

05-09-99-11



CEMENT JOB REPORT

CUSTOMER Black Hills Gas Resources		DATE 30-JUL-08	F.R. # 1001349669	SERV. SUPV. JOSHUA D TOWNS								
LEASE & WELL NAME Winter Flats 1-11-99		LOCATION		COUNTY-PARISH-BLOCK Mesa Colorado								
DISTRICT Grand Junction		DRILLING CONTRACTOR RIG # Workover		TYPE OF JOB Plug & Abandon								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES								
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER				
MATERIALS FURNISHED BY BJ												
Class G+.04lb. Static Free		100	15.8	1.15	5.00		20.45	11.90				
Available Mix Water <u>70</u> Bbl.		Available Displ. Fluid <u>70</u> Bbl.		TOTAL			20.45	11.90				
HOLE			TBG-CSG-D.P.			COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE		
7.895	0	7000	7	26	CSG	3300						
LAST CASING		PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID			
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.	
				Ball Check Cement Retainer, 2 3				2.875	PIPE			
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		
12	BBLS			0	0	0	7700	6260	10690	8552	Tanker	
Circulation Prior to Job												
Circulated Well: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>			Circulation Time: .05			Circulation Rate: 2 BPM						
Mud Density In: 8.34 LBS/G			Mud Density Out: 8.34 LBS/GAL			PV & YP Mud In:			PV & YP Mud Out:			
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: BBLS									
Returns During Job: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> PARTIAL <input 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"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE												
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Quantity:			Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID						
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD												
Plugs												
Number of Attempts by BJ: 1			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: 3050 FT			Bottom of Plug: 3500 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						
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)												
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)												



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Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

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	5000 PSI	
						CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input checked="" type="checkbox"/>		
15:00						On Loc		
17:06	30	0	3.4	1.5	WATER	Load Lines		
17:07	5000	0	1	1	WATER	Pressure Test		
17:08	634	0	2	10	WATER	Spacer		
17:20						Batch Cement		
17:25	1081	0	1.66	20.5	CEMENT	Start Cement		
17:38	1040	0	2	10	WATER	Displacement		
17:42						Sting Out		
17:43	0	0	1.6	1.75	WATER	Displacement		
17:57	685	0	4	48	WATER	Reverse out		
18:30						Rigdown/End Job		
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:	
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	.5	100	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		