



Service Order for i-District Job 629472

Customer Name: ENCANA USA - PARACHUTE FIELD OFC (EDI)	Person Taking Call:	Location: Grand Junction, CO WS	Order Date:	Job Number: 629472
Service Order Number: BQMF-00148	Service Line: Cementing	Supervisor:	Legal Location:	
Well Name and Number: STORY GULCH UNIT 8503E-22 N, 8503E-22 N	Pad/Platform:	Field: NOT REPORT	County: Garfield	State/Prov: CO
Well Master Number: 0631277965	API/UWI: 05045206670000	Rig Name: PATTERSON #306	Well Age:	Sales Engineer: Hudson,Matthew
Job Type: Cementing – 9 5/8" Surface Casing	Time Well Ready:	Deviation:	Hole Size:	Well MD: 2100 ft
Well TVD:	BHP:	BHST: 107 °F	BHCT: 90.5 °F	Treat Down: Casing
Packer Type:	Packer Depth:	Well Head Connection:	HHP on Location:	Max Allowed Pressure: 3000 psi
Max Allowed Ann Pressure: 500 psi		Job Stage Description:	FTL Ticket/Quote Number : BQMF-00148	
Expected on Location: 9/13/2011 12:00 AM	Ready to Pump:	Job Start Date: 13-Sep-11 00:00	Job End Date: 13-Sep-11 12:00	
Leave for Job: 13-Sep-11 00:00		Arrive from Job: 13-Sep-11 12:00		

Casing/Tubing						Service Instructions: Cement Surface as designed
String Type	Depth	Size	Weight	Grade	Thread	
Perforations						
Top	Bottom	SPF	No of Shots	Formation Name		
Total Interval: 0			Diameter:			
Coiled Tubing						
Size	Thickness	Length	String ID	Reel ID		

Client Contact						
Name	Voice	Fax	Email	Title	Company	Notes

Notes:
 take cement head, bowl (8rd and buttress), top plug and sugar

Do not leave proprietary products on location.
 Bring 1300lbs B290 (CemNET Plus)
 Use at Co. Man Discretion in Mud (up to 80bbls @ 10#/bbl) and/or MUDPUSH II (up to 50bbls at 10#/bbl)
 Bring 640lbs D095 (CemNET)
 Use at Co. Man Discretion in Cement (up to 320bbls @ 2#/bbl)

Directions:

Materials				
Name	Code	Description	Quantity	Density
11.0# LiteFIL Lead		min TT = 3:12	249.00 bbl	11.00 lb/gal
12.5# LiteFIL		min TT = 2:40	82.00 bbl	12.50 lb/gal
B290	B290	CemNET+	1,300.00 lb	
D095	D095	D095 Cement Additive	650.00 lb	
MUDPUSH II w D042 10.0ppg			50.00 bbl	10.0 lb/gal
S001 SOLN	S001 SOLN	30 lb/ bbl S001- 20 bbl	20.00 bbl	
ZONELOCK		D075 + Water	30.00 bbl	

Fluid Systems:

11.0# LiteFIL Lead				
min TT = 3:12				
Sacks Of:	Cement	Total Blend/Cem:	49,000.00	lb
Sack Weight:	98.00 lb	Dry Blend Code:		
Yield:	2.87 ft3/sk	Final Fluid Density:	11.00	lb/gal
Mix Water:	15.65 gal/sk	Base Fluid Den:		
Mix Fluid:		Volume:		
Mix Water Den:	8.33 lb/gal	Base Fluid Vol:		
Sacks Blend/Cem:	500.00 sks	Acid Volume:		
Total Mix Water:	29.62 m3	Acid Conc:		
Total Mix Fluid:				
Load out Excess				
Code	Conc	Design	Total by design	Load out with excess
D049	87.000 lb/sk	WTSK	43,500.00 lb	43,500.00 lb
D124	11.000 lb/sk	WTSK	5,500.00 lb	5,500.00 lb
D053	6.000 %	BWOB	2,940.00 lb	2,940.00 lb
D079	2.000 %	BWOB	980.00 lb	980.00 lb
D046	0.200 %	BWOB	98.00 lb	98.00 lb
D029	0.250 lb/sk	WTSK	125.00 lb	125.00 lb

