

# CEMENT JOB REPORT



CUSTOMER ENCANA OIL & GAS (USA) INC			DATE 15-JUL-13		F.R. # 1001999919		SERV. SUPV. JASON L SJOBERG							
LEASE & WELL NAME IONE #13-2 - API 05123100560000			LOCATION 2-2N-66W			COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton			DRILLING CONTRACTOR RIG # W/O			TYPE OF JOB Squeeze Perforation								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD			
		NA-Squeeze												
MATERIALS FURNISHED BY BJ			LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES									
					SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER			
Fresh Water			0		0	8.34	0	0	00:00	24	1			
Fresh Water			0		0	8.34	0	0	00:00	10	1			
50:50 Poz/G + Adds					150	15.8	1.15	5.00		30.72	17.88			
Available Mix Water		120	Bbl.		Available Displ. Fluid		120	Bbl.		TOTAL				
										64.72	17.88			
HOLE			TBG-CSG-D.P.					COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8	0	1000	4	4.5	11.6	CSG	7055	7055	P-110			0		
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID				
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.1	8.63	24	CSG	224	224	No Packer		0	950	950	2.375	8 RD	FRESH WATER	8.4
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER			
VOLUME	UOM	TYPE		WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator			
23.4	BBLS	Fresh Water		8.34	0	0	0	0	0	8552	2000	TRANSPORT		
<b>Circulation Prior to Job</b>														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 0				Circulation Rate: 1.5 BPM							
Mud Density In: 8.4 LBS/GAL			Mud Density Out: 8.4 LBS/GAL				PV & YP Mud In: 0			PV & YP Mud Out: 0				
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"/>							
<b>Displacement And Mud Removal</b>														
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 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 checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Quantity:				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID							
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD														
<b>Plugs</b>														
Number of Attempts by BJ: 0			Competition: 0				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Quantity:				
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES											
Was There a Bottom: <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 checked="" 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: 315		Fluid Weight: 15.8 LBS/GAL					
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>														
Casing Test Pressure: 0 PSI			With 0 LBS/GAL Mud				Time Held: 00 Hours 00 Minutes							
<b>Shoe Test (Update Original Treatment Report for Primary Job)</b>														
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)

Lost slurry pump after batching up and going downhole. Pumped 4 bbls downhole followed by 20 bbls fresh water for displacement. Called for another pump to come out and start the job over.

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	3908 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
09:00	0	0	0	0	NA	YARD CALL	
11:00	0	0	0	0	NA	LEAVE YARD	
11:30	0	0	0	0	NA	ARRIVE ON LOCATION	
11:40	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP MEETING/RIG UP	
12:10	0	0	0	0	NA	SAFETY MEETING	
12:26	3235	0	0	0	H2O	PRESSURE TEST	
12:30	530	0	1.5	3	H2O	Preflush Fresh Water	
12:35	790	0	2	4	CMT	Batch, Weigh, Pump 15.8# G Cement	
13:00	980	0	2	12	H2O	Displacement	
13:21	1235	0	2	4	H2O	Displacement	
13:24	1010	0	2	5	H2O	Displacement	
13:21	0	0	0	0	N/A	Called for another pump	
15:02	3905	0	0	0	H2O	Pressure Test Pump and Lines	
15:04	912	0	1.5	2	H2O	Preflush Fresh Water	
15:07	1080	0	1.5	25	CMT	Batch, Weigh, Pump 15.8# G Cement	
15:25	524	0	1	3	H2O	Displacement	
15:30	318	0	.5	1	H2O	Drop Rate	
15:33	198	0	0	0	N/A	Shut Down	
15:36	315	0	.4	2	H2O	Displacement	
15:40	285	0	0	0	N/A	Shut Down	
15:45	224	0	0	0	N/A	Shut in Casing @ 224 psi	

  

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 type="checkbox"/> N <input checked="" type="checkbox"/>	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	57	224	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	