

The Road to Excellence Starts with Safety

Sold To #: 340078	Ship To #: 2946886	Quote #:	Sales Order #: 9794443
Customer: ENCANA OIL & GAS (USA) INC. - EBUS		Customer Rep: Willson, Rodney	
Well Name: Kerr 12H	Well #: 1	API/UWI #: 15-135-35450	
Field:	City (SAP): NESS CITY	County/Parish: Ness	State: Kansas
Legal Description: Section 1 Township 20S Range 25W			
Contractor: Precision		Rig/Platform Name/Num: 209	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: DAIGLE, COLTER		Srvc Supervisor: AGUILERA, FABIAN	MBU ID Emp #: 442123

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
AGUILERA, FABIAN J	5	442123	HEIDT, JAMES Nicholas	5	517102	LUONG, JOHN M	5	497077
MENDOZA, VICTOR	5	442596	NASH, JONATHAN Clark	5	524600			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
TOTAL			Total is the sum of each column separately					

Job

Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	06 - Sep - 2012	08:30	CST
Form Type		BHST	Job Started	06 - Sep - 2012	13:30	CST
Job depth MD	1586. ft	Job Depth TVD	Job Completed	06 - Sep - 2012	16:34	CST
Water Depth		Wk Ht Above Floor	Departed Loc	06 - Sep - 2012	17:49	CST
Perforation Depth (MD)	From	To			20:30	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
Surface Casing Open Hole				12.25				60.	1612.		
Preset Conductor	Unknown		14.	13.344	50.		J-55	.	60.		
Surface Casing	Unknown		9.625	8.921	36.		J-55	.	1611.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
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			
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										
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	ExtendaCem	EXTENDACEM (TM) SYSTEM (452981)	340.0	sacks	12.4	2.09	11.5		11.5	
	0.25 lbm	POLY-E-FLAKE (101216940)								
	2 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)								
	11.495 Gal	FRESH WATER								
2	HalCem	HALCