed Top Out Plan With Customer, and Yard	
00:39	120	0	.7	20	CMT	Pump 15.8# Top Out Through 200ft of 1" Tubing (No Cement to Surface)	
01:30	0	0	0	0	N/A	Customer Requested Another 200 sks of Cement	
01:45	0	0	0	0	N/A	Call Was Made to Brighton For 200 sks of Top Out	
07:15	0	0	0	0	N/A	Cement Arrived on Location	
08:16	100	0	.8	24	CMT	Pumped 15.8# CMT Through 100ft of 1" Tubing	
09:10	0	0	0	0	N/A	Pulled 1 Joint of Tubing	
09:26	94	0	.8	8	CMT	Pumped More CMT Verified Weight @ Surface	
09:45	0	0	0	0	N/A	Shut Down, Wash Up Pump	
10:00	0	0	0	0	N/A	Pre-Rig Down Safety Meeting	
BUMPED PLUG <input type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 1366	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 372	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input type="checkbox"/> Y <input type="checkbox"/> N	Service Supervisor Signature:



Baker Hughes JobMaster Program Version 4.02  
Job Number: 1001187313  
Customer: Agave  
Well Name: Haas 1-29

## C085 TOP OUT CHART





Baker Hughes JobMaster Program Version 4.02  
Job Number: 10011187313  
Customer: Agave  
Well Name: Haas 1-29

