

CEMENT JOB REPORT



CUSTOMER ANADARKO PETROLEUM COI		DATE 14-FEB-12	F.R. # 1001887612	SERV. SUPV. COLE W MARIOTT	
LEASE & WELL NAME NELSON-DARRAH #1 - API 05123124940000		LOCATION 12-4N-65W		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
	Mech Set Retainer 4 1/2 inch 9.5-15	Retainers	4190	4190	
PHYSICAL SLURRY PROPERTIES					
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS
Seal Bond		0	8.34	0	0 00:00
Fesh Water		0	8.34	0	0 00:00
50:50:2+.4%FL52+.2%SMS		140	14.2	1.26	5.71
Class G		50	15.8	1.15	5.00
Fresh Water		0	8.34	0	0 00:00
Available Mix Water 400 Bbl.		Available Displ. Fluid 150 Bbl.		TOTAL 88.63 24.99	
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
12	0	7102	1.995	2.375	4.7
		CSG	MD	TVD	GRADE
		4190	4190	J-55	
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	TOP CONN
ID	OD	WGT.	TYPE	MD	TVD
4	4.5	11.6	CSG	7102	7102
		BRAND & TYPE		DEPTH	TOP
		Cement Retainer		4190	4156
				BTM	SIZE
				4470	2.875
				THREAD	TYPE
				8RD	WATER BASED
				WGT.	
				8.4	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
18.8	BBLS	Fresh Water	8.34	0	602
				SQ. PSI	RATED
				3000	6160
				Operator	MAX TBG PSI
					3000
				RATED	Operator
				6224	3000
				MIX WATER	
				Transport	
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1		
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: <input type="checkbox"/>		
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 checked="" 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 checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE					
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Quantity: <input type="checkbox"/> 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: 0			Competition: 0		
Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Quantity: <input type="checkbox"/>		
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 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: 1558			Fluid Weight: 14.2 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: None					
PRESSURE/RATE DETAIL			EXPLANATION		

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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)

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	4478 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
07:42	0	0	0	0	N/A	Arrive on location 32 miles	
07:50	0	0	0	0	N/A	Spot trucks rig is ready for us.	
08:00	0	0	0	0	N/A	Pre rig up safety meeting	
09:09	0	0	0	0	N/A	Pre job safety meeting	
09:34	4478	0	0	0	H2O	Pressure test	
09:37	530	0	2.1	5	H2O	Injection test	
09:42	484	0	2.1	20	H2O	Sealbond spacer	
09:53	468	0	2.8	33	CMT	Batch up weigh and pump 140 sxs of :50):50: Poz (Fly Ash) Class G Cement + 0.4% bwoc FL-52 + 2% bwoc Bentonite + 0.2% bwoc S-8	
10:08	510	0	2.75	10.6	CMT	Batch up weigh and pump 50 sxs of Class G Cement	
10:14	555	0	2.2	17	H2O	Displacement	
10:23	1118	0	1.1	1.8	H2O	Slow rate	
10:26	1558	0	0	0	N/A	Down	
10:38	675	0	3.7	60	H2O	Reverse out	
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"/>		Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	1	146.8	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

Bill Smith



BJ Services JobMaster Program Version 3.50

Job Number: 1001888617

Customer: KMG

Well Name: Nelson Darrah 1

