

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION &			DATE 21-AUG-15		F.R. # 10011172127			SERV. SUPV. ERIC S DEWIT						
LEASE & WELL NAME WALTON #I-25HN - API 05123414210000			LOCATION 25-7N-67W			COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton			DRILLING CONTRACTOR RIG # FRONTIER 10			TYPE OF JOB Intermediate								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
Cement Plug, Rubber, Top 5-1/2 in		Centralizer, with Pins, 5-1/2 in												
		Float Collar, Auto Fill, 5-1/2 - Butt												
		Float Shoe 5-1/2 - Butt												
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		
FRESH WATER						0	8.34	0	0		20			
PLHS + Adds				C08-051-15		860	12	2.42	13.56	07:39	370.07	277.64		
50:50 Class G/Poz + Adds				C08-051-15		1,020	13.8	1.75	8.00	05:34	317.9	194.48		
Fresh Water						0	8.34	0	0		285.01			
UltraFlush II						0	11				60			
Available Mix Water 800 Bbl.				Available Displ. Fluid 300 Bbl.		TOTAL				1052.98	472.12			
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.5	32	12271	4.892	5.5	17	CSG	12271	7271	P-110	12271	12260			
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.
8.9	9.63	36	CSG	1500	1500	No Packer		0	0	0	5.5	BUTT	WATER BASED	10
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			
285.0	BBLS	Fresh Water		8.34	1609	0	0	0	0	4000	5000	Upright, Rig tank		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1.5				Circulation Rate: 5 BPM						
Mud Density In: 10 LBS/GAL				Mud Density Out: 10 LBS/GAL				PV & YP Mud In: 16		PV & YP Mud Out: 16				
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: 1.5 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 type="checkbox"/> NO <input checked="" 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: 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	5444 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
21:50	0	0	0	0	N/A	Leave yard	
22:55	0	0	0	0	N/A	Arrive on location (47 Miles) rig on bottom circulating	
22:56	0	0	0	0	N/A	Spot trucks	
23:26	0	0	0	0	N/A	Pre rig up safety meeting	
00:30	0	0	0	0	N/A	Done rigging up waiting for rig to finish circulating	
01:13	0	0	0	0	N/A	Pre job safety meeting	
01:25	0	0	0	0	N/A	Wait on rig to get the YP of the mud down	
02:05	0	0	0	0	N/A	Rig up head and manifold	
02:22	261	0	1.7	2	H2O	Load pumps and lines	
02:24	5444	0	0	0	H2O	Pressure test pumps and lines	
02:38	451	0	6	20	H2O	Fresh water spacer	
02:45	364	0	4.9	64	BAR	Pump weighted spacer @11 ppg	
03:06	41	0	0	0	CMT	Batch, and weigh lead cement @12 ppg	
03:11	452	0	5	375	CMT	Pump 860 sacks of Premium Lite High Strength Cement + Adds @12 ppg	
04:32	228	0	4.8	330	CMT	Pump 1020 sacks of 50/50 Poz (Fly Ash) Class G Cement + Adds @13.8 ppg	
05:53	0	0	0	0	N/A	Shut down wash up pumps and lines	
05:55	0	0	0	0	N/A	Release plug, and wait on pump wash up	
06:06	1629	0	7.2	150	H2O	Displacement	
06:27	1827	0	6.1	30	H2O	Drop rate	
06:32	1774	0	4.8	14	H2O	Drop rate	
06:35	1588	0	2.5	6	H2O	Drop rate so rig can swap over to their catch tank	
06:37	1870	0	4.9	60	H2O	Increase rate	
06:50	1723	0	2.5	24	H2O	Drop rate	
17:00	2255	0	0	0	H2O	Bump plug (45 bbls of cement back to surface)	
07:02	3350	0	2.4	1	H2O	Blow the shoe collar	
07:02	1743	0	2.4	5	H2O	Pump 5 bbls for a wet shoe	
07:04	1555	0	0	0	H2O	Shut down	
07:10	0	0	0	0	H2O	Check floats (floats held)	
07:17	0	0	0	0	N/A	Pre 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:
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	1723	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	45	1081	0	Y <input type="checkbox"/> N	

