



## Service Order for i-District Job 348822

<b>Customer Name:</b> ENCANA USA - PARACHUTE FIELD OFC	<b>Person Taking Call:</b> Gomez Valadez, Juan Jose	<b>Location:</b> Grand Junction, CO WS	<b>Order Date:</b> 12/3/2009 12:00 AM	<b>Job Number:</b> 348822
<b>Service Order Number:</b> B7O8-00110	<b>Service Line:</b> Cementing	<b>Supervisor:</b> Gomez Valadez, Juan Jose	<b>Legal Location:</b>	
<b>Well Name and Number:</b> SGU 8513C-24 F25 496	<b>Pad/Platform:</b> F25	<b>Field:</b> N Piceance	<b>County:</b> Garfield	<b>State/Prov:</b> Colorado
<b>Well Master Number:</b> 0631178239	<b>API/UWI:</b>	<b>Rig Name:</b> PATTERSON 306	<b>Well Age:</b>	<b>Sales Engineer:</b> Hudson, Matthew
<b>Job Type:</b> Cementing – 9 5/8" Surface Casing	<b>Time Well Ready:</b>	<b>Deviation:</b>	<b>Hole Size:</b> 14.75 in	<b>Well MD:</b> 3000 ft
<b>Well TVD:</b> 3000 ft	<b>BHP:</b>	<b>BHST:</b> 115 °F	<b>BHCT:</b> 95 °F	<b>Treat Down:</b> Casing
<b>Packer Type:</b>	<b>Packer Depth:</b>	<b>Well Head Connection:</b> 9 5/8 Cement Head	<b>HHP on Location:</b> 550 hhp	<b>Max Allowed Pressure:</b> 4000 psi
<b>Max Allowed Ann Pressure:</b> 1500 psi		<b>Job Stage Number:</b> Production casing 12 of 12	<b>FTL Ticket/Quote Number :</b> B7O8-00110	
<b>Expected on Location:</b> 4/28/2010 9:00 AM	<b>Ready to Pump:</b>	<b>Job Start Date:</b> 4/28/2010 9:00 AM	<b>Job End Date:</b> 4/29/2010 3:50 AM	
<b>Leave for Job:</b> 4/28/2010 6:00:00 AM		<b>Arrive from Job:</b> 4/29/2010 6:00:00 AM		

<b>Casing/Tubing</b>						<b>Service Instructions:</b> Cement 9 5/8" Surface Casing @ 3000ft w/ 50% Excess  160 bbls CemNET + in mud  30 bbls ZONELOCK  50 bbls MUDPUSH @ 8.6 ppg  1108skts 9.0ppg LiteCRETE  Drop plug on fly with 5 bbls 8.6 ppg MudPUSH II  Displace with water  CemNET in all slurry
<b>String Type</b>	<b>Depth</b>	<b>Size</b>	<b>Weight</b>	<b>Grade</b>	<b>Thread</b>	
Casing	120 ft	20 in	94 lb/ft			
Casing	3000 ft	9.625 in	36 lb/ft			
<b>Perforations</b>						
<b>Top</b>	<b>Bottom</b>	<b>SPF</b>	<b>No of Shots</b>	<b>Formation Name</b>		
<b>Total Interval:</b> 0			<b>Diameter:</b>			
<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>
Mike Quintana	303 353 7846					
<b>Notes:</b> 9 5/8" head, bowl, plug 1000lbs of CemNET 1600lbs of CemNET + 600lbs of S001						
<b>Directions:</b>						

Materials				
Name	Code	Description	Quantity	Density
8.6 MudPush		49bbls Water + 215lbs D812 + 775lbs D031	50.00 bbl	8.60 lb/gal
9.0 LiteCRETE		LiteCRETE Blend + 0.8%D079 + 0.8%D065 + 0.4%D013 + 0.2%D046 + 0.25pps D029	559.00 bbl	9.00 lb/gal
B290	B290	CemNET+	1,600.00 lb	
D095	D095	D095 Cement Additive	1,000.00 lb	
S001	S001	Calcium Chloride S1	600.00 lb	

### Fluid Systems:

8.6 MudPush				
49bbls Water + 215lbs D812 + 775lbs D031				
Sacks Of:	Total Blend/Cem:			
Sack Weight:	Dry Blend Code:			
Yield:	Final Fluid Density: 8.60 lb/gal			
Mix Water:	Base Fluid Den:			
Mix Fluid:	Volume: 50.00 bbl			
Mix Water Den:	Base Fluid Vol:			
Sacks Blend/Cem:	Acid Volume:			
Total Mix Water:	Acid Conc:			
Total Mix Fluid:	Load out Excess			
Code	Conc	Design	Total by design	Load out with excess
D031	232.000 lb/bbl	BWVSpacerV O		
D182	5.000 lb/bbl	BWVSpacerV O		

9.0 LiteCRETE
LiteCRETE Blend + 0.8%D079 + 0.8%D065 + 0.4%D013 + 0.2%D046 + 0.25pps D029

Sacks Of:	Cement		Total Blend/Cem:	110,903.00	lb
Sack Weight:	100.00	lb	Dry Blend Code:		
Yield:	2.83	ft3/sk	Final Fluid Density:	9.00	lb/gal
Mix Water:	10.62	gal/sk	Base Fluid Den:		
Mix Fluid:	10.62	gal/sk	Volume:		
Mix Water Den:	8.32	lb/gal	Base Fluid Vol:		
Sacks Blend/Cem:	1,109.03	sks	Acid Volume:		
Total Mix Water:	44.58	m3	Acid Conc:		
Total Mix Fluid:	44.58	m3			
Load out Excess					
Code	Conc	Design	Total by design	Load out with excess	
D124	53.000 lb/sk	WTSK	58,778.59 lb	58,778.59 lb	
D907	37.000 lb/sk	WTSK	41,034.11 lb	41,034.11 lb	
D154	10.000 lb/sk	WTSK	11,090.30 lb	11,090.30 lb	
D079	0.800 lb/sk	WTSK	887.22 lb	887.22 lb	
D065	0.800 lb/sk	WTSK	887.22 lb	887.22 lb	
D013	0.400 lb/sk	WTSK	443.61 lb	443.61 lb	
D046	0.200 lb/sk	WTSK	221.81 lb	221.81 lb	
D029	0.250 lb/sk	WTSK	277.26 lb	277.26 lb	

Resources				
Personnel	Equipment 1	Equipment 2	Assignment	Note
	2CSS015995		4/28/2010 6:00 AM - 11:37 PM	
	2CSS18226		4/28/2010 6:00 AM - 11:37 PM	
	2CSS29478		4/28/2010 6:00 AM - 4/29/2010 6:00 AM	