

CEMENT JOB REPORT



CUSTOMER ENCANA OIL & GAS (USA) INC			DATE 01-JUN-14		F.R. # 10011072688		SERV. SUPV. Justin R Sturgiss						
LEASE & WELL NAME PARACHUTE NORTH #EF02B-32 G29 595 - API 050			LOCATION 32-5S-95W			COUNTY-PARISH-BLOCK Garfield Colorado							
DISTRICT Vernal			DRILLING CONTRACTOR RIG #			TYPE OF JOB Squeeze-Hole							
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
				Packer		2497							
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							8.34				5		
Class G Cement				50			15.8	1.15	4.95		10.26	5.89	
Fresh Water							8.34				16.5		
Available Mix Water 160 Bbl.				Available Displ. Fluid 150 Bbl.				TOTAL		31.76		5.89	
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
			1.995	2.375	4.7	TBG	2501	2501					
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.
1	4.5	11.6	CSG	6701		PACKER	2497	3067	3100	2.375	8RD	FRESH WATER	8.34
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			
16.5	BBLS	Fresh Water	8.34	0	970	1500	7700	6160	7780	6224	TANK		
Circulation Prior to Job													
Circulated Well: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>						Circulation Time:			Circulation Rate: BPM				
Mud Density In: LBS/GAL						Mud Density Out: LBS/GAL			PV & YP Mud In:			PV & YP Mud Out:	
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 type="checkbox"/>						Amount Bled Back After Job: BBLS							
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FULL						Method Used to Verify Returns:							
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 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 type="checkbox"/> NO MANIFOLD													
Plugs													
Number of Attempts by BJ:						Competition:		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: FT		Bottom of Plug: 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: 1033		Fluid Weight: 15.8 LBS/GAL							
Casing Test (Update Original Treatment Report for Primary Job)													
Casing Test Pressure: PSI				With LBS/GAL		Mud		Time Held: Hours		Minutes			
Shoe Test (Update Original Treatment Report for Primary Job)													
Depth Drilled out of Shoe: FT				Target EMW: LBS/GAL		Actual EMW: LBS/GAL							
Number of Times Tests Conducted:				Mud Weight When Test was Conducted: 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)

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

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	4000 PSI
						CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input checked="" type="checkbox"/>	
14:45	0	0	0	0	0	ARRIVED ON LOCATION	
15:00	0	0	0	0	0	SPOTTED TRUCKS	
15:45	0	0	0	0	0	SAFETY MEETING WITH COMPANY MAN	
16:04	3600	0	0	0	0	PRESSURE TEST	
16:05	0	0	0	0	0	CHANGED OUT LEAKING PLUG VALVE ON SQUEEZE MANIFOLD	
16:21	4000	0	0	0	0	PRESSURE TEST	
16:30	1500	0	.6	5	H2O	INJECTION TEST	
16:39	0	0	0	0	0	SHUT DOWN, BATCH UP CEMENT TO 15.8 PPG	
16:43	606	0	.6	9	CMT	START CEMENT @ 15.8 PPG	
17:10	1000	0	.2	12.5	H2O	START DISPLACEMENT	
17:33	1033	0	0	0	0	HESITATE 5 MINUTES	
17:39			.4	1	H2O	PUMP 1 BBL	
17:42	550	0	0	0	0	HESITATE 4 MINUTES	
17:48			.4	1	H2O	PUMP 1 BBL	
17:50	623	0	0	0	0	HESITATE 5 MINUTES	
17:55			.4	1	H2O	PUMP 1 BBL	
17:58	758	0	0	0	0	HESITATE 30 MINUTES	
18:35	654	0	.4	.5	H2O	PUMP .5 BBL	
18:51	663	0	.4	.25	H2O	PUMP .25 BBL	
19:03	711	0	.4	.25	H2O	PUMP .25 BBL BLED BACK DOWN TO 400 PSI	
19:05	0	0	0	0	0	BLED OFF PRESSURE, TURNED OVER TO RIG TO PULL PIPE	
						DISPLACED 16.5 BBLs	

BUMPED PLUG Y <input checked="" type="checkbox"/>	PSI TO BUMP PLUG	TEST FLOAT EQUIP. Y <input checked="" type="checkbox"/>	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 30.5	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/>	Service Supervisor Signature:
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