

CEMENT JOB REPORT



CUSTOMER EXTRACTION OIL AND GAS		DATE 06-AUG-15	F.R. # 10011169670		SERV. SUPV. Daniel F Kuenz									
LEASE & WELL NAME WAAG #9 - API 05123403530000		LOCATION 19-7N-65W		COUNTY-PARISH-BLOCK Weld Colorado										
DISTRICT Brighton		DRILLING CONTRACTOR RIG # H&P 319		TYPE OF JOB Intermediate										
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD TVD HANGER TYPES MD TVD								
7" Top Cem Plug, Nitrile cvr, Phen		Float Collar, Pop Valve, 7 - 8rd												
		Float Shoe , Up Jet, 7in., 32 ppf, 8r												
		Stop Collar, 7 in												
		Centralizer, with Pins, 7 in												
		Thread Locking Compound												
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES										
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³								
Fresh Water					8.34									
UltraFlush II					11.5									
PLC+.1%R3+.7%FL52+.2%SMS301+6%Gel+.01gpsFP		C08-006-15		458	12.7	1.86								
50:50Poz:G+.1%R3+.2%ASA301+.2%SMS+.6%FL63		C08-006-15		365	13.8	1.47								
+10#sCSE2+.01gpsFP6L		C08-006-15			13.8									
Fresh Water					8.34									
Water Based Mud					10.4									
Available Mix Water 400 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL		575.9 167.76								
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.75	25	7600	6.276	7	26	CSG	7584	7183	P-110	7584	7540.6	1		
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	903	903	No Packer		0	0	0	7	8RND	WATER BASED	10.4
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				
288.6	BBLS	Water Based Mud	10.4	1196	0	0	0	0	9960	7968	Rig Tanks			
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: .5				Circulation Rate: 7 BPM						
Mud Density In: 10.4 LBS/G				Mud Density Out: 10.4 LBS/GAL				PV & YP Mud In: 11		PV & YP Mud Out: 11				
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 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"/> RECIPROICATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 46				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				

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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

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)

Landing Joint collar threads bad. Tried landing pin & rig circ swedge both leaking badly. Rig had new collar brought out to location and intalled onto landing joint. BHI landing pin threads appeared flattened out a bit and it did not tighten down to where it usually does. Made decision to pump job through circ swedge with a 2" full open valve instead of cement head.

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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: Rig running casing when we arrived on location. Approx 59 joint left to run into hole.

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	4996 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
07:30						YARD CALL	
09:15						PRE-JOB CONVOY SAFETY MEETING	
09:30						DEPART BHI YARD	
10:30						ARRIVE ON LOCATION	
10:35						CHECK IN WITH COMPANY MAN	
10:45						ALL EO'S OFF DUTY WELLSITE, RIG RUNNING CASING	
12:30						ALL EO'S BACK ON DUTY	
12:35						SAFETY WALK AROUND ON LOCATION	
12:40						PRE-RIG UP SAFETY MEETING	
12:45						SPOT CEMENT EQUIPMENT ON LOCATION	
12:55						RIG UP GROUND IRON, BULK TRUCKS & WATER HOSES	
01:30						ALL EO'S OFF DUTY WELLSITE, RIG RUNNING CASING	
14:30						ALL EO'S BACK ON DUTY, FINISH RIGGING IRON TO RIG FLOOR	
14:45	500	0	7.1	210	WBM	CASING LANDED, RIG CIRCULATING, RIG DOWN CASING CREW	
14:50						PRE-JOB SAFETY MEETING	
15:15						STAB CEMENT HEAD	
15:45	469	0	2.4	2	H2O	LOAD LINES, FRESH WATER SPACER	
15:47	0	0	0	0	H2O	SHUT DOWN, LANDING PIN LEAKING	
15:50	0	0	0	0	H2O	REMOVED CEMENT HEAD, PIN. SCREWED IN RIG'S CIRC SWEDGE	
16:00	0	0	0	0	H2O	MAKE UP TOP CONNECTION WITH 2" FULL OPEN VALVE	
16:07	246	0	1.4	1	H2O	LOAD LINES, FRESH WATER SPACER	
16:09	0	0	0	0	H2O	SHUT DOWN, SWEDGE LEAKING AROUND THREADS	
16:10	0	0	0	0	H2O	RIG BRINGING OUT NEW COLLAR	
16:19	526	0	7	50	WBM	RIG BREAKING CIRCULATION	
16:25	0	0	0	0	WBM	SHUT DOWN, RIG REMOVING BAD COLLAR	
16:40	0	0	0	0	WBM	NEW COLLAR ON LOCATION	
16:45	0	0	0	0	WBM	INSTALL NEW COLLAR ON LANDING JOINT	
16:50	0	0	0	0	WBM	MAKE UP TOP CONNECTION WITH BHI CIRC SWEDGE & 2" FULL OPEN VALVE	
16:59	469	0	2.4	2	H2O	LOAD LINES, FRESH WATER SPACER	
17:01	4996	0	0	0	H2O	PRESSURE TEST HARD LINES	
17:05	369	0	3.6	18	H2O	FRESH WATER SPACER	
17:11	0	0	0	0	H2O	BATCH UP ULTRA FLUSH II SPACER 11.5#	

