

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM			DATE 14-APR-15		F.R. # 10011150127			SERV. SUPV. STEPHEN J CARDOS					
LEASE & WELL NAME HORSETAIL #08D-1704 - API 05123410240000			LOCATION 8-10N-57W			COUNTY-PARISH-BLOCK Weld Colorado							
DISTRICT Brighton			DRILLING CONTRACTOR RIG # Unit 406			TYPE OF JOB Plug Back							
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD	
N/A		N/A			N/A		0	0	N/A		0	0	
MATERIALS FURNISHED BY BHGE			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	
ClassG+.4%CD32			C0404515			422	17	0.99	3.78	02:02	74.41	37.99	
Fresh Water			N/A			0	8.34	0	0	00:00	2		
Ultraflush II			N/A			0	10	0	0	00:00	16		
Ultraflush II			N/A				10	0	0	00:00	1.4		
DRILLING MUD			N/A				0	0	0	00:00	28		
Available Mix Water 800 Bbl.			Available Displ. Fluid 1000 Bbl.			TOTAL			121.81		37.99		
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
8.75	0	5840	2.441	2.875	6.5	TBG	5839	5839	N-80				
			2.687	4	29	DP	4576	4576	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	8RND	WATER BASED	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			
28	BBLS	Fresh Water DRILLING MUD	8.34 0	0	0	0	5808	3000	0	0	RIG TANK		
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BHGE <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 4 BPM				
Mud Density In: 9.5 LBS/GAL			Mud Density Out: 9.5 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"/> BHGE <input checked="" type="checkbox"/>						Amount Bled Back After Job: .25 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: 0			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 BHGE: 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: BHGE CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	4751 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BHGE <input type="checkbox"/>
21:15	0	0	0	0	N/A	LEAVE YARD	
23:30	0	0	0	0	N/A	ARRIVE ON LOCATION (TRIPPING IN TUBING)	
01:15	0	0	0	0	N/A	SPOT TRUCKS	
01:25	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
01:30	0	0	0	0	N/A	RIG UP (WAIT FOR RIG TO FINISH TRIPPING)	
05:00	0	0	0	0	N/A	SAFETY MEETING	
05:53	250	0	2.1	2	H2O	LOAD LINES	
05:55	4751	0	0	0	H2O	PRESSURE TEST	
06:03	440	0	3.5	24	H2O	FRESH WATER SPACER	
06:12	523	0	3.6	16	H2O	WEIGHTED SPACER	
06:26	197	0	3.6	73	CMT	BATCH/WEIGH/PUMP 17 LB CEMENT	
06:52	44	0	2.4	1.4	H2O	WEIGHTED SPACER DISPLACEMENT	
06:53	36	0	1.8	2	H2O	WEIGHTED SPACER DISPLACEMENT	
07:02	69	0	3.6	28	MUD	DRILLING MUD DISPLACEMENT	
07:10	0	0	0	0	H2O	DOWN/BALANCE (TOTAL DISPLACED W/SPACER AND FRESH 31.4)	
07:10	0	0	0	0	N/A	JOB DONE	
07:21	0	0	0	0	N/A	RIG STARTED PULLING PIPE (4:28 PER STAND)	

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	146.8	0	Y <input checked="" type="checkbox"/> N	