

# CEMENT JOB REPORT



<b>CUSTOMER</b> Kerr McGee Corp		<b>DATE</b> 04-FEB-11		<b>F.R. #</b> 1001752739		<b>SERV. SUPV.</b> CHRISTOPHER M MCKEON				
<b>LEASE &amp; WELL NAME</b> VARRA #37-32 - API 05123309350000		<b>LOCATION</b> Sec.32 - T3N - R67W				<b>COUNTY-PARISH-BLOCK</b> Weld Colorado				
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> XTREME 11				<b>TYPE OF JOB</b> Long String				
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>PHYSICAL SLURRY PROPERTIES</b>						
Latch Down Plug & Assembly, 4-1/2		Cement Basket, Slip On, 4-1/2 in		<b>SACKS OF CEMENT</b>	<b>SLURRY WGT PPG</b>	<b>SLURRY YLD FT<sup>3</sup></b>	<b>WATER GPS</b>	<b>PUMP TIME HR:MIN</b>	<b>Bbl SLURRY</b>	<b>Bbl MIX WATER</b>
		Centralizer, with Pins, 4-1/2 in								
<b>MATERIALS FURNISHED BY BJ</b>										
50:50 (POZ:G) + Additives				228	13.5	1.71	8.30	03:00	69.43	44.98
Fresh Water				0	8.34	0	0	00:00	124.50	
Premium Lite + Additives				775	12.5	1.89	10.37	03:00	260.87	191.60
Fresh Water				0	8.34	0	0	00:00	20	
Mud Clean I				0	8.34	0	0	00:00	20	
Freshwater				0	8.34	0	0	00:00	20	
Available Mix Water 400 Bbl. Available Displ. Fluid 400 Bbl.				<b>TOTAL</b>				514.80	236.59	
<b>HOLE</b>			<b>TBG-CSG-D.P.</b>				<b>COLLAR DEPTHS</b>			
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>SIZE</b>	<b>WGT.</b>	<b>TYPE</b>	<b>DEPTH</b>	<b>GRADE</b>	<b>SHOE</b>	<b>FLOAT</b>	<b>STAGE</b>
7.875	0	8050	4.5	11.6	CSG	8050	N-80	8010	7977	0
<b>LAST CASING</b>			<b>PKR-CMT RET-BR PL-LINER</b>			<b>PERF. DEPTH</b>		<b>TOP CONN</b>		<b>WELL FLUID</b>
<b>SIZE</b>	<b>WGT</b>	<b>TYPE</b>	<b>DEPTH</b>	<b>BRAND &amp; TYPE</b>		<b>DEPTH</b>	<b>TOP</b>	<b>BTM</b>	<b>SIZE</b>	<b>THREAD</b>
8.625	24	CSG	767	No packer		0	0	0	4.5	8RD
										<b>TYPE</b>
										WATER BASED ML
										<b>WGT.</b>
										9.2
<b>DISPL. VOLUME</b>		<b>DISPL. FLUID</b>		<b>CAL. PSI</b>	<b>CAL. MAX PSI</b>	<b>OP. MAX</b>	<b>MAX TBG PSI</b>		<b>MAX CSG PSI</b>	
<b>VOLUME</b>	<b>UOM</b>	<b>TYPE</b>	<b>WGT.</b>	<b>BUMP PLUG</b>	<b>TO REV.</b>	<b>SQ. PSI</b>	<b>RATED</b>	<b>Operator</b>	<b>RATED</b>	<b>Operator</b>
124.5	BBLS	Fresh Water	8.34	0	0	0	0	0	6224	3000
										<b>MIX WATER</b>
										Rig Tank
<b>Circulation Prior to Job</b>										
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 2		Circulation Rate: 5 BPM				
Mud Density In: 9.2 LBS/GAL Mud Density Out: 9.2 LBS/GAL				PV & YP Mud In: 34		PV & YP Mud Out: 34				
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> Units: 0				Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>						
<b>Displacement And Mud Removal</b>										
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: 1.3 BBLS						
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL				Method Used to Verify Returns: Eye						
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"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE										
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 48		Type: <input checked="" 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 checked="" type="checkbox"/> NO MANIFOLD										
<b>Plugs</b>										
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		
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>										
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		
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>										
Casing Test Pressure: 0 PSI				With 0 LBS/GAL Mud		Time Held: 00 Hours 00 Minutes				
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None										
<b>PRESSURE/RATE DETAIL</b>						<b>EXPLANATION</b>				



# CEMENT JOB REPORT



## 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)  
 NA

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)  
 NA

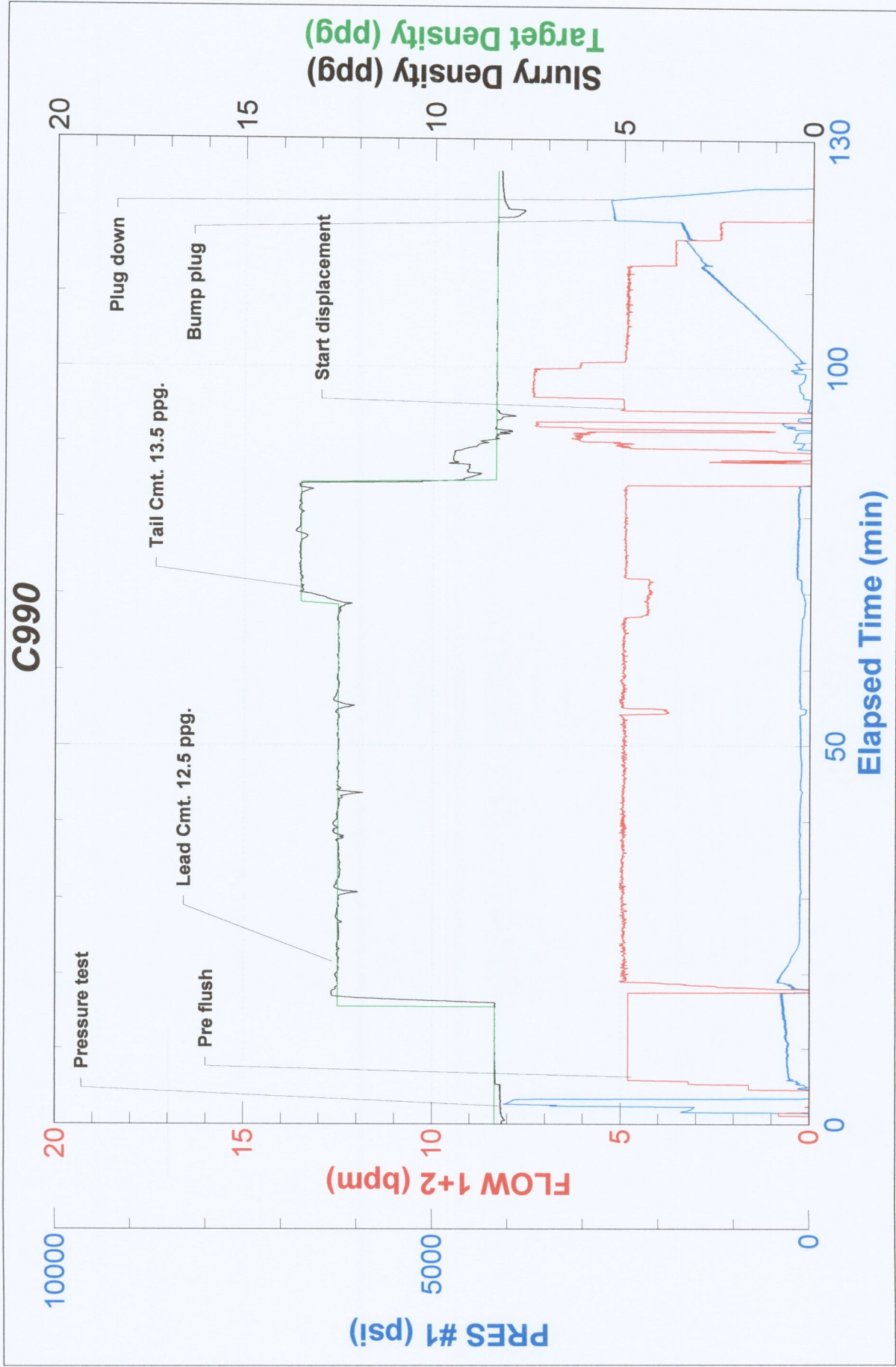
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)  
 NA

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 4040 PSI									
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>									
08:30	0	0	0	0	NA	Pre rig up safety meeting									
10:30	0	0	0	0	NA	Pre job safety meeting									
11:04	1717	0	0	0	H2O	Low pressure test C990 pumps and line									
11:06	4040	0	0	0	H2O	High pressure test C990 pumps and line									
11:08	267	0	4.8	20	H2O	Fresh water spacer									
11:12	314	0	4.8	20	H2O	Mud clean 1									
11:17	334	0	4.8	20	H2O	Fresh water spacer									
11:21	127	0	5	253	CMT	Batch up and pump 775 sx. PLC + 0.1% R-3 + 0.4% FL-52 + 3% Bentonite @ 12.5 ppg.									
12:13	173	0	5	71	CMT	Batch up and pump 228 sx. (50:50) Poz:G + 0.4% FL-52 + 3% Bentonite + 0.1% SM + 20% S-8 @ 13.5 ppg.									
12:29	0	0	0	0	NA	Drop plug/ wash up									
12:39	267	0	7.4	40	H2O	Start displacement									
12:44	1443	0	5	65	H2O	Rate change									
12:57	1702	0	3.8	13	H2O	Rate change									
13:00	1785	0	2.6	6.5	H2O	Bump plug									
13:05	2669	0	0	0	H2O	Plug down									
13:06	0	0	0	0	NA	Rig down safety meeting									
BUMPED PLUG <div><input checked="" type="checkbox"/> Y <input type="checkbox"/> N</div>		PSI TO BUMP PLUG 1785		TEST FLOAT EQUIP. <div><input checked="" type="checkbox"/> Y <input type="checkbox"/> N</div>		BBL.CMT RETURNS/ REVERSED 0		TOTAL BBL. PUMPED 508.5		PSI LEFT ON CSG 0		SPOT TOP OUT CEMENT <div><input checked="" type="checkbox"/> Y <input type="checkbox"/> N</div>		Service Supervisor Signature: <div>Chutay m. mcf</div>	

X *Tom Bower*



BJ Services JobMaster Program Version 3.50  
Job Number: 1001752739  
Customer: Kerr McGee  
Well Name: Varra 37-32





