

CEMENT JOB REPORT



CUSTOMER ENCANA OIL & GAS (USA) INC				DATE 10-FEB-16		F.R. # 10011192763				SERV. SUPV. VITALIJS A NEVERDASOV				
LEASE & WELL NAME ELMQUIST #1 - API 05123100940000				LOCATION 23-2N-68W				COUNTY-PARISH-BLOCK Weld Colorado						
DISTRICT Brighton				DRILLING CONTRACTOR RIG # WO				TYPE OF JOB Squeeze-Top						
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD			
none				NONE		0	0	NONE		0	0			
MATERIALS FURNISHED BY BJ				LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES								
						SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER		
Fresh Water				n/a		0	8.34	0	0	00:00	2			
Cement Slurry				c02-009-16		395	15.8	1.15	4.99	04:38	80.9	46.99		
Fresh Water				n/a		0	8.34	0	0	00:00	5			
Available Mix Water 160 Bbl.				Available Displ. Fluid 80 Bbl.				TOTAL		87.9	46.99			
HOLE			TBG-CSG-D.P.							COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
7.875		1071	8.097	8.625	24	CSG	429	429						
			4	4.5	11.6	CSG	8012	8012						
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		415	415	NO PACKER		0	7200	7200	1.25	8 RND	FRESH WATER	8.5
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				
0.5	BBLS	Fresh Water	8.34	0	0	0	7784	1500	0	0	TRANSPORT			
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: .5				Circulation Rate: 2 BPM				
Mud Density In: 8.5 LBS/GAL Mud Density Out: 8.5 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"/>								
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 type="checkbox"/> RECIPROCATION <input 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 checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD														
Plugs														
Number of Attempts by BJ: 3 Competition: 3						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: 1500 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								

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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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: 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	7838 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
06:00	0	0	0	0	N/A	YARD CALL	
10:32	0	0	0	0	N/A	LEAVE DISTRICT	
11:01	0	0	0	0	N/A	ARRIVE ON LOCATION, 18 MILES/ CUSTOMER REQUESTED CEMENT CREW @ 13:30	
13:28	0	0	0	0	N/A	SPOT TRUCKS/ RIG UP SAFETY MEETING	
14:35	0	0	0	0	N/A	PRE JOB SAFETY MEETING	
15:04	384	0	1.4	1	H2O	LOAD LINE	
15:11	7838	0	.8	.1	H2O	PRESSURE TEST	
15:14	742	0	2.1	5	H2O	FRESH WATER SPACER	
15:23	1049	0	2	20	CMT	BATCH/ WEIGH/ PUMP 105 SX OF CEMENT @ 15.8 PPG	
15:37	1017	0	2.1	.5	H2O	DISPLACEMENT	
15:37	0	0	0	0	N/A	SHUT DOWN/ RIG IS PULLING 15 JOINTS OF TUBING	
15:55	743	0	2	20	CMT	PUMP 105 SX OF CEMENT @ 15.8 PPG	
16:04	537	0	2	.5	H2O	DISPLACEMENT	
16:05	0	0	0	0	N/A	SHUT DOWN/ RIG IS PULLING 15 JOINTS OF TUBING	
16:21	461	0	2	30	CMT	PUMP 175 SX OF 15.8 PPG	
16:36	251	0	2	.25	H2O	DISPLACEMENT	
16:36	0	0	0	0	N/A	SHUT DOWN/ RIG IS RIGGING DOWN BOP/ GETTING READY TO TOP OUT	
16:58	25	0	1	2	CMT	PUMP 10 SX OF 15.8 PPG TO TOP OUT	
17:01	0	0	0	0	N/A	SHUT DOWN	
17:27	0	0	0	0	N/A	RIG DOWN SAFETY MEETING	
BUMPED PLUG Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 2	TOTAL BBL. PUMPED 78	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature: