

CEMENT JOB REPORT



CUSTOMER EXTRACTION OIL AND GAS		DATE 02-JUN-15	F.R. # 10011158074		SERV. SUPV. Daniel F Kuenz		
LEASE & WELL NAME WAAG #21 - API 05123403500000		LOCATION 19-7N-65W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # White Mountain R272		TYPE OF JOB Surface			
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD TVD	
9-5/8" Top Cem Plug, Nitrile cvr, Phe	Float Collar, Pop Valve, 9-5/8 - 8rd						
	Guide Shoe, Cement Nose, 9-5/8 i						
	Stop Collar, 9-5/8 in						
	Centralizer, with Pins, 9-5/8 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 + Dye					8.34		
III+.08%St+1.5%CaCl+.15#skCF+.01gpsFP6L				390	14.5	1.41	
Fresh Water					8.34		
Available Mix Water 100 Bbl.		Available Displ. Fluid 100 Bbl.		TOTAL		171.4 63.48	
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD TVD GRADE
13.5	20	867	8.921	9.625	36	CSG	865 865 J-55
							SHOE FLOAT STAGE
							865 821 1
LAST CASING			PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN WELL FLUID
ID	OD	WGT	TYPE	MD TVD	BRAND & TYPE DEPTH		SIZE THREAD TYPE WGT.
					No Packer 0		9.625 8RND FRESH WATER 8.4
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI MAX CSG PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED Operator RATED Operator
63.5	BBLS	Fresh Water	8.34	269	0	0	0 0 3520 2816
MIX WATER Rig Tanks							
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: .25		Circulation Rate: 4 BPM	
Mud Density In: 8.4 LBS/GAL Mud Density Out: 8.4 LBS/GAL				PV & YP Mud In: 9		PV & YP Mud Out: 9	
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: .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 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"/> RECIPROCATON <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE							
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 9		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: 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: FT Bottom of Plug: 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:		Fluid Weight: LBS/GAL	
Casing Test (Update Original Treatment Report for Primary Job)							
Casing Test Pressure: PSI With LBS/GAL Mud				Time Held: Hours Minutes			
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: Rig just getting ready to run casing when we arrived on location.							

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Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: FT Target EMW: LBS/GAL Actual EMW: LBS/GAL
 Number of Times Tests Conducted: Mud Weight When Test was Conducted: 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	4769 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
19:30						YARD CALL	
20:00						PRE-JOB CONVOY SAFETY MEETING	
20:15						DEPART BHI YARD	
21:15						ARRIVE ON LOCATION	
21:20						SAFETY WALK AROUND ON LOCATION	
21:25						PRE-RIG UP SAFETY MEETING	
21:30						SPOT CEMENT EQUIPMENT ON LOCATION	
21:30						RIG STARTED RUNNING CASING	
22:00						ALL EO'S OFF DUTY WELLSITE, RIG RUNNING CASING	
22:30						CHECK IN WITH COMPANY MAN	
22:53	96	0	4	65	H2O	CASING LANDED, RIG CIRCULATING	
23:00						ALL EO'S BACK ON DUTY	
23:05						STAB CEMENT HEAD, MAKE UP TOP CONNECTION	
23:15						PRE-JOB SAFETY MEETING	
23:22	9	0	1.2	2	H2O	LOAD LINES, FRESH WATER	
23:24	4769	0	0	0	H2O	PRESSURE TEST HARD LINES	
23:30	136	0	4.9	10	H2O	FRESH WATER w/ DYE SPACER	
23:33	0	0	0	0	CEMENT	BATCH UP CEMENT SLURRY 14.5#	
23:39	169	0	4.1	50	CEMENT	390sks TYPE III @ 14.5# CEMENT SLURRY	
23:58	169	0	4.1	47.9	CEMENT	390sks TYPE III @ 14.5# CEMENT SLURRY	
00:10	0	0	0	0	CEMENT	SHUT DOWN, DROP TOP PLUG	
00:15	96	0	4.1	30	H2O	FRESH WATER DISPLACEMENT	
00:23	169	0	4.1	30	H2O	FRESH WATER DISPLACEMENT	
00:31	349	0	2.1		H2O	SLOW RATE, FRESH WATER DISPLACEMENT	
00:36	996	0	0	0	H2O	BUMP PLUG 500 psi OVER FINAL LIFT PRESSURE	
00:38	989	0	0	0	H2O	TEST FLOATS, BLEED OFF PRESSURE	
00:39	0	0	0	0	H2O	FLOATS HELD, 1/4 bbls FLOWED BACK	
00:40						SHUT DOWN, TURNED WELL BACK OVER TO RIG	
00:42						POST-JOB SAFETY MEETING, RIG DOWN	
00:46						WASH OUT RIG'S CELLAR PUMPS	
						16 bbls OF CEMENT BACK TO SURFACE	
						TOP OF CEMENT SLURRY @ SURFACE	
						THANK YOU FOR YOUR SAFE WORK, GOOD COMMUNICATION & COOPERATION !!!!! DANIEL & THE CREW	
01:00						ALL EO'S OFF DUTY WELLSITE, WAITING ON RIG TO DRILL NEXT SURFACE	

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	PIPE	ANNULUS				TEST LINES	4769 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
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	996	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	16	171.4	0	Y <input checked="" type="checkbox"/> N	