FIELD RECEIPT NO. 1001752739

## BJ Services Company



<b>CUSTOMER</b> Kerr McGee Corp				<b>CREDIT APPROVAL NO.</b> A10011316399		<b>PURCHASE ORDER NO.</b>		<b>CUSTOMER NUMBER</b> 20047992 - 00250344		<b>INVOICE NUMBER</b>	
<b>MAIL INVOICE TO</b> STREET OR BOX NUMBER P.O. BOX 4995				<b>CITY</b> THE WOODLAND		<b>STATE</b> Texas		<b>ZIP CODE</b> 77387-4995			
<b>DATE WORK COMPLETED</b> MO. 02 DAY 04 YEAR 2011		<b>BJ SERVICES REPRESENTATIVE</b> CHRISTOPHER M MCKEON		<b>WELL API NO:</b> 05123309350000		<b>WELL TYPE :</b> New Well					
<b>BJ SERVICES DISTRICT</b> Brighton				<b>JOB DEPTH (ft)</b> 8,010		<b>WELL CLASS :</b> Gas					
<b>WELL NAME AND NUMBER</b> VARRA #37-32				<b>TD WELL DEPTH (ft)</b> 8,020		<b>GAS USED ON JOB :</b> No Gas					
<b>WELL LOCATION :</b> Sec.32 - T3N - R67W		<b>COUNTY/PARISH</b> Weld		<b>STATE</b> Colorado		<b>JOB TYPE CODE :</b> Long String					
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
100021	Class G Cement			sacks	114	24.450	2,787.30	48%	1,449.40		
100120	Bentonite			lbs	2598	0.420	1,091.16	48%	567.40		
100121	Silica Flour			lbs	3831	0.450	1,723.95	48%	896.45		
100275	Sodium Metasilicate			lbs	20	3.320	66.40	48%	34.53		
100283	R-3			lbs	68	2.980	202.64	48%	105.37		
100317	Poz (Fly Ash)			sacks	114	10.850	1,236.90	48%	643.19		
398110	Mud Clean I			gals	840	1.360	1,142.40	48%	594.05		
398224	Premium Lite Cement			sacks	775	19.800	15,345.00	48%	7,979.40		
488015	FL-52			lbs	347	21.800	7,564.60	48%	3,933.59		
488019	FP-6L			gals	5	84.750	423.75	48%	220.35		
499632	Granulated Sugar			lbs	50	2.980	149.00	48%	77.48		
SUB-TOTAL FOR Product Material							31,733.10	48.00%	16,501.21		
A152	Personnel Surcharge - Cement Svc			ea	1	145.500	145.50	0%	145.50		
M100	Bulk Materials Service Charge			cu ft	1117	3.410	3,808.97	48%	1,980.66		
SUB-TOTAL FOR Service Charges							3,954.47	46.23%	2,126.16		
<b>ARRIVE LOCATION :</b> MO. 02 DAY 04 YEAR 2011 TIME 08:17		<b>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.</b>				<b>SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.</b>					
<b>CUSTOMER REP.</b> Tom Bower		<b>CUSTOMER AUTHORIZED AGENT</b>				<b>CUSTOMER AUTHORIZED AGENT</b> X					
<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>		<b>CUSTOMER AUTHORIZED AGENT</b>				<b>BJ SERVICES APPROVED</b> X					



FIELD RECEIPT NO. 1001752739

## BJ Services Company



CUSTOMER Kerr McGee Corp				CREDIT APPROVAL NO. A10011316399		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 MO. DAY YEAR		BJ SERVICES REPRESENTATIVE		WELL API NO:		WELL TYPE :					
COMPLETED 02 04 2011		CHRISTOPHER M MCKEON		05123309350000		New Well					
BJ SERVICES DISTRICT Brighton				JOB DEPTH(ft)		WELL CLASS :					
				8,010		Gas					
WELL NAME AND NUMBER VARRA #37-32				TD WELL DEPTH(ft)		GAS USED ON JOB :					
				8,020		No Gas					
WELL LOCATION :		LEGAL DESCRIPTION Sec.32 - T3N - R67W		COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE :		Long String	
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		% DISC.	
F019A		Cement Pumping, 8001 - 9000 ft		6hrs		1		8,500.000		48%	
J050		Cement Head		job		1		515.000		48%	
J225		Data Acquisition, Cement, Standard		job		1		1,335.000		48%	
J390		Mileage, Heavy Vehicle		miles		34		7.400		48%	
J391		Mileage, Auto, Pick-Up or Treating Van		miles		34		4.200		48%	
		SUB-TOTAL FOR Equipment						10,744.40		48.00%	
J401		Bulk Delivery, Dry Products		ton-mi		796		2.470		48%	
		SUB-TOTAL FOR Freight/Delivery Charges						1,966.12		48.00%	
		FIELD ESTIMATE						48,398.09		47.86%	
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		2018560100									
		06021008									
		201									