

CEMENT JOB REPORT



CUSTOMER MARATHON OIL - XML		DATE 01-JUN-12	F.R. # 1001912391	SERV. SUPV. CHRISTOPHER M MCKEON									
LEASE & WELL NAME CROW VALLEY 6-61-16 #4H - API 05123355430000		LOCATION 16-6N-61W		COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton		DRILLING CONTRACTOR RIG # H&P 449		TYPE OF JOB Surface									
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS		MD	TVD	HANGER TYPES	MD	TVD					
Cement Plug, Rubber, Top 9-5/8 in	Centralizer, with Pins, 9-5/8 in												
	Float Collar, Auto Fill, 9-5/8 - 8rd												
	Float Shoe 9-5/8 - 8rd												
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES									
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER			
Fresh water				0	8.34	0	0	00:00	25				
Type III+1.5%CaCl ₂ .15#/skCF				337	14.5	1.41	6.82	01:30	84.39	54.72			
Fresh water				0	8.34	0	0	00:00	51				
Available Mix Water 200 Bbl		Available Displ. Fluid 200 Bbl		TOTAL				160.39	54.72				
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
12.25	100	720	8.635	9.625	40	CSG	711	711	P-110	711	665		
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.
16	16	62.6	CSG	90	90	No packer		0	0	9.625	8RD	FRESH WATER	8.4
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG PSI		MAX CSG PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	MIX WATER		
51	BBLS	Fresh water	8.34	211	0	0	0	0	4600	2000	Rig Tank		
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 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"/>					
Displacement And Mud Removal													
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: .5 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"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE													
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 6				Type: <input checked="" 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				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					
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					
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NA													
PRESSURE/RATE DETAIL						EXPLANATION							

CEMENT JOB REPORT



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)
 NA

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

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

PRESSURE/RATE DETAIL						EXPLANATION		
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW	X	CO. REP. X
	PIPE	ANNULUS				TEST LINES	2542 PSI	
						CIRCULATING WELL - RIG	X	BJ
09:30	0	0	0	0	NA	Arrive location		
09:40	0	0	0	0	NA	Spot trucks		
09:50	0	0	0	0	NA	Rig up safety meeting		
10:30	0	0	0	0	NA	Rig having trouble with landing joint		
19:10	0	0	0	0	NA	Pre job safety meeting		
19:37	2542	0	0	0	H2O	Pressure test		
19:41	108	0	5.4	25	H2O	Fresh water spacer		
19:51	179	0	5	80	CMT	Batch up, weigh and pump 337 sx. Type III Cement + 0.08 lbs/sack Static Free + 1.5% Calcium Chloride + 0.15 lbs/sack Celio Flake @ 14.5 ppg		
20:12	0	0	0	0	NA	Drop plug		
20:14	290	0	4.1	40	H2O	Displacement		
20:52	254	0	2.8	5	H2O	Rate change		
22:27	266	0	2.2	6	H2O	Rate change		
22:29	301	0	2.2	51	H2O	Bump plug		
22:31	934	0	0	0	NA	Plug down		
22:33	0	0	0	0	NA	Rig down safety meeting		
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:	
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	302	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	28	166	0	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N		

C156