

CEMENT JOB REPORT



CUSTOMER Kerr McGee Corp			DATE 05-NOV-10		F.R. # 1001715133		SERV. SUPV. BARLEN M JOYNER		
LEASE & WELL NAME NRC #11-9 - API 05123313560000			LOCATION SEC 9 - 1 N - 67 W			COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton			DRILLING CONTRACTOR RIG # RIG 302			TYPE OF JOB Squeeze-Top			

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
MATERIALS FURNISHED BY BJ								
50:50 (POZ:G) + Additives		50	13.5	1.71	8.30	03:00	15.25	9.88
Fresh Water		0	8.34	0	0	00:00	27	
Fresh Water		0	8.34	0	0	00:00	10	
Mud Clean I		0	8.34	0	0	00:00	10	
Available Mix Water 100 Bbl. Available Displ. Fluid 70 Bbl.							TOTAL	62.25 9.88

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
0	0	0	4.5	11.6	CSG	7830				0

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	WGT.
6.625	24	CSG	900	CEMENT RETAINER	7396	7376	7550	2.375	8RD	WATER BASED MU 8.4

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	
27	BBLS	Fresh Water	8.34	0	314	2000	8960	2000	6224	2000	RIG TANK

Circulation Prior to Job

Circulated Well: Rig ☒ BJ ☐ Circulation Time: 0 Circulation Rate: 0 BPM

Mud Density In: 8.4 LBS/GAL Mud Density Out: 8.4 LBS/GAL PV & YP Mud In: 0 PV & YP Mud Out: 0

Gas Present: NO ☒ YES ☐ Units: Solids Present at End of Circulation: NO ☒ YES ☐

Displacement And Mud Removal

Displaced By: Rig ☐ BJ ☒ Amount Bled Back After Job: .25 BBLS

Returns During Job: ☐ NONE ☐ PARTIAL ☒ FULL Method Used to Verify Returns: VISUAL

Cement Returns at Surface: ☐ YES ☒ NO Were Returns Planned at Surface: ☒ NO ☐ YES

Pipe Movement: ☐ ROTATION ☐ RECIPROCATION ☐ NONE ☐ UNABLE DUE TO STUCK PIPE

Centralizers: ☐ NO ☒ YES Quantity: 0 Type: ☐ BOW ☐ RIGID

Job Pumped Through: ☐ CHOKE MANIFOLD ☐ SQUEEZE MANIFOLD ☐ MANIFOLD ☐ NO MANIFOLD

Plugs

Number of Attempts by BJ: 0 Competition: 0 Wiper Balls Used: ☒ NO ☐ YES Quantity:

Plug Catcher Used: ☒ NO ☐ YES Parabow Used: ☒ NO ☐ YES

Was There a Bottom: ☒ NO ☐ YES Top of Plug: 0 FT Bottom of Plug: 0 FT

Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE ☐ SHOE SQUEEZE ☐ TOP OF LINER SQUEEZE ☐ PLANNED ☒ UNPLANNED ☐

Liner Packer: ☒ NO ☐ YES Bond Log: ☒ NO ☐ YES PSI Applied: 0 Fluid Weight: 8.34 LBS/GAL

Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: 0 PSI With 0 LBS/GAL Mud Time Held: 00 Hours 00 Minutes

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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE

CEMENT JOB REPORT



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	3686 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
12:29	0	0	0	0	N/A	PRE-RIG UP MEETING	
14:05	0	0	0	0	N/A	SAFETY MEETING	
14:23	3686	0	0	0	WATER	PRESSURE TEST	
14:25	450	0	2	10	WATER	FRESH WATER	
14:30	476	0	2	10	WATER	MUD CLEAN I	
14:36	385	0	2.1	13	CMT	BATCH UP AND PUMP 50 SX OF POZ G + 0.4% FL-52 + 3% BENTONITE + 0.1% SMS + 20% SF + 82.4% FRESH WATER @ 13.5 PPG	
14:42	144	0	2	27	WATER	DISPLACEMENT	
14:58	0	0	0	0	N/A	SWITCH OVER TO LET RIG REVERSE OUT	
15:06	0	0	0	0	N/A	STOP SERVICE	
15:06	0	0	0	0	N/A	PRE-RIG DOWN 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:
Y <input checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	2	60	0	Y <input checked="" type="checkbox"/> N	

