

HALLIBURTON

iCem[®] Service

VERDAD OIL & GAS

For: CLAYTON CARMACK

Date: Friday, November 14, 2014

DRAKE 01N-65W-22-8N

DRAKE

Case 2

Sincerely,

AARON SMITH

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 306259	Ship To #: 3617616	Quote #:	Sales Order #: 0901819881
Customer: VERDAD OIL & GAS		Customer Rep: CLAYTON CARMACK	
Well Name: DRAKE	Well #: 01N-65W-22-8N	API/UWI #: 05-123-40503-00	
Field: WATTENBERG	City (SAP): HUDSON	County/Parish: WELD	State: COLORADO
Legal Description: SE SE-22-1N-65W-213FSL-1309FEL			
Contractor:		Rig/Platform Name/Num: Frontier 6	
Job BOM: 7521			
Well Type: HORIZONTAL OIL			
Sales Person: HALAMERICA/HB60191		Srv Supervisor: Aaron Smith	
Job			

Formation Name			
Formation Depth (MD)	Top		Bottom
Form Type			BHST
Job depth MD	1320ft		Job Depth TVD 1320
Water Depth			Wk Ht Above Floor 4
Perforation Depth (MD)	From		To

Well Data

Description	New / Used	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Casing		9.625	8.921	36	LTC	J-55	0	1295		1295
Open Hole Section			13.5				0	1320		1320

Tools and Accessories

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	9.625				Top Plug	9.625	1	HES
Float Shoe	9.625	1	SSII	1295	Bottom Plug	9.625		HES
Float Collar	9.625	1	SSII	1250	SSR plug set	9.625		HES
Insert Float	9.625				Plug Container	9.625	1	HES
Stage Tool	9.625				Centralizers	9.625		HES

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										
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
1	Fresh Water Spacer	Fresh Water Spacer	20	bbl	8.33			6		

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal
2	Lead Cement	SWIFTCEM (TM) SYSTEM	555	sack	14.2	1.54		6	7.64
7.64 Gal		FRESH WATER							

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal
3	Displacement	Displacement	97	bbl	8.33			6	

Cement Left In Pipe	Amount	42 ft	Reason	Shoe Joint
Mix Water: pH	6.2	Mix Water Chloride:	0	Mix Water Temperature:
Cement Temperature: ##	°F °C	Plug Displaced by:	8.33 lb/gal kg/m ³ XXXX	Disp. Temperature:
Plug Bumped?	Yes	Bump Pressure:	362 psi MPa	Floats Held?
Cement Returns:	0 bbl m ³	Returns Density:	8.33 lb/gal kg/m ³	Returns Temperature:
Comment				