



CEMENT JOB REPORT

CUSTOMER Kerr-McGee Rocky Mountain C			DATE 05-JAN-02		F.R. # 225119373		SERV. SUPV. Jesse M Silva			
LEASE & WELL NAME HSR-CAMP 7-24A - API 05123190790000			LOCATION SEC 24 - 3 N - 67 W				COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton			DRILLING CONTRACTOR RIG # KEY 78				TYPE OF JOB Liner			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES						
Latch Down Plug & Assembly, 2-7/8		Float Shoe 2-7/8 - 8rd		SACKS OF	SLURRY V	SLURRY 3	WATER GPS	PUMP TIME	Bbl SLURRY	Bbl MIX
MATERIALS FURNISHED BY BJ										
2.0% KCL Water					8.33				10	
Mud Removal					8.34				6	
Liquid Stone slurry				14	15.6	1.61	6.69	07 14	4	2.22
Water					8.33				21.2	
Available Mix Water 0 Bbl. Available Displ. Fluid 50 Bbl							TOTAL		41.2	2.22
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
3.875		8304	2.375	4.7	TBG	7818		8302	8271	0
			2.875	6.5	LNR	8302				
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
4.5	11.6	CSG	7887	Liner Hanger	7818	0	0	2.375	8RD	WATER BASED MUD
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
21.2	BBLS	Water	8.33	3130	1120	0	6000	4000	0	0
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:										
PRESSURE/RATE DETAIL						EXPLANATION				
TIME HR:MIN.	PRESSURE - PSI		RATE	Bbl. FLUID	FLUID	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>				
	PIPE	ANNULUS				TEST LINES 5000 PSI				
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				
02 05	5000	0	0	0	WATER	PRESSURE TEST				
02 07	640	0	1.5	10	KCL	PUMP KCL PRE-FLUSH				
02 15	560	0	1.5	6	SAPP	PUMP SAPP PRE-FLUSH				
02 21	619	0	1.5	4	CEMENT	PUMP LIQUID STONE SLURRY				
02 28	400	0	4	10	WATER	WASH PUMP AND LINE/DROP PLUG				
02 35	1150	0	1.5	21.2	KCL	DISPLACE CEMENT				
02 48	3550	0	0	0	N/A	PLUG DOWN				
BUMPED	PSI TO BUMP	TEST FLOAT	BBL.CMT RETURNS/	TOTAL BBL. PUMP	PSI LEFT ON	SPOT TOP OUT	SERV. SUPV.			
<input checked="" type="checkbox"/> Y	N 3550	<input checked="" type="checkbox"/> Y N	1.5	41.2	0	Y	<input checked="" type="checkbox"/> N			

BJ Services Company



CUSTOMER (COMPANY NAME) Kerr-McGee Rocky Mountain Corp				CREDIT APPROVAL NO. REQ		PURCHASE ORDER NO.		CUSTOMER NUMBER 20047992 - 00203873		INVOICE NUMBER		
MAIL INVOICE TO		STREET OR BOX NUMBER 3939 Carson Ave				CITY Evans		STATE Colorado		ZIP CODE 80620		
DATE WORK COMPLETED	MO. 01	DAY 05	YEAR 2002	BJ SERVICES SUPERVISOR Jesse M Silva			WELL TYPE : Old Well					
BJ SERVICES DISTRICT Brighton				JOB DEPTH(ft) 8,302			WELL CLASS : Gas					
WELL NAME AND NUMBER HSR-CAMP 7-24A				TD WELL DEPTH(ft) 8,302			GAS USED ON JOB : No Gas					
WELL LOCATION :		LEGAL DESCRIPTION SEC 24 - 3 N - 67 W		COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Liner				
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	PERCENT DISC.	NET AMOUNT		
100021	Class G Cement				sacks	14	15.030	210.42	0%	210.42		
100121	Silica Flour				lbs	197	0.310	61.07	0%	61.07		
100266	Silica Sand, 100 mesh, Sacked				lbs	263	0.330	86.79	0%	86.79		
100291	CD-31L				gals	1.12	26.500	29.68	0%	29.68		
398108	Mud Clean II				gals	252	0.930	234.36	0%	234.36		
398189	Liquid Stone Conversion Charge				cu ft	14	6.400	89.60	0%	89.60		
499768	FL-63L				gals	2.1	95.000	199.50	0%	199.50		
SUB-TOTAL FOR Product Material								911.42	0%	911.42		
A152	Employee Incentive Bonus - Cement Svc				ea	1	100.000	100.00	0%	100.00		
K984	Lab Test, Rheology				ea	1	172.500	172.50	0%	172.50		
M100	Bulk Materials Service Charge				cu ft	20	2.330	46.60	0%	46.60		
SUB-TOTAL FOR Service Charges								319.10	0%	319.10		
ARRIVE LOCATION :					MO. 01			DAY 05	YEAR 2002	TIME 12:50	SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.	
CUSTOMER REP. Mr. Louis Camp					SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS			SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER				
								CUSTOMER AUTHORIZED AGENT				
								BJ SERVICES APPROVED				
								CUSTOMER AUTHORIZED AGENT				

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المجلة الدولية للدراسات القانونية ٢٠١٢، ١٤ (١)، ١٢٢-١٢٣