

CEMENT JOB REPORT



CUSTOMER ANADARKO PETROLEUM COR		DATE 12-JAN-15	F.R. # 10011131614		SERV. SUPV. TRAVIS TOLMAN		
LEASE & WELL NAME BELL #L12-21 - API 05123158510000		LOCATION 12-3N-66W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # EWS #9		TYPE OF JOB Plug Back			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD TVD HANGER TYPES MD TVD	
Cement Plug, Rubber, Top 2-7/8 in				Bridge Plug		7300 7300	
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES			
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	
Plug Slurry		C01-028-15		110	15.8	1.36	
Fresh Water				0	8.34	0	
Fresh Water				0	8.34	0	
Available Mix Water 75 Bbl.		Available Displ. Fluid 60 Bbl.		TOTAL		74.70 14.84	
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD TVD GRADE SHOE FLOAT STAGE
10	0	6900	4	4.5	11.6	CSG	7300 7300 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.
					No packer	0	2.375 8RND WATER BASED 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 Water truck
38.5	BBLS	Fresh Water	8.34	0	0	0	5808 3000 0 0
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1		Circulation Rate: 2 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: 0 BBLS			
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FULL				Method Used to Verify Returns: Visual			
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"/> RECIPROICATION <input checked="" 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 checked="" type="checkbox"/> NO MANIFOLD							
Plugs							
Number of Attempts by BJ: 1 Competition: 1				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: 6650 FT		Bottom of Plug: 6885 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			
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None							

CEMENT JOB REPORT



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 4649 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
08:57	0	0	0	0	N/A	Leave district	
09:39	0	0	0	0	N/A	Arrive on location, Rig pulling tubing, waiting on wireline to shoot perf's	
09:50	0	0	0	0	N/A	Spot trucks	
10:10	0	0	0	0	N/A	Pre rig up safety meeting	
14:15	0	0	0	0	N/A	Pre job safety meeting	
14:37	1637	0	.6	1	H2O	Load lines	
14:41	4649	0	0	0	H2O	Pressure test pump & lines	
14:45	2250	0	.8	10	H2O	Freshwater spacer	
15:11	1995	0	1	26.6	CMT	Batch, weigh, pump cement @ 15.8# (110sks)	
15:51	0	0	0	0	N/A	Drop plug	
15:55	2225	0	2	36	H2O	Displacement	
16:14	2199	0	1.5	2.5	H2O	Slow rate	
16:16	2046	0	0	0	N/A	Down. Shut in frac valve	
16:35	0	0	0	0	N/A	Rig down safety meetig	

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 checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	0	76	2199	Y <input checked="" type="checkbox"/> N	

CEMENT JOB REPORT



CUSTOMER ANADARKO PETROLEUM COR		DATE 13-JAN-15	F.R. # 10011131969		SERV. SUPV. Edgar Lozano Diaz									
LEASE & WELL NAME BELL #L12-21 - API 05123158510000		LOCATION 12-3N-66W		COUNTY-PARISH-BLOCK Weld Colorado										
DISTRICT Brighton		DRILLING CONTRACTOR RIG # EWS #9		TYPE OF JOB Plug Back										
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD <input type="checkbox"/> TVD <input type="checkbox"/>								
		N/A												
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				
Plug Slurry				40	15.8	1.36	5.66	06:33	9.8	5.45				
Fresh Water					8.34				10					
Fresh Water					8.34				8					
Available Mix Water <u>100</u> Bbl.		Available Displ. Fluid <u>100</u> Bbl.		TOTAL					<u>27.8</u>	<u>5.45</u>				
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
0	0	0	1.38	1.66	2.3	TBG	6850	6850						
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.
						NO PACKER		0			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				
10	BBLS	Fresh Water	8.34	0	0	0	0	0	3500	2500	TRUCK			
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: 8.34 LBS/GAL				Mud Density Out: 8.34 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 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 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: 1				Competition: 1				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: 6020 FT				Bottom of Plug: 6850 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:		Fluid Weight: LBS/GAL				
Casing Test (Update Original Treatment Report for Primary Job)														
Casing Test Pressure: 0 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:														