BJ Services Company



FIELD RECEIPT NO. 1001715133

CUSTOMER Kerr McGee Corp				CREDIT APPROVAL NO. A10011293798		PURCHASE ORDER NO.		CUSTOMER NUMBER 20047992 - 00250344		INVOICE NUMBER	
MAIL INVOICE TO : STREET OR BOX NUMBER P.O. BOX 4995				CITY THE WOODLAND		STATE Texas		ZIP CODE 77387-4995			
DATE WORK COMPLETED 11 05 2010		BJ SERVICES REPRESENTATIVE BARLEN M JOYNER		WELL API NO: 05123313560000		WELL TYPE : New Well					
BJ SERVICES DISTRICT Brighton				JOB DEPTH (ft) 7,398		WELL CLASS : Gas					
WELL NAME AND NUMBER NRC #11-9				TD WELL DEPTH (ft) 7,830		GAS USED ON JOB : No Gas					
WELL LOCATION : SEC 9 - 1 N - 67 W		LEGAL DESCRIPTION Weid		COUNTY/PARISH Weid		STATE Colorado		JOB TYPE CODE : Squeeze-Top			
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
100021	Class G Cement			sacks	25	24.450	611.25	45%	336.19		
100120	Bentonite			lbs	126	0.420	52.92	45%	29.11		
100121	Silica Flour			lbs	840	0.450	378.00	45%	207.90		
100275	Sodium Metasilicate			lbs	5	3.320	16.60	45%	9.13		
100317	Poz (Fly Ash)			sacks	25	10.850	271.25	45%	149.19		
398110	Mud Clean I			gals	420	1.360	571.20	45%	314.16		
488015	FL-52			lbs	17	21.800	370.60	45%	203.83		
488019	FP-6L			gals	1	84.750	84.75	45%	46.61		
499632	Granulated Sugar			lbs	50	2.980	149.00	45%	81.95		
SUB-TOTAL FOR Product Material							2,505.57	45.00%	1,378.07		
A152	Personnel Surcharge - Cement Svc			ea	1	145.500	145.50	0%	145.50		
M100	Bulk Materials Service Charge			cu ft	68	3.410	231.88	45%	127.53		
SUB-TOTAL FOR Service Charges							377.38	27.65%	273.03		
ARRIVE LOCATION : 11 05 2010 12:11		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.				SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.					
CUSTOMER REP. Dave Donoho		SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT X					
						BJ SERVICES APPROVED X					
		CUSTOMER AUTHORIZED AGENT									

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PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
F067A	Cement Pumping, 7001 - 8000 ft	6hrs	1	8,575.000	8,575.00	45%	4,716.25
J225	Data Acquisition, Cement, Standard	job	1	1,335.000	1,335.00	45%	734.25
J390	Mileage, Heavy Vehicle	miles	18	7.400	133.20	45%	73.26
J391	Mileage, Auto, Pick-Up or Treating Van	miles	18	4.200	75.60	45%	41.58
R924	Squeeze Manifold-Daily	day	1	152.500	152.50	45%	83.88
	SUB-TOTAL FOR Equipment				10,271.30	45.00%	5,649.22
J403	Bulk Delivery, Minimum Charge	job	1	231.500	231.50	45%	127.33
	SUB-TOTAL FOR Freight/Delivery Charges				231.50	45.00%	127.33
	FIELD ESTIMATE				13,385.75	44.51%	7,427.65

