

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 348223	Ship To #: 2802164	Quote #:	Sales Order #: 7600244
Customer: EOG RESOURCES INC EBUSINESS		Customer Rep: Sessions, Jackie	
Well Name: Brookover	Well #: 8-3	API/UWI #:	
Field:	City (SAP): GARDEN CITY	County/Parish: Stevens	State: Kansas
Contractor: ABERCROMBIE	Rig/Platform Name/Num: 55		
Job Purpose: Plug to Abandon Service			
Well Type: Development Well		Job Type: Plug to Abandon Service	
Sales Person: HESTON, MYRON		Srvc Supervisor: HULSEY, JASON	MBU ID Emp #: 305277

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CARRILLO, EDUARDO Carrillo	6	371263	HULSEY, JASON Alan	6	305277	RODRIGUEZ, EDGAR Alejandro	6	442125

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10243558	mile	10286731	mile	10714253C	mile	10994449	mile
11133699	mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
08/27/2010	6	3						
TOTAL	<i>Total is the sum of each column separately</i>							

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
Form Type	Job depth MD	1890. ft	BHST Job Depth TVD 1890. ft	On Location	27 - Aug - 2010	20:00	CST
Water Depth	Perforation Depth (MD)	From	To	Job Started	27 - Aug - 2010	21:15	CST
				Job Completed	27 - Aug - 2010	01:15	CST
				Departed Loc	27 - Aug - 2010	02:00	CST

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
Cement Plug	Unknown								60.		
Cement Plug	Unknown							480.	480.		
Cement Plug	Unknown							960.	960.		
Cement Plug	Unknown							1890.	1890.		
Production Open Hole				7.875				1800.	6000.		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

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

Fluid Data

Stage/Plug #: 1

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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	PLUG AT 1890	POZ PREMIUM 40/60 - SBM (15075)	100.0	sacks	13.5	1.59	8.01		8.01
	2 %	BENTONITE, BULK (100003682)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	8.007 Gal	FRESH WATER							
2	PLUG AT 960 ft	POZ PREMIUM 40/60 - SBM (15075)	50.0	sacks	13.5	1.59	8.01		8.01
	2 %	BENTONITE, BULK (100003682)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	8.007 Gal	FRESH WATER							
3	PLUG AT 480	POZ PREMIUM 40/60 - SBM (15075)	30.0	sacks	13.5	1.59	8.01		8.01
	2 %	BENTONITE, BULK (100003682)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	8.007 Gal	FRESH WATER							
4	PLUG FROM 0 ft TO 60 ft	POZ PREMIUM 40/60 - SBM (15075)	20.0	sacks	13.5	1.57	7.74		7.74
	2 %	BENTONITE, BULK (100003682)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	7.738 Gal	FRESH WATER							
5	PLUG: RAT 30 sk & MOUSE HOLE 20 sk	POZ PREMIUM 40/60 - SBM (15075)	50.0	sacks	13.5	1.58	7.95		7.95
	2 %	BENTONITE, BULK (100003682)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	7.948 Gal	FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	0 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					

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Field:		City (SAP): GARDEN CITY		County/Parish: Stevens		State: Kansas	
Legal Description:							
Lat:				Long:			
Contractor: ABERCROMBIE			Rig/Platform Name/Num: 55				
Job Purpose: Plug to Abandon Service					Ticket Amount:		
Well Type: Development Well			Job Type: Plug to Abandon Service				
Sales Person: HESTON, MYRON			Srv Supervisor: HULSEY, JASON			MBU ID Emp #: 305277	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Cement	08/27/2010 00:47		4.5	5.6	103.8 4			Plug 4 20sk@13.5ppg
Pump Displacement	08/27/2010 00:49		4.5	0.89	104.7 3			
Pump Cement	08/27/2010 00:51		4.5	14.06	118.7 9			rat/mouse hole 50sk
End Job	08/27/2010 01:00							
Pre-Rig Down Safety Meeting	08/27/2010 01:05							all hes personnel present
Call Out	08/27/2010 13:00							
Depart Yard Safety Meeting	08/27/2010 16:30							Discuss routes and stops
Arrive At Loc	08/27/2010 20:00							
Assessment Of Location Safety Meeting	08/27/2010 20:05							walk around location pouint out any hazards
Pre-Rig Up Safety Meeting	08/27/2010 20:10							watch for pinch points,hammering and walking hazards
Rig-Up Completed	08/27/2010 21:00							
Pre-Job Safety Meeting	08/27/2010 21:15							with all personal on location
Start Job	08/27/2010 21:19							
Pressure Test	08/27/2010 21:25							2500 psi
Pump Cement	08/27/2010 21:52		4.5	28.3	28.3			Plug 1 100sk @13.5ppg
Pump Displacement	08/27/2010 21:59		4.5	26.77	55.07			

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Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Cement	08/27/2010 22:37		4.5	14.16	69.23			Plug 2 50sks @13.5ppg
Pump Displacement	08/27/2010 22:40		4.5	13.8	83.03			
Pump Cement	08/27/2010 23:07		4.5	8.5	91.53			Plug 3 30sks @13.5ppg
Pump Displacement	08/27/2010 23:09		4.5	6.71	98.24			
Rig-Down Equipment	08/28/2010 01:10							
Rig-Down Completed	08/28/2010 01:45							
Depart Location Safety Meeting	08/28/2010 01:50							
Depart Location for Service Center or Other Site	08/28/2010 02:00							