CEMENT JOB REPORT



Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

NA

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 3000 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
12:00	0	0	0	0	0	LEAVE THE YARD	
12:30	0	0	0	0	0	ARRIVE TO LOCATION	
12:40	0	0	0	0	0	SPOT TRUCK	
12:45	0	0	0	0	0	RIG UP SAFETY MEETING	
13:00	0	0	0	0	0	START CLOCK	
13:30	0	0	0	0	0	SAFETY MEETING	
13:55	0	0	0	0	0	MAKE TOP CONNECTION	
14:00	600	0	.8	2	H2O	LOAD LINE	
14:07	600	0	0	0	0	LOW PRESSURE TEST	
14:10	3000	0	0	0	0	PRESSURE TEST	
14:18	1800	0	1	8	H2O	SPACER	
14:26	0	0	0	0	H2O	SHUT DOWN TO BACH CEMENT	
14:33	1700	0	1.2	5	CMT	CLASS G CMT 20 SACKS & 15.8#	
14:38	1900	0	1.2	10	H2O	START DISPLACEMENT PRESSURE & RATE	
14:50	0	0	0	0	0	SHUT DOWN BALANCE PLUG TURN OVER TO RIG	
15:00	0	0	0	0	0	STOP CLOCK	
14:58	0	0	0	0	0	RIG DOWN MEETING	
00:00	0	0	0	0	0	TOP PLU & 6020' CALCULATE	
00:00	0	0	0	0	0	BOTTOM PLUG & 6850' CALCULATE	

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 checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	0	25	0	Y <input checked="" type="checkbox"/> N	

CEMENT JOB REPORT



CUSTOMER ANADARKO PETROLEUM COR			DATE 19-JAN-15		F.R. # 10011133132			SERV. SUPV. VITALIJS A NEVERDASOVŠ					
LEASE & WELL NAME BELL #L12-21 - API 05123158510000			LOCATION 12-3N-66W			COUNTY-PARISH-BLOCK Weld Colorado							
DISTRICT Brighton			DRILLING CONTRACTOR RIG # EWS #9 (WO)			TYPE OF JOB Plug & Abandon							
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	
Plug Slurry						260	15.8	1.15	4.96	02:01	53.45	30.69	
Fresh Water			n/a			0	8.34	0	0	00:00	19.5		
Fresh Water			n/a			0	8.34	0	0	00:00	10		
SMS Spacer			n/a			0	8.5	0	0	00:00	20		
Fresh Water			n/a			0	8.34	0	0	00:00	5		
Available Mix Water 160 Bbl.			Available Displ. Fluid 80 Bbl.			TOTAL			107.95	30.69			
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
10	0	4560	2.259	2.875	8.7	CSG	4500	4500	J-55				
				10		OPEN HOLE	4560	4560					
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.
						NO PACKER	0			2.375	8RD	WATER BASED	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			
19	BBLS	Fresh Water	8.34	0	0	0	12000	2500	0	0	TRANSPORT		
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 2 BPM					
Mud Density In: 8.34 LBS/G				Mud Density Out: 8.34 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 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"/> RECIPROICATION <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: 1				Competition: 1				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: 3952 FT				Bottom of Plug: 4500 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: NONE													

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)
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 3690 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
09:37	0	0	0	0	NA	ARRIVE ON LOCATION	
09:45	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP SAFETY MEETING	
10:31	0	0	0	0	NA	PRE JOB SAFETY MEETING	
11:57	115	0	.4	1	H2O	LOAD LINES	
12:00	3690	0	.4	.1	H2O	PRESSURE TEST	
12:03	614	0	3.1	10	H2O	FRESH WATER	
12:09	581	0	3.1	20	H2O	800 lbs SMS	
12:16	652	0	3.1	5	H2O	FRESH WATER	
12:22	251	0	2.5	53	CEMENT	260 sacks CLASS "G" CEMENT + 0.25 lbs/sack CELLO FLAKE + 0.4% CD-32 + 0.4% ASA-301 + 0.01 gps FP-6L @ 15.8 PPG	
12:43	491	0	3	19	H2O	DISPLACE	
12:50	0	0	0	0	N/A	SHUT DOWN	
13:11	0	0	0	0	NA	POST JOB 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 <input checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	0	107	0	Y <input checked="" type="checkbox"/> N	

