CEMENT JOB REPORT

BAKER HUGHES

CUSTOMER	ANADARKO PETROLEUM COF	DATE	01-APR-12	F.R. #	1001898965	SERV. SUPV.	CHRISTOPHER M MCKEON

LEASE & WELL NAME	LOCATION	COUNTY-PARISH-BLOCK
BARCLAY UPRR #31-27 - API 05123144820000	Sec 27 - 3N - 66W	Weld Colorado

DISTRICT	DRILLING CONTRACTOR RIG #	TYPE OF JOB
Brighton	W/O	Squeeze-Hole

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
	NA-Squeeze						

PHYSICAL SLURRY PROPERTIES

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	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	
50:50:2+10%NaCl	C03-121-12	100	14.4	1.29	5.75	00:57	22.89	13.69
Claycare water		0	8.3	0	0	00:00	10	
Mud Clean II		0	8.3	0	0	00:00	10	

Available Mix Water _____ 75 _____ Bbl.   Available Displ. Fluid _____ 75 _____ Bbl.   **TOTAL** 67.89 | 13.69

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
0	0	0	3.958	4.5	12.6	CSG	6670	6670	J-55			

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.

ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.1	8.63	24	CSG	850	850	Cement Retainer	6520	6670	6670	2.375	8RD	KCL 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	
25.5	BBLS	Fresh Water	8.34	0	0	3000	8910	3000	6224	3000	Transport

Circulation Prior to Job

Circulated Well:	Rig [X]	BJ [ ]		Circulation Time: 1	Circulation Rate: 2.5 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 [X]   YES [ ]   Units: Solids Present at End of Circulation: NO [X]   YES [ ]

Displacement And Mud Removal

Displaced By: Rig [ ]   BJ [X]   Amount Bled Back After Job: 0 BBLS

Returns During Job: [ ] NONE   [ ] PARTIAL   [ ] FULL   Method Used to Verify Returns:

Cement Returns at Surface: [ ] YES   [X] NO   Were Returns Planned at Surface: [X] NO   [ ] YES

Pipe Movement: [ ] ROTATION   [ ] RECIPROCATION   [ ] NONE   [ ] UNABLE DUE TO STUCK PIPE

Centralizers: [X] NO   [ ] YES   Quantity: Type: [ ] BOW   [ ] RIGID

Job Pumped Through: [ ] CHOKE MANIFOLD   [ ] SQUEEZE MANIFOLD   [ ] MANIFOLD   [X] NO MANIFOLD

Plugs

Number of Attempts by BJ: 0   Competition: 0   Wiper Balls Used: [X] NO   [ ] YES   Quantity:

Plug Catcher Used: [X] NO   [ ] YES   Parabow Used: [X] NO   [ ] YES

Was There a Bottom: [X] NO   [ ] YES   Top of Plug: 0 FT   Bottom of Plug: 0 FT

Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE [ ]   SHOE SQUEEZE [ ]   TOP OF LINER SQUEEZE [ ]   PLANNED [X]   UNPLANNED [ ]

Liner Packer: [X] NO   [ ] YES   Bond Log: [X] NO   [ ] YES   PSI Applied: 2039   Fluid Weight: 8.34 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)
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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: 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 4860 PSI			
						CIRCULATING WELL - RIG [X] BJ [ ]			
09:40	0	0	0	0	NA	Arrive location			
09:45	0	0	0	0	NA	Spot trucks			
09:50	0	0	0	0	NA	Rig up safety meeting			
10:25	0	0	0	0	NA	Pre job safety meeting			
10:32	3706	0	0	0	H20	Low pressure test			
10:35	4860	0	0	0	H20	High pressure test			
10:37	2250	0	2	10	H20	Mud Clean II			
10:43	2632	0	2	10	H20	Fresh water			
10:52	1247	0	1.3	21	CMT	Batch up, weigh and pump 100 sx. 50/50 Poz (Fly Ash) Class G Cement + 10% Sodium Chloride + 2% Bentonite @ 14.4 ppg.			
11:09	2039	0	1.3	25.5	H20	Displacement			
11:30	2039	0	0	0	NA	Shut down			
11:31	0	0	0	0	NA	Sting out/ Job done			
11:32	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:
Y [N] 0	Y [N] 0	66.5	0	Y [N]			

X Larry Wohl

BJ Services JobMaster Program Version 3.50

Job Number: *100189865*
Customer: *KMG*
Well Name: *Barclay UPRR 31-27*

C156

PRES #1 (psi) — 0, 1000, 2000, 3000, 4000, 5000

FLOW 1+2 (bpm) — 0, 5, 10, 15, 20

Elapsed Time (min) — 0, 20, 40, 60

NUC DEN (ppg) — 0, 5, 10, 15, 20

Target Density (ppg)

Pressure test

Pre flush

Cmt 14.4 ppg

Displacement

Shut down 25.5 bbls.

Sting out

BJ Services

Job Start: Sunday, April 01, 2012