

CEMENT JOB REPORT



CUSTOMER MATRIX ENERGY LLC		DATE 01-JUN-12	F.R. # 1001912773	SERV. SUPV. AARON M MCWILLIAMS	
LEASE & WELL NAME VARRA H A #13-10 - API 05123198150000		LOCATION SEC 9 - 5 N - 65 W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # W/O		TYPE OF JOB Squeeze-Top	
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS		MD	TVD
	No Shoe				
PHYSICAL SLURRY PROPERTIES					
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS
Fresh water	0	0	8.34	0	00:00
Type III cement + additives	C0512212	370	14.5	1.39	02:17
Fresh water	0	0	8.34	0	00:00
Available Mix Water	100 Bbl.	Available Displ. Fluid	100 Bbl.	TOTAL	99.61 59.90
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
7.875	0	2019	1	4.5	11.6
		CSG	2019	2019	N-80
		SHOE	0	FLOAT	0
		STAGE	0		
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
ID	OD	WGT	TYPE	MD	TVD
8.9	9.63	36	CSG	418	418
		BRAND & TYPE		DEPTH	TOP
		no packer		0	0
				BTM	0
				SIZE	1.25
				THREAD	8RND
				TYPE	WATER BASED
				WGT.	9
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
3	BBLS	Fresh water	8.34	0	0
				OP. MAX	0
				MAX TBG PSI	12056
				Operator	1500
				MAX CSG PSI	6224
				Operator	3000
				MIX WATER	Frac tank
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1		
Mud Density In: 9 LBS/GAL			Mud Density Out: 9 LBS/GAL		
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			Units:		
			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: 0 BBLS		
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL			Method Used to Verify Returns: visual		
Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES		
Pipe Movement: <input type="checkbox"/> ROTATION <input checked="" type="checkbox"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE					
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES			Quantity: 0		
			Type: <input 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: 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		
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: 0		
			Fluid Weight: 0 LBS/GAL		
Casing Test (Update Original Treatment Report for Primary Job)					
Casing Test Pressure: 0 PSI			With 0 LBS/GAL Mud		
			Time Held: 00 Hours 00 Minutes		
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		
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: none					

CEMENT JOB REPORT



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	4366 PSI																
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>																	
05:00	0	0	0	0	N/A	Yard Call																	
06:30	0	0	0	0	N/A	Leave Yard																	
07:15	0	0	0	0	N/A	Arrive on location																	
07:20	0	0	0	0	N/A	Spot trucks																	
07:25	0	0	0	0	N/A	Pre rig up safety meeting																	
08:25	0	0	0	0	N/A	Pre job safety meeting																	
08:40	4366	0	0	0	H2O	Pressure test pumps and lines																	
08:45	1000	0	2	5	H2O	Preflush Fresh water																	
08:51	998	0	1.8	45	CMT	Batch up and pump 185sks Type III cement + 0.08 lbs/sack static free 14.5# 1.39 yield 6.8 GPS																	
09:26	326	0	1	1.5	H2O	Displacement																	
09:30	0	0	0	0	N/A	Rig pulling 1000' of tubing																	
09:56	650	0	1.8	43	CMT	Batch up and pump 185 sks Type III cement + 0.08 lbs/sack static free 14.5# 1.39 yield 6.8 GPS																	
10:23	300	0	1	1.5	H2O	Displacement																	
10:27	0	0	4.8	20	H2O	Washup pump and lines																	
10:40	0	0	0	0	N/A	Post job safety meeting																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>BUMPED PLUG</td> <td>PSI TO BUMP PLUG</td> <td>TEST FLOAT EQUIP.</td> <td>BBL.CMT RETURNS/ REVERSED</td> <td>TOTAL BBL. PUMPED</td> <td>PSI LEFT ON CSG</td> <td>SPOT TOP OUT CEMENT</td> <td>Service Supervisor Signature:</td> </tr> <tr> <td>Y <input checked="" type="checkbox"/> N</td> <td>0</td> <td>Y <input checked="" type="checkbox"/> N</td> <td>7.5</td> <td>96</td> <td>0</td> <td>Y <input type="checkbox"/> N</td> <td></td> </tr> </table>								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:	Y <input checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	7.5	96	0	Y <input type="checkbox"/> N	
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:																
Y <input checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	7.5	96	0	Y <input type="checkbox"/> N																	



BJ Services JobMaster Program Version 3.50

Job Number: 1001912773

Customer: Matrix

Well Name: Varra H A #13-10

C956