CEMENT JOB REPORT



CUSTOMER ANADARKO PETROLEUM COR			DATE 20-JAN-15		F.R. # 10011133488			SERV. SUPV. ROBERT HORAN						
LEASE & WELL NAME BELL #L12-21 - API 05123158510000			LOCATION 12-3N-66W			COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton			DRILLING CONTRACTOR RIG # EWS #9 (WO)			TYPE OF JOB Plug & Abandon								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
NONE					NONE				NONE					
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		
Plug Slurry			C0107015			480	14.8	1.34	6.32	02:44	114.28	72.25		
Fresh Water			N/A			0	8.34	0	0	00:00	6			
Fresh Water			N/A			0	8.34	0	0	00:00	20			
Mud Clean II			N/A			0	8.5	0	0	00:00	10			
Available Mix Water 250 Bbl.			Available Displ. Fluid 250 Bbl.			TOTAL			150.28	72.25				
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
10		1370	2.259	2.875	8.7	TBG	1370	1370	P-110					
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	CSG	560	560	NO PACKER					2.375	8RND	WATER BASED	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			
3.5	BBLS	Fresh Water		8.34	0	0	0	6160	2000	0	0	TANKER		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 2 BPM						
Mud Density In: 8.34 LBS/G				Mud Density Out: 8.34 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: 1 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 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 checked="" 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: 0				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: 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						
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										

CEMENT JOB REPORT



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 4637 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
07:00	0	0	0	0	N/A	YARD CALL	
08:15	0	0	0	0	N/A	SAFETY MEETING	
08:30	0	0	0	0	N/A	LEAVE YARD	
12:55	0	0	0	0	N/A	ARRIVE LOCATION	
13:00	0	0	0	0	N/A	STAGE TRUCKS	
13:40	0	0	0	0	N/A	SAFETY MEETING	
13:58	0	0	1	1	H2O	LOAD LINES	
13:59	4637	0	0	0	H2O	PRESSURE TEST	
14:02	357	0	3.5	20	H2O	SPACER FRESH	
14:10	408	0	3.5	10	H2O	SPACER MUD CLEAN II	
14:15	332	0	3.5	110	CMT	BATCH,WEIGH, PUMP 14.8#	
14:50	77	0	2.4	3.5	H2O	DISPLACEMENT	
14:52	0	0	0	0	N/A	BALANCE	
14:56	0	0	0	0	N/A	WASHUP / DONE	

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 checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	0	0	0	Y <input checked="" type="checkbox"/> N	

CEMENT JOB REPORT



CUSTOMER ANADARKO PETROLEUM COI			DATE 22-JAN-15		F.R. # 1001133918			SERV. SUPV. JOHN R WUDARCZYK											
LEASE & WELL NAME BELL #L12-21 - API 05123158510000					LOCATION 12-3N-66W				COUNTY-PARISH-BLOCK Weld Colorado										
DISTRICT Brighton					DRILLING CONTRACTOR RIG # EWS #9 (WO)				TYPE OF JOB Plug & Abandon										
SIZE & TYPE OF PLUGS			LIST-CSG-HARDWARE			MECHANICAL BARRIERS			MD	TVD	HANGER TYPES		MD	TVD					
NONE			No Shoe			None					NONE								
			NA-P&A																
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			
Plug Slurry										40	14.8	1.34	6.32	02:44	9.5	6.01			
Fresh Water										0	8.34	0	0	00:00	1.5				
Fresh Water										0	8.34	0	0	00:00	10				
Mud Clean II										0	8.5	0	0	00:00	10				
Available Mix Water 80 Bbl.			Available Displ. Fluid 50 Bbl.			TOTAL			31		6.01								
HOLE			TBG-CSG-D.P.							COLLAR DEPTHS									
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE							
0	0	0	2.259	2.875	8.7	TBG	540	540	P-110	0	0	0							
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	CSG	560	560	NO PACKER		0	0	0	2.875	8RND	WATER BASED	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								
1.5	BBLS	Fresh Water		8.34	0	0	0	12000	1500	2950	1500	TRANSPORT							
Circulation Prior to Job																			
Circulated Well: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>					Circulation Time: .15					Circulation Rate: 2.5 BPM									
Mud Density In: 8.34 LBS/G					Mud Density Out: 8.34 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 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"/> RECIPROICATION <input checked="" 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 checked="" type="checkbox"/> NO MANIFOLD																			
Plugs																			
Number of Attempts by BJ: 1					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: 398 FT					Bottom of Plug: 540 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: NONE																			
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)
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	3415 PSI
						CIRCULATING WELL - RIG <input type="checkbox"/>	BJ <input checked="" type="checkbox"/>
07:00	0	0	0	0	0	ARRIVE ON LOCATION (25 MILES)	
07:20	0	0	0	0	0	PRE RIG UP SAFETY MEETING	
08:15	0	0	0	0	0	PRE JOB MEETING	
08:50	3	0	1	2	H2O	LOAD LINES	
08:54	3415	0	0	0	H2O	PRESSURE TEST PUMPS AND LINES	
09:00	198	0	2.5	10	H2O	ESTABLISH CIRCULATION	
09:04	195	0	2.1	10	H2O	MUD CLEAN SPACER	
09:12	115	0	1.3	9	CMT	BATCH UP AND PUMP CEMENT SLURRY @ 14.8#	
09:23	0	0	.7	1.5	H2O	DISPLACE	
09:25	0	0	0	0	H2O	SHUT DOWN / WASH UP	
09:35	0	0	0	0	0	POST JOB 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 <input checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	0	32.5	0	Y <input checked="" type="checkbox"/> N	