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	PIPE	ANNULUS				TEST LINES 4996 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
17:14	290	0	2.6	20	H2O	ULTRA FLUSH SPACER @ 11.5#	
17:23	0	0	0	0	CEMENT	BATCH UP LEAD CEMENT SLURRY 12.7#	
17:28	496	0	5	100	CEMENT	458sks PLC @ 12.7# LEAD CEMENT SLURRY	
17:50	302	0	5	51.7	CEMENT	458sks PLC @ 12.7# LEAD CEMENT SLURRY	
18:06	0	0	0	0	CEMENT	BATCH UP TAIL CEMENT SLURRY 13.8#	
18:09	219	0	5	95.6	CEMENT	365sks (50:50)Poz:G @ 13.8# TAIL CEMENT SLURRY	
18:32	0	0	0	0	CEMENT	SHUT DOWN, WASH UP CEMENT PUMP, DROP TOP PLUG	
18:39	96	0	5	20	H2O	FRESH WATER DISPLACEMENT SPACER	
18:44	169	0	6.4	80	WBM	WATER BASED MUD DISPLACEMENT	
18:59	169	0	6.4	25	WBM	WATER BASED MUD DISPLACEMENT	
19:02	426	0	6.4	75	WBM	WATER BASED MUD DISPLACEMENT	
19:15	1209	0	6.4	70	WBM	WATER BASED MUD DISPLACEMENT	
19:25	1269	0	2.6	18.6	WBM	SLOW RATE, WATER BASED MUD DISPLACEMENT	
19:30	2016	0	0	0	WBM	BUMP PLUG 750 psi OVER FINAL LIFT PRESSURE	
19:32	2042	0	0	0	WBM	TEST FLOATS, BLEED OFF PRESSURE	
19:33	0	0	0	0	WBM	FLOATS HELD, 2 bbls FLOWED BACK	
19:34						SHUT DOWN, TURNED WELL BACK OVER TO RIG	
19:36						POST-JOB SAFETY MEETING, RIG DOWN	
						16 bbls OF CEMENT BACK TO SURFACE	
						TOP OF LEAD CEMENT @ SURFACE	
						TOP OF TAIL CEMENT @ APPROX 1969'	
						THANK YOU FOR YOUR SAFE WORK, GOOD COMMUNICATION & COOPERATION !!!!! DANIEL & THE CREW	
20:30						POST-JOB CONVOY SAFETY MEETING	
20:45						DEPART LOCATION	
22:00						ARRIVE BACK ON BHI YARD	
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	2016	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	16	575.9	0	Y <input checked="" type="checkbox"/> N	