

The Road to Excellence Starts with Safety

Sold To #: 305801	Ship To #: 2811485	Quote #:	Sales Order #: 7723544
Customer: ENERGEN RESOURCES CORP EBUS	Customer Rep:		
Well Name: N. Carracas 32-4	Well #: 16 D-2	API/UWI #:	
Field:	City (SAP): BONDAD	County/Parish: Archuleta	State: Colorado
Contractor: CBM	Rig/Platform Name/Num: CBM #1		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: SNYDER, RANDALL	Srv Supervisor: PONDER, THOMAS	MBU ID Emp #: 427112	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ETCITY, JERRY	4.5	227876	MCLAUGHLIN, JOHN Nelson	4.5	479802	PONDER, THOMAS Lynn	4.5	427112
SLAUGHTER, JESSE Dean	4.5	454315	TYLER, LUTHER	4.5	375283			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10025104	80 mile	10784080	80 mile	10811442	80 mile	10871245	80 mile
11360881	80 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
10/26/2010	4.5	1						

TOTAL Total is the sum of each column separately

Job

Formation Name	Formation Depth (MD)	Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Water Depth	Perforation Depth (MD)	From	To
				BHST	817. ft	817. ft	3. ft			

Job Times

Date	Time	Time Zone
26 - Oct - 2010	05:00	MST
26 - Oct - 2010	14:30	MST
26 - Oct - 2010	16:57	MST
26 - Oct - 2010	17:45	MST
26 - Oct - 2010	19:00	MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
12-1/4" Open Hole				12.25				110.	800.		
Conductor	Unknown		13.375	12.715	48.			110.			
Surface Casing	Unknown		9.625	9.001	32.3			800.			

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
SUGAR, GRANULATED, IMPERIAL	150	LB		
PLUG,CMTG,TOP,9 5/8,HWE,8.16 MIN/9.06 MA	1	EA		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	9 5/8	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9 5/8	1	HES
Stage Tool										Centralizers			

Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	%

Cementing Job Summary

Fluid Data									
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Fresh Water			bbl	8.33	.0	.0	.0	
2	Cement	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)		sacks	15.8	1.17	5.0		5.0
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	4.998 Gal	FRESH WATER							
3	Displacement			bbl	8.33	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement	61.1	Shut In: Instant		Lost Returns	0	Cement Slurry	108.4	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	50	Actual Displacement	56.1	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	185
Rates									
Circulating	6	Mixing		6	Displacement	6	Avg. Job		6
Cement Left In Pipe	Amount	40 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					