12.5# LiteFIL				
min TT = 2:40				
Sacks Of:	Cement		Total Blend/Cem:	24,990.00 lb
Sack Weight:	98.00 lb		Dry Blend Code:	
Yield:	1.81 ft3/sk		Final Fluid Density:	12.50 lb/gal
Mix Water:	7.56 gal/sk		Base Fluid Den:	
Mix Fluid:			Volume:	
Mix Water Den:	8.33 lb/gal		Base Fluid Vol:	
Sacks Blend/Cem:	255.00 sks		Acid Volume:	
Total Mix Water:	7.30 m3		Acid Conc:	
Total Mix Fluid:				
				Load out Excess
Code	Conc	Design	Total by design	Load out with excess
D049	87.000 lb/sk	WTSK	22,185.00 lb	22,185.00 lb
D124	11.000 lb/sk	WTSK	2,805.00 lb	2,805.00 lb
D053	6.000 %	BWOB	1,499.40 lb	1,499.40 lb
D046	0.200 %	BWOB	49.98 lb	49.98 lb
D029	0.250 lb/sk	WTSK	63.75 lb	63.75 lb
D013	0.150 %	BWOB	37.49 lb	37.49 lb
D065	0.200 %	BWOB	49.98 lb	49.98 lb

MUDPUSH II w D042 10.0ppg				
<div> <div> Sacks Of: Sack Weight: Yield: Mix Water: Mix Fluid: Mix Water Den: Sacks Blend/Cem: Total Mix Water: Total Mix Fluid: </div> <div> Total Blend/Cem: Dry Blend Code: Final Fluid Density: Base Fluid Den: Volume: 50.00 bbl Base Fluid Vol: Acid Volume: Acid Conc: </div> </div> <div>Load out Excess</div>				
Code	Conc	Design	Total by design	Load out with excess
D182	5.000 lb/bbl	BWVSpacerV O	250.00 lb	250.00 lb
D031	68.000 lb/bbl	BWVSpacerV O	3,400.00 lb	3,400.00 lb
D042	75.000 lb/bbl	BWVSpacerV O	3,750.00 lb	3,750.00 lb

S001 SOLN				
30 lb/ bbl S001- 20 bbl				
<div> <div> Sacks Of: Sack Weight: Yield: Mix Water: Mix Fluid: Mix Water Den: Sacks Blend/Cem: Total Mix Water: Total Mix Fluid: </div> <div> Total Blend/Cem: Dry Blend Code: Final Fluid Density: Base Fluid Den: Volume: 20.00 bbl Base Fluid Vol: Acid Volume: Acid Conc: </div> </div>				
Load out Excess				
Code	Conc	Design	Total by design	Load out with excess
S001	30.000 lb/bbl	BWVSpacerV O	600.00 lb	600.00 lb

ZONELOCK				
D075 + Water				
Sacks Of:		Total Blend/Cem:		
Sack Weight:		Dry Blend		
Yield:		Code:		
Mix Water:		Final Fluid		
Mix Fluid:		Density:		
Mix Water Den:		Base Fluid		
Sacks		Den:		
Blend/Cem:		Volume:	30.00	bbl
Total Mix		Base Fluid		
Water:		Vol:		
Total Mix Fluid:		Acid Volume:		
		Acid Conc:		
			Load out	
			Excess	
Code	Conc	Design	Total by design	Load out with excess
D075	18.000 gal/bbl	BVOSpacerV O	540.00 gal	540.00 gal
H2O	24.000 gal/bbl	BVOSpacerV O	720.00 gal	720.00 gal