

CEMENT JOB REPORT



CUSTOMER EXTRACTION OIL AND GAS		DATE 19-AUG-15	F.R. # 1001172230		SERV. SUPV. VITALIJS A NEVERDASOVŠ									
LEASE & WELL NAME WAAG #18 - API 05123403540000		LOCATION 19-7N-65W		COUNTY-PARISH-BLOCK Weld Colorado										
DISTRICT Brighton		DRILLING CONTRACTOR RIG #		TYPE OF JOB Intermediate										
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD TVD HANGER TYPES MD TVD								
Cement Plug, Rubber, Top 7 in		Float Collar, Al Flap, 7 - 8rd		NONE		0 0 NONE 0 0								
		Float Shoe 7 - 8rd												
		Centralizer, with Pins, 7 in												
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES										
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³								
Fresh Water		N/A		0	8.34	0								
Lead Slurry		C08-050-15		480	12.7	1.86								
MUD		N/A		0	10	0								
UltraFlush II		N/A		0	11.5	0								
Tail Slurry		C08-050-15		345	13.8	1.47								
Available Mix Water <u>800</u> Bbl.		Available Displ. Fluid <u>400</u> Bbl.		TOTAL		<u>578.44</u> <u>170.55</u>								
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS								
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.75	25	7590	6.276	7	26	CSG	7574	7180	P-110	7574	7532	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	886	886	NO PACKER		0	0	0	7	8RND	WATER BASED	10
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			
285	BBLS	MUD		10	1061	0	0	0	0	7968	3000	UPRIGHT		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 5 BPM						
Mud Density In: 10 LBS/GAL				Mud Density Out: 10 LBS/GAL				PV & YP Mud In: 18		PV & YP Mud Out: 18				
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"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 40				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						
Casing Test (Update Original Treatment Report for Primary Job)														
Casing Test Pressure: 2490 PSI With 8.4 LBS/GAL Mud Time Held: 00 Hours 10 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)
PRODUCT TREE ON CEMENT PUMP HAD CHUNKS OF DRY CEMENT. HAD POOR PRODUCT DELIVERY AT THE BEGINNING

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	4347 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
02:45	0	0	0	0	N/A	YARD CALL	
04:59	0	0	0	0	N/A	LEAVE DISTRICT	
06:01	0	0	0	0	N/A	ARRIVE ON LOCATION, 42 MILES/ RIG IS WAITING ON CEMENT CREW/ CUSTOMER REQUESTED CREW @ 03:30/ CREW COULD NOT CLOCK IN TO WORK TILL 2:45 AM	
06:23	0	0	0	0	N/A	SPOT TRUCKS	
06:31	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
07:18	0	0	0	0	N/A	PRE JOB SAFETY MEETING	
08:05	128	0	1.5	1	H2O	LOAD LINE	
08:10	4347	0	.4	.1	H2O	PRESSURE TEST	
08:13	411	0	4.8	20	H2O	FRESH WATER SPACER	
08:23	218	0	3	19	H2O	ULTRA FLUSH SPACER @ 11.5 PPG	
08:36	489	0	5.2	157	CMT	BATCHWEIGH/PUMP 480 SX OF LEAD CEMENT @ 12.7 PPG	
09:33	107	0	3	89	CMT	PUMP 345 SX OF TAIL @ 13.8 PPG	
10:06	0	0	0	0	N/A	SHUT DOWN/ DROP PLUG	
10:13	1398	0	7.2	220	MUD	DISPLACEMENT	
10:48	1364	0	5	35	MUD	SLOW RATE	
10:54	1507	0	2.5	30	MUD	SLOW RATE	
11:07	2481	0	0	0	N/A	BUMP PLUG	
11:17	0	0	0	0	N/A	CHECK FLOATS/ FLOATS HELD	
11:23	0	0	0	0	N/A	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	1507	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1	572	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	