

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION	DATE 19-MAR-13	F.R. # 1001973416	SERV. SUPV. BARLEN M JOYNER
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LEASE & WELL NAME RIVER BLUFFS #10-13 - API 05069064520000	LOCATION 13-6N-68W	COUNTY-PARISH-BLOCK Larimer Colorado
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DISTRICT Brighton	DRILLING CONTRACTOR RIG # ENSIGN 7	TYPE OF JOB Surface
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SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
Cement Plug, Rubber, Top 8-5/8 in	Float Collar, AI Flap, 8-5/8 - 8rd	NONE	0	0	NONE	0	0
	Float Shoe 8-5/8 - 8rd						
	Centralizer, with Pins, 8-5/8 in						
	Cement Basket, Slip On, 8-5/8 in						

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	0	8.34	0	0	00:00	45.5	
Fresh Water + Dye	0	0	8.34	0	0	00:00	10	
Typelll+ 2%CaCl+.25%CF+.08SF	0	299	14.5	1.41	6.82	00:00	75.09	48.53
Fresh Water	0	0	8.34	0	0	00:00	30	
Available Mix Water <u>500</u> Bbl.		Available Displ. Fluid <u>350</u> Bbl.		TOTAL		160.59		48.53

HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25	0	770	8.097	8.625	24	CSG	757	757	J-55	757	715	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.
						NO LINER		0			8.625	8RD	WATER BASED	9.4

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	RIG TANK
45.5	BBLS	Fresh Water	8.34	229	0	0	0	0	3590	2000	RIG TANK

Circulation Prior to Job			
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	Circulation Time: 1	Circulation Rate: 4 BPM	
Mud Density In: 9.4 LBS/GAL	Mud Density Out: 9.4 LBS/GAL	PV & YP Mud In: 40	PV & YP Mud Out: 40
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 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 type="checkbox"/> NO <input checked="" type="checkbox"/> YES	Quantity: 5	Type: <input 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: NONE

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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	EXPLANATION	
	PIPE	ANNULUS				SAFETY MEETING: BJ CREW	CO. REP.
						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
						TEST LINES 3568 PSI	
						<input checked="" type="checkbox"/>	<input type="checkbox"/>
						CIRCULATING WELL - RIG BJ	
09:00	0	0	0	0	N/A	YARD CALL	
11:05	0	0	0	0	N/A	ARRIVE ON LOCATION (41 MILES) RIGGING DOWN CASERS	
11:15	0	0	0	0	N/A	SPOT TRUCKS	
11:20	0	0	0	0	N/A	PRE-RIG UP SAFETY MEETING	
11:50	0	0	0	0	N/A	SAFETY MEETING	
12:20	3568	0	0	0	WATER	PRESSURE TEST	
12:23	249	0	6.1	30	WATER	FRESH WATER SPACER	
12:27	273	0	6.1	10	WATER	FRESH WATER + DYE SPACER	
12:30	199	0	4.1	73	CMT	BATCH UP, WEIGH AND PUMP 299 SX OF TYPE III + 0.08 LBS/SACK STATIC FREE + 2% CACL2 + 0.25 LBS/SACK CELLO FLAKE @ 14.5 PPG	
12:51	0	0	0	0	N/A	RELEASE PLUG	
13:02	149	0	7.2	40	WATER	START DISPLACEMENT	
13:12	224	0	2.4	5.5	WATER	DROP RATE	
13:14	229	0	2.4	45.5	WATER	BUMP PLUG	
13:14	323	0	0	0	N/A	PLUG DOWN @ 45.5 BBLS	
13:16	0	0	0	0	N/A	PRE-RIG DOWN SAFETY MEETING	
14:00	0	0	0	0	N/A	TIME OFF LOCATION	

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	229	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	7	159	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	