

CEMENT JOB REPORT



CUSTOMER Kerr-McGee Rocky Mountain Cc		DATE 11-NOV-03		F.R. # 225123904		SERV. SUPV. Allen Miller							
LEASE & WELL NAME PSC 16-34 - API 05123216400000		LOCATION Sec.34-T4N-R67W		COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Workover		TYPE OF JOB Long String									
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD TVD HANGER TYPES MD TVD							
N/A													
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES									
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER			
Claytreat Water					8.34					20			
13.5 ppg Liquid Stone				87	13.5	1.92	9.15	04:00	29.79	18.94			
10.5 ppg Liquid Stone				79	10.5	4.26	26.99	04:00	60.00	50.77			
13.5 ppg Liquid Stone				87	13.5	1.92	9.15	03:30	29.79	18.94			
Claytreat Water					8.34					2			
Available Mix Water 88.65 Bbl.		Available Displ. Fluid 160 Bbl.		TOTAL		141.57		88.66					
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
7.875	0	7306	.824	1.05	1.14	TBG	2100	7290	G-105				
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.
4	4.5	11.6	CSG	7306	500	NO PACKER	0	0	0	1.25	8RD	KCL WATER	8.9
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			
8.6	BBLS	Claytreat Water	8.34	0	0	0	10000	5000	0	0	TANK		
Circulation Prior to Job													
Circulated Well: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>						Circulation Time:			Circulation Rate: BPM				
Mud Density In: LBS/GAL						Mud Density Out: 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 type="checkbox"/>						Amount Bled Back After Job: BBLS							
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FULL						Method Used to Verify Returns:							
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:						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:													
PRESSURE/RATE DETAIL						EXPLANATION							

CEMENT JOB REPORT



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)

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

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 7000 PSI		
						CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input checked="" type="checkbox"/>		
10:20	0	0	0	0	-----	ARRIVED LOCATION		
14:00	0	0	0	0	-----	HELD SAFETY MEETING		
14:10	7000	0	0	0	H2O	TEST LINES		
14:12	4300	0	1.5	10	H2O	WATER SPACER		
14:18	4300	0	1.45	30	CMT.	PUMP 1ST. STAGE L.S.S. @ 13.6PPG		
14:45	2900	0	1.5	60	CMT.	PUMP SPACER L.S.S. @ 10.5 PPG		
15:28	3500	0	1.38	30	CMT.	PUMP 2ND STAGE L.S.S. @ 13.5 PPG		
15:52	3300	0	1.38	2	H2O	DISP.		

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 checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	0	122	0	Y <input checked="" type="checkbox"/> N	