

CEMENT JOB REPORT



CUSTOMER EOG Resources Inc.		DATE 15-OCT-10	F.R. # 1001702635	SERV. SUPV. CORY A THAUT	
LEASE & WELL NAME HEBRON #1-18H - API 05057065010000		LOCATION 18-7N-80W		COUNTY-PARISH-BLOCK Jackson Colorado	
DISTRICT Rock Springs		DRILLING CONTRACTOR RIG # SST-53		TYPE OF JOB Intermediate	

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES					
Cement Plug, Rubber, Top 7 in	Guide Shoe, Cement Nose, 7 in	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
	Float Collar, Pop Valve, 7 - 8rd								
MATERIALS FURNISHED BY BJ									
Claytreat Water + Alpha-125			8.43				20		
Mud Clean I + Alpha-125			8.34				20		
Claytreat Water + Alpha-125			8.34				20		
PremiumLite2+5%bent+.02%sttcf+.25%cellflk+.4%fl52		870	12.5	1.92	10.55	04:48	297	218.17	
50:50:5+.4% FL-52+.25% SMS+20%Silicaflo		215	13.5	1.74	8.43	04:23	66	42.75	
+.2% Static Free + 5% Bentonite		0	13.5	1.74	8.43	04:23	0	0	
Fresh water			8.34				10		
Water based mud			9.3				275		
Available Mix Water 800 Bbl.		Available Displ. Fluid 428 Bbl.		TOTAL		708 260.92			

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
10	16	7300	7	23	CSG	7291	P-110	7291	7243	

LAST CASING				PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
9.625	36	CSG	1054	No Packer	0	0	0	7	8RND	WATER BASED MU	9.5

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	
285	BBLs	Water based mud	9.3	1337	0	0	0	0	8720	6976	Rig

Circulation Prior to Job			
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	Circulation Time: 4 Circulation Rate: 5 BPM		
Mud Density In: 9.5 LBS/GAL Mud Density Out: 9.5 LBS/GAL	PV & YP Mud In: 14 PV & YP Mud Out: 14		
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: 2 BBLs		
Returns During Job: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> PARTIAL <input 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"/> 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 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:

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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)

Rig was stuck in hole with casing (with three joints left to run - could not move casing up or down) and was unable to circulate. After a while of trying to move pipe and establish circulation, rig was eventually able to establish circulation and move pipe.

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

Lost returns @ 204 bbls into displacement - about 1 bbl after cement returned to surface. We did not regain returns for the remainder of the job.

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	6547 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
15:30						Arrive on location (10-14-10)	
15:50						Spot equipment	
16:15						Pre rig up safety meeting	
16:20						Begin ground rig up	
17:30						Ground rig up complete	
17:30						Waiting on rig - Rig stuck in hole and unable to circulate	
02:50						JSA with customer and rig crew	
03:15						Bring equipment to rig floor	
03:25						Wait for rig to break circulation and rig down casing crew's hose	
03:33						Begin floor rig up	
03:55						Floor rig up complete	
04:09	248	0	2.3	2	H2O	Load lines	
04:11	1986	0	0	0	H2O	Low pressure test	
04:14	6547	0	0	0	H2O	High pressure test	
04:17	525	0	5	20	TRTDH2O	Claytreat water + Alpha 125 spacer	
04:21	600	0	5	20	MDCLN	Mud clean + Alpha 125 spacer	
04:26	526	0	5	20	TRTDH2O	Claytreat water + Alpha 125 spacer	
04:36	450	0	6	297	CMNT	Pump lead cement	
05:28	324	0	5	66	CMNT	Pump tail cement	
05:44						Shut down	
05:49	147	0	5.4	10	H2O	Drop plug/Pump disp-spacer (wash up on top plug with fresh water)	
05:52	147	0	5.4	20	MUD	Swap to water based mud to continue with displacement	
05:58	147	0	5.4	50	MUD	Rate and pressure	
06:08	702	0	5.4	100	MUD	Rate and pressure	
06:18	1080	0	5.4	150	MUD	Rate and pressure	
06:28	1483	0	5.3	200	MUD	Rate and pressure	
06:29	1483	0	5.3	204	MUD	Cement to surface - Immediately lost returns	
06:32	1331	0	3.8	220	MUD	Slow rate	
06:45	1357	0	2	260	MUD	Slow rate	
06:46	1357	0	2	262	MUD	Shut down to stage cement - per customer	
06:51	1306	0	2	262	MUD	Resume pumping displacement	
07:05	1508	0	2	285	MUD	Pressure just before bump plug	
07:05	2012	0	2	285	MUD	Bump plug	
07:06	2012	0	0	0	MUD	Check floats (floats holding)	
07:09	1558	0	0	0	MUD	Begin casing test	
07:45	1683	0	0	0	MUD	End casing test/Stop service	

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	PIPE	ANNULUS				TEST LINES	6547 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
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 checked="" type="checkbox"/> Y <input type="checkbox"/> N	2012	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	10	708	0	Y <input checked="" type="checkbox"/> N	



BJ Services JobMaster Program Version 3.50

Job Number: 1001702635

Customer: EOG

Well Name: Hebron 1-18H

