

# CEMENT JOB REPORT



CUSTOMER NEPI - Denver			DATE 11-APR-07		F.R. # 225133114		SERV. SUPV. JOSHUA K GOFF			
LEASE & WELL NAME KNAUS 28-8G6 - API 05123175960000			LOCATION 28-6N-66W				COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton			DRILLING CONTRACTOR RIG # Workover				TYPE OF JOB Squeeze-Top			

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES							
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
MATERIALS FURNISHED BY BJ											
Fresh Water					8.34				10		
Premium Lite Cement				240	10.5	3.98	25.63		170.26	146.45	
Fresh Water					8.34				2		
Class "G" Cement				60	15.8	1.15	4.97	05:15	12.30	7.10	
Fresh Water					8.34				6		
Fresh Water					8.34				20		
Available Mix Water 300 Bbl.				Available Displ. Fluid 100 Bbl.				TOTAL		220.56	153.54

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
10		7322	3.5	7.7	CSG	7233	J-55			
			1.25	3.02	TBG	5241	J-55			

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.
8.625	24	CSG	400	no packer		0	0	2.375	8 RD	WATER BASED MU	9.2

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	
6	BBLs	Fresh Water	8.34	0	0	0	5000	3000	4000	3000	frac tank

### Circulation Prior to Job

Circulated Well: Rig ☒ BJ ☐     
 Circulation Time: 2      Circulation Rate: 1 BPM  
 Mud Density In: 9.2 LBS/GAL    Mud Density Out: 9.2 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: .1 BBLs  
 Returns During Job: ☐ NONE ☐ PARTIAL ☒ FULL     
 Method Used to Verify Returns: sight  
 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:      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: 0 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

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

# 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)

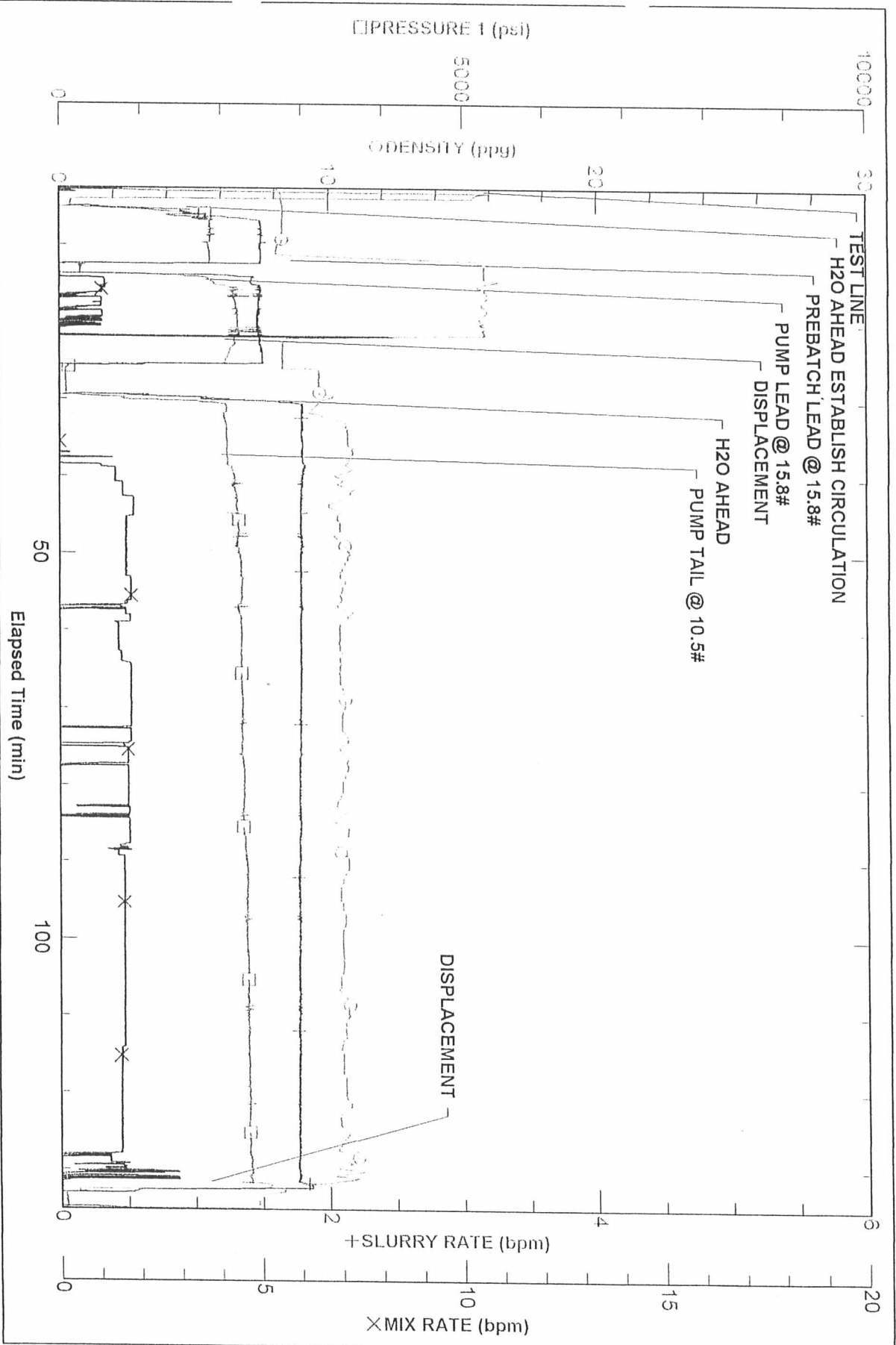
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

