

CEMENT JOB REPORT



CUSTOMER EXTRACTION OIL AND GAS		DATE 29-JUL-15	F.R. # 10011167616		SERV. SUPV. Daniel F Kuenz									
LEASE & WELL NAME WAAG #10 - API 05123403620000		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%ASA301+6%Gel+.01gpsFP		C07-065-15		478	12.7	1.86								
50:50Poz:G+.1%R3+.2%ASA301+.2%SMS+.6%FL63		C07-065-15		349	13.8	1.47								
+10#skCSE2+.01gpsFP6L					13.8									
Fresh Water					8.34									
Water Based Mud					10.1									
Available Mix Water 360 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL		Bbl Bbl MIX WATER								
						584.8 169.98								
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.75	25	7745	6.276	7	26	CSG	7728	7365	P-110	7728	7684.6	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	871	871	No Packer		0	0	0	7	8RND	WATER BASED	10.1
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				
295	BBLS	Water Based Mud	10.1	1224	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: 1.5				Circulation Rate: 6 BPM						
Mud Density In: 10.1 LBS/G Mud Density Out: 10.1 LBS/GAL				PV & YP Mud In: 17				PV & YP Mud Out: 17						
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 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 type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 49				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)
 None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
 Floats did not hold. Bumped plug 4 times. Locked in 800 psi at cement head. Rig going to wait 4 to 6 hrs before bleeding off pressure.

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 half way into well with casing.

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	5136 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
04:30						YARD CALL	
06:45						PRE-JOB CONVOY SAFETY MEETING	
07:00						DEPART BHI YARD	
08:00						ARRIVE ON LOCATION	
08:05						ALL EO'S OFF DUTY WELLSITE, RIG RUNNING CASING	
10:00						CHECK IN WITH COMPANY MAN	
13:45						ALL EO'S BACK ON DUTY	
13:50						SAFETY WALK AROUND ON LOCATION	
13:55						PRE-RIG UP SAFETY MEETING	
14:00						SPOT CEMENT EQUIPMENT ON LOCATION	
14:00	960	0	6	500	WBM	CASING LANDED, RIG CIRCULATING	
14:50						PRE-JOB SAFETY MEETING	
15:10						STAB CEMENT HEAD	
15:29	69	0	1.3	2	H2O	LOAD LINES, FRESH WATER SPACER	
15:32	5136	0	0	0	H2O	PRESSURE TEST HARD LINES	
15:38	569	0	4.9	18	H2O	FRESH WATER SPACER	
15:42	0	0	0	0	H2O	BATCH UP ULTRA FLUSH II 11.5#	
15:50	296	0	3	20	H2O	ULTRA FLUSH II SPACER @ 11.5#	
15:57	0	0	0	0	CEMENT	BATCH UP LEAD CEMENT SLURRY 12.7#	
16:04	569	0	5.2	100	CEMENT	478sks PLC @ 12.7# LEAD CEMENT SLURRY	
16:25	369	0	5.2	58.4	CEMENT	478sks PLC @ 12.7# LEAD CEMENT SLURRY	
16:36	469	0	6.8	91.4	CEMENT	349sks (50:50)Poz:G @ 13.8# TAIL CEMENT SLURRY	
16:54	0	0	0	0	CEMENT	SHUT DOWN, WASH UP CEMENT PUMP, DROP TOP PLUG	
17:00	96	0	2.9	20	H2O	FRESH WATER DISPLACEMENT SPACER	
17:04	129	0	6.8	80	WBM	WATER BASED MUD DISPLACEMENT	
17:18	296	0	6.5	50	WBM	WATER BASED MUD DISPLACEMENT	
17:26	679	0	6.8	50	WBM	WATER BASED MUD DISPLACEMENT	
17:34	1236	0	6.9	80	WBM	WATER BASED MUD DISPLACEMENT	
17:46	1209	0	2.9	15	WBM	SLOW RATE, WATER BASED MUD DISPLACEMENT	
17:52	2500	0	0	0	WBM	BUMP PLUG 1000 psi OVER FINAL LIFT PRESSURE	
17:54	2096	0	0	0	WBM	TEST FLOATS, BLEED OFF PRESSURE	
17:55	0	0	0	0	WBM	FLAOTS DID NOT HOLD HELD, 2 bbls FLOWED BACK	
17:58	1500	0	0	0	WBM	RE-BUMP PLUG	
18:00	1496	0	0	0	WBM	TEST FLOATS	
18:01	0	0	0	0	WBM	FLOATS DID NOT HOLD	

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	PIPE	ANNULUS				TEST LINES 5136 PSI		
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		
18:04	1500	0	0	0	WBM	RE-BUMP PLUG		
18:06	0	0	0	0	WBM	FLOATS DID NOT HOLD		
18:08	1500	0	0	0	WBM	RE-BUMP PLUG		
18:20	800	0	0	0	WBM	BLEED BACK TO 800 psi, LOCK IN PRESSURE AT WELLHEAD		
18:22						SHUT DOWN, TURN WELL BACK OVER TO RIG		
18:25						POST-JOB SAFETY MEETING, RIG DOWN		
						10 bbls OF ULTRA FLUSH II BACK TO SURFACE		
						BASED ON SPACER BACK TO SURFACE LEAD CEMENT TOP CALCULATED @ APPROX 336'		
						TOP OF TAIL CEMENT @ APPROX 4394'		
						THANK YOU FOR YOUR SAFE WORK, GOOD COMMUNICATION & COOPERATION!!!!!! DANIEL & THE CREW		
19:00						POST-JOB CONVOY SAFETY MEETING		
19:15						DEPART LOCATION		
20:30						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	2500	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	584.8	800	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N		