



**Service Order for i-District Job 257175**

<b>Customer Name:</b> ENCANA USA - PARACHUTE FIELD O	<b>Person Taking Call:</b>	<b>Location:</b> Grand Junction, CO WS	<b>Order Date:</b>	<b>Job Number:</b> 257175		
<b>Service Order Number:</b> B2FW-00045	<b>Service Line:</b> Cementing	<b>Supervisor:</b> Dellit, Christopher	<b>Legal Location:</b>			
<b>Well Name and Number:</b> MF07B-4 N04 696	<b>Pad/Platform:</b> N04	<b>Field:</b> N Parachute	<b>County:</b>	<b>State/Prov:</b>		
<b>Well Master Number:</b> 0631117186	<b>API/UWI:</b>	<b>Rig Name:</b> PATTERSON 303	<b>Well Age:</b>	<b>Sales Engineer:</b> Donner, Kent		
<b>Job Type:</b> Cementing – 9 5/8" Surface Casing	<b>Time Well Ready:</b>	<b>Deviation:</b>	<b>Hole Size:</b> 12.25 in	<b>Well MD:</b> 16000 ft		
<b>Well TVD:</b> 16000 ft	<b>BHP:</b>	<b>BHST:</b> 95 °F	<b>BHCT:</b> 85 °F	<b>Treat Down:</b> Casing		
<b>Packer Type:</b>	<b>Packer Depth:</b>	<b>Well Head Connection:</b> 9 5/8 Ceme	<b>HHP on Location:</b>	<b>Max Allowed Pressure:</b> 4000 psi		
<b>Max Allowed Ann Pressure:</b> 2000 psi		<b>Job Stage Number:</b>	<b>FTL Ticket/Quote Number :</b> <Invalid Tag>			
<b>Expected on Location:</b> 6/23/2009 3:00 AM	<b>Ready to Pump:</b> 6/23/2009 12:30 AM	<b>Job Start Date:</b> 6/23/2009 12:00 AM	<b>Job End Date:</b> 6/23/2009 11:00 AM			
<b>Leave for Job:</b> 6/22/2009 10:00:00 PM		<b>Arrive from Job:</b> 6/23/2009 11:00:00 AM				
<b>Casing/Tubing</b>			<b>Service Instructions:</b>			
<b>String Type</b>	<b>Depth</b>	<b>Size</b>	<b>Weight</b>	<b>Grade</b>	<b>Thread</b>	Cement 9 5/8" Casing @ 1600ft
Casing	120 ft	16 in	65 lb/ft			
Casing	1600 ft	9.625 in	36 lb/ft			20bbbls Water
<b>Perforations</b>						230sks 12.5ppg Lead
<b>Top</b>	<b>Bottom</b>	<b>SPF</b>	<b>No of Shots</b>	<b>Formation Name</b>		
						141sks 14.0ppg Tail
<b>Total Interval:</b> 0			<b>Diameter:</b>			25% Excess
<b>Coiled Tubing</b>						
<b>Size</b>	<b>Thickness</b>	<b>Length</b>	<b>String ID</b>	<b>Reel ID</b>		
<b>Client Contact</b>						
<b>Name</b>	<b>Voice</b>	<b>Fax</b>	<b>Email</b>	<b>Title</b>	<b>Company</b>	<b>Notes</b>
Ira Cox						
<b>Notes:</b> 9 5/8" head, bowl, plug Own CE/LK						
<b>Directions:</b>						

<b>Materials</b>				
<b>Name</b>	<b>Code</b>	<b>Description</b>	<b>Quantity</b>	<b>Density</b>
12.5ppg N Parachute Surf Lead		G + 2%D79 + 0.2%D46 + 0.25pps D29	85.00 bbl	12.50 lb/gal
14.0ppg N Parachute Surf Tail		G + 1%D79 + 0.2%D46 + 0.25pps D29	38.00 bbl	14.00 lb/gal

**Fluid Systems:**

<b>12.5ppg N Parachute Surf Lead</b>			
G + 2%D79 + 0.2%D46 + 0.25pps D29			
<i>Sacks Of:</i>	CEMEN T	<i>Total</i>	21,567.3 lb
<i>Sack Weight:</i>	94.00 lb	<i>Blend/Cem:</i>	6
<i>Yield:</i>	2.08 ft3/sk	<i>Dry Blend Code:</i>	
<i>Mix Water:</i>	11.83 ft3/sk	<i>Base Fluid Den:</i>	
<i>Mix Fluid:</i>	11.83 ft3/sk	<i>Volume:</i>	
<i>Mix Water Den:</i>	8.32 lb/gal	<i>Base Fluid Vol:</i>	
<i>Sacks Blend/Cem:</i>	229.44 sks	<i>Acid Volume:</i>	
<i>Total Mix Water:</i>	76.88 m3	<i>Acid Conc:</i>	
<i>Total Mix Fluid:</i>	76.88 m3		
Code	Conc	Total	Adjusted Total
D907	94.00 lb/sk	21,567.36 lb	21,567.36 lb
D079	1.88 lb/sk	431.35 lb	431.35 lb
D046	0.19 lb/sk	43.13 lb	43.13 lb
D029	0.25 lb/sk	57.36 lb	57.36 lb

<b>14.0ppg N Parachute Surf Tail</b>			
G + 1%D79 + 0.2%D46 + 0.25pps D29			
<i>Sacks Of:</i>	CEMEN T	<i>Total</i>	13,193.8 lb
<i>Sack Weight:</i>	94.00 lb	<i>Blend/Cem:</i>	4
<i>Yield:</i>	1.52 ft3/sk	<i>Dry Blend Code:</i>	
<i>Mix Water:</i>	7.67 ft3/sk	<i>Base Fluid Den:</i>	
<i>Mix Fluid:</i>	7.67 ft3/sk	<i>Volume:</i>	
<i>Mix Water Den:</i>	8.32 lb/gal	<i>Base Fluid Vol:</i>	
<i>Sacks Blend/Cem:</i>	140.36 sks	<i>Acid Volume:</i>	
<i>Total Mix Water:</i>	30.48 m3	<i>Acid Conc:</i>	
<i>Total Mix Fluid:</i>	30.48 m3		
Code	Conc	Total	Adjusted Total
D907	94.00 lb/sk	13,193.84 lb	13,193.84 lb
D079	0.94 lb/sk	131.94 lb	131.94 lb
D046	0.19 lb/sk	26.39 lb	26.39 lb
D029	0.25 lb/sk	35.09 lb	35.09 lb

Resources				
Personnel	Equipment 1	Equipment 2	Assignment	Note
Russell Bolding	206127 (F350)		6/23/2009 12:00 AM - 9:00 AM	
John Nielson	2CPT24679		6/23/2009 12:00 AM - 9:00 AM	J. Nielson
Steve Bruning	2TRAL29102	2CTF29564	6/23/2009 12:00 AM - 9:00 AM	FB: 143 sks 14.0 ppg Tail TS
	2TRA26270	2CTF28210	6/23/2009 12:00 AM - 9:00 AM	FB: 115 sks 12.5 ppg Lead TS BB: 115 sks 12.5 ppg Lead TS
	2CSS30010		6/23/2009 12:00 AM - 9:00 AM	
	2CSS00414		6/23/2009 12:00 AM - 9:00 AM	