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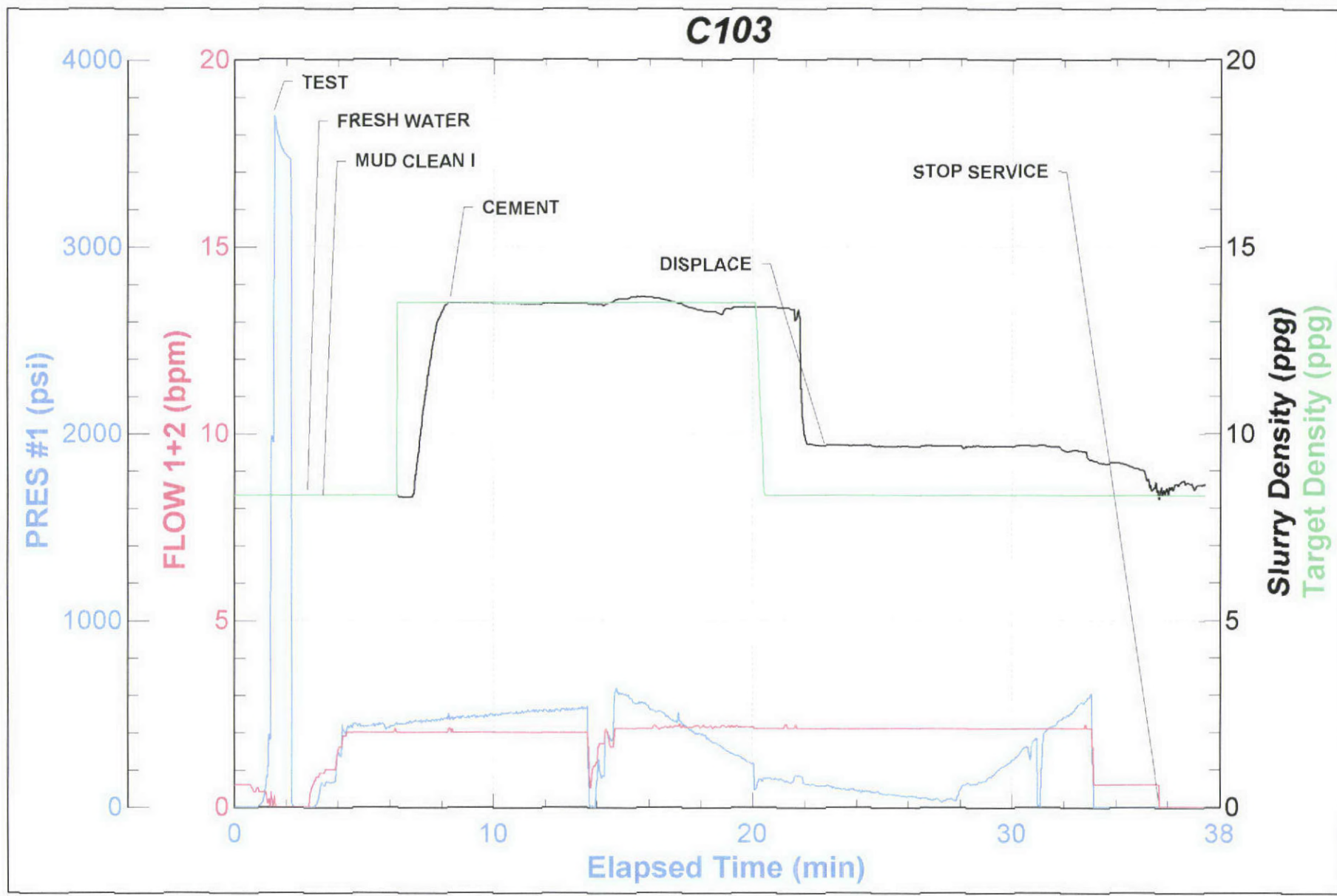


BJ Services JobMaster Program Version 3.50

Job Number: 1001715133

Customer: KERR MCGEE

Well Name: NRC 11-9



Exploration, Drilling & Production > Well > Completion/Recompletion

**I0001433159**

Sender Name: Jean Kramer
Date Created: 11/19/2010
Barcode Expires: **12/19/2010**
Department: Well File Images
Security: Well Files

COLOR DOCUMENT

Attribute	Value
Description	"Cement Squeeze"
Document Date	11/05/2010
UWI	051233135600
API Regulatory ID	05123313560000
Country	UNITED STATES
County/Area	WELD
Current Well Name	NRC 11-9
Data Source	PI
Field Name	SPINDLE
Location Type	LEGAL_CONGRESS_LOC
Region	NORTH AMERICA
Situation	ONSHORE
State	COLORADO
Sub-Region	UNITED STATES
Surface Location General Desc	UNITED STATES/COLORADO/WELD
Surface Location Legal Desc	1/N-67/W-9 6TH PRINCIPAL MRDN
Well Name	NRC 11-9
Well Number ID	E1396

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