

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION		DATE 19-MAR-13	F.R. # 1001973416	SERV. SUPV. BARLEN M JOYNER	
LEASE & WELL NAME RIVER BLUFFS #10-13 - API 05069064520000		LOCATION 13-6N-68W		COUNTY-PARISH-BLOCK Larimer Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # ENSIGN 7		TYPE OF JOB Surface	

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						

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	0	8.34	0	0	00:00	45.5	
Fresh Water + Dye	0	0	8.34	0	0	00:00	10	
Type III + 2%CaCl ₂ + .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 500 Bbl.		Available Displ. Fluid 350 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	
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
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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

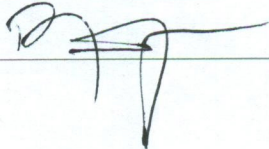
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
 NONE

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	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>		
	PIPE	ANNULUS				TEST LINES	3568 PSI	
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
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 <input type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 229	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 7	TOTAL BBL. PUMPED 159	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Service Supervisor Signature: 
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