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 type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	5200 PSI
09:35	0	0	0	0	N/A	CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
09:47	5200	0	0	0	H2O	SAFETY MEETING	
09:50	1870	0	1.5	10	H2O	TEST LINE	
09:00	2180	0	1.5	11.7	CMT	FRESH WATER AHEAD	
09:06	2180	0	1.5	6	H2O	BATCH AND PUMP LEAD CEMENT @ 15.8#	
09:12	0	0	0	0	N/A	DISPLACEMENT	
09:26	2055	0	1.8	15	H2O	RIG PULLS PIPE	
09:36	2163	0	1.8	166.5	CMT	FRESH WATER AHEAD	
12:09	2580	0	1.8	2	H2O	BATCH AND PUMP TAIL CEMENT @ 10.5#	
						DISPLACEMENT	
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"/> 0		Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 0		211.2	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	



**BJ Services JobMaster Program Version 3.10**  
Job Number: 225133114  
Customer: NOBLE ENERGY  
Well Name: KNAUS 28-8G6



FIELD RECEIPT NO. 225133114

# BJ Services Company



CUSTOMER (COMPANY NAME) NEPI - Denver			CREDIT APPROVAL NO. A22511001658		PURCHASE ORDER NO.		CUSTOMER NUMBER 20004369 - 00227588		INVOICE NUMBER		
MAIL INVOICE TO :			STREET OR BOX NUMBER 1625 Broadway			CITY Denver		STATE Colorado		ZIP CODE 80202	
DATE WORK COMPLETED 04 11 2007		MO. DAY YEAR		BJ SERVICES SUPERVISOR JOSHUA K GOFF		WELL API NO. 05123175960000		WELL TYPE : Old Well			
BJ SERVICES DISTRICT Brighton				JOB DEPTH (ft) 5.241		WELL CLASS : Gas		GAS USED ON JOB : No Gas			
WELL NAME AND NUMBER AUS 28-8G6			LEGAL DESCRIPTION 28-6N-68W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Squeeze-Top	
WELL LOCATION :											
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		GROSS AMOUNT	
100021		Class G Cement		sacks		60					
100120		Bentonite		lbs		2088					
100275		Sodium Metasilicate		lbs		105					
100283		R-3		lbs		34					
398224		Premium Lite Cement		sacks		240					
488353		CSE-2		lbs		720					
A152		Personnel Surcharge - Cement Svc		ea		1					
M100		Bulk Materials Service Charge		cu ft		355					
		SUB-TOTAL FOR Product Material									
		SUB-TOTAL FOR Service Charges									
ARRIVE LOCATION : 04 11 2007 08:45		MO. DAY YEAR TIME		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. CASEY RUPPEL								CUSTOMER AUTHORIZED AGENT			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS								BJ SERVICES APPROVED			