

CEMENT JOB REPORT



CUSTOMER EXTRACTION OIL AND GAS		DATE 30-MAY-15		F.R. # 10011156555		SERV. SUPV. FELIPE LANDA	
LEASE & WELL NAME WAAG #8 - API 05123403570000		LOCATION 19-7N-65W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG #		TYPE OF JOB Surface			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD
Cement Plug, Rubber, Top 9-5/8 in		Centralizer, with Pins, 9-5/8 in					
		Float Collar, Auto Fill, 9-5/8 - 8rd					
		Float Shoe 9-5/8 - 8rd					
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES			
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT3	WATER GPS
Fresh Water + Dye					8.34		
Surface Cement				390	14.5	1.41	6.82
Fresh Water					8.34		
Available Mix Water 200 Bbl.		Available Displ. Fluid 200 Bbl.		TOTAL		183.9	63.48
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD
13.5	20	895	8.921	9.625	36	CSG	895
				TVD	GRADE	SHOE	FLOAT
						895	853
				STAGE	0		
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
ID	OD	WGT	TYPE	MD	TVD	SIZE	THREAD
						9.625	8RD
		BRAND & TYPE		DEPTH	TOP	BTM	WELL FLUID
		NO PACKER		0			WATER BASED
				WGT.	8.5		
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
66	BBLS	Fresh Water	8.34	273	0	0	0
				Operator	MAX CSG PSI	RATED	Operator
						3520	2816
				MIX WATER			
				TANK			
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1			
Mud Density In: 8.5 LBS/GAL				Mud Density Out: 8.5 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"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: 1 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"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE							
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 6		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:			
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 8.34 LBS/GAL Mud		Time Held: 00 Hours 20 Minutes	
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE							
PRESSURE/RATE DETAIL				EXPLANATION			

CEMENT JOB REPORT



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	3583 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
11:18	0	0	0	0	NA	ARRIVE ON LOCATION (rig running casing)	
12:00	0	0	0	0	NA	BHI STANDING BY	
16:00	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP SAFETY MEETING	
16:41	0	0	0	0	NA	PRE JOB SAFETY MEETING	
16:50	0	0	.8	1	H2O	LOAD LINES	
16:53	3583	0	0	0	H2O	PRESSURE TEST	
16:56	124	0	4.9	10	H2O	FRESH WATER	
16:59	129	0	4.9	10	H2O	FRESH WATER + DYE	
17:05	134	0	3.6	97	CEMENT	390 SACKS OF TYPE III + 0.08 lbs/sack STATIC FREE + 1.5% CALCIUM CHLORIDE + 0.15 lbs/sack + CELLO FLAKE @ 14.5 PPG	
17:40	0	0	0	0	NA	DROP PLUG	
17:41	250	0	4.8	40	H2O	DISPLACE	
17:50	425	0	3.6	26	H2O	RATE CHANGE	
17:57	851	0	3.6	0	H2O	BUMP PLUG @ 66 BBLs (10 bbls cement to surface)	
16:00	0	0	0	0	H2O	CHECK FLOATS	
16:05	0	0	0	0	NA	POST JOB 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 checked="" type="checkbox"/> Y <input type="checkbox"/> N	851	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	10	183	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	