Pumping Service Report

9201411

Client Name Anadarko Petroleum Corporation	Well Name Bell L 12 - 21	Rig	Job Date January 23,2015	Call Sheet 1054048
Client Representative Mr. Chris Row	Surface Well Location Sec 12:T3N:R66W	Down Hole Well Location	Job Type Cement Misc.	Lead Supervisor Prigmore, Dominic (27161)

Well Profile

Well Type: Oil
 Maximum Treating Pressure (psi): ---
 Predicted Bottom Hole Static Temperature (°F): --- @ --
 Bottom Hole Circulating Temperature (°F): --- @ --
 Bottom Hole Logged Temperature (°F): --- @ --

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Internal Yield Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
8.625	24.000	J-55	1,370.0	2,950.0	34.71	8.097	9.625	0.0	545.0

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
2.780	8.700	j-55	--	--	--	--	0.000	445.000

Products

Plug 1
 From Depth (ft): 97
 To Depth (ft): 445
 Plug Type : Abandonment
 Acids/Blends/Fluids :
 Tail: 75 Sacks of Control Set C, Density = 13.5 lb/gal, Volume Pumped = 23.25 (bbl)
 Water Temperature(°F) = 47 , Bulk Temperature(°F) = 47 , Slurry Temperature(°F) = 57
 + 0.25 lb/sack of Polyflake (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 97
Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.400	--	--	Jan 05, 2015 15:14

Units & Personnel

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
201273	PICKUP	3/4 Ton				01/23/2015 07:15	01/23/2015 10:00
740004	BODY JOB	C & A				01/23/2015 07:15	01/23/2015 10:00
746508	BODY JOB	Baby Bulker				01/23/2015 07:15	01/23/2015 10:00

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Prigmore, Dominic (27161)	01/23/2015 07:15	01/23/2015 10:00		
Schroeder, Stephen (25442)	01/23/2015 07:15	01/23/2015 10:00		
Cheal, Samuel (28315)	01/23/2015 07:15	01/23/2015 10:00		
Hall, Austin (28887)	01/23/2015 07:15	01/23/2015 10:00		
Welch, Steven (30076)	01/23/2015 07:15	01/23/2015 10:00		

Treatment Reports & Remarks

Treatment Report

Event #	Event Time	Event Description	Fluid Type	Rate (bbl/min)	Tubular Pressure (psi)	Annular Pressure (psi)	Stage Volume (bbl)	Total Volume (bbl)
1	Jan 23,2015 07:15	Arrive On Location		--	--	--	--	0.00
2	Jan 23,2015 07:30	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Jan 23,2015 08:05	Rig in Complete		--	--	--	--	0.00
4	Jan 23,2015 08:10	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Jan 23,2015 08:43	Start - Fluid	Water	2.00	200.0	--	2.00	2.00
		Remarks: Filled our lines. Primed up						
6	Jan 23,2015 08:45	Pressure Test Start	Water	--	2,500.0	--	1.00	3.00
		Remarks: Pressure held.						
7	Jan 23,2015 08:46	Pressure Test Complete		--	0.0	--	--	3.00
8	Jan 23,2015 08:47	Establish Circulation	Water	2.30	150.0	--	3.00	6.00
		Remarks: Circulation good.						
9	Jan 23,2015 08:50	Mix Cement	Control Set C	3.00	110.0	--	23.25	29.25
		Remarks: Density scaled @ 13.50 lb/gal.						
10	Jan 23,2015 08:55	Displace Fluid	Water	3.00	80.0	--	1.50	30.75
		Remarks: Displaced to clear our lines.						
11	Jan 23,2015 09:05	Job Complete		--	--	--	--	30.75
12	Jan 23,2015 09:45	Leave Location		--	--	--	--	30.75

Did Float Hold: Not Applicable
 Fluid Returns : Not Expected
 Type :
 Volume (bbl) :
 Temperature (°F) : --
 FDAS Functioning Correctly : Yes
 Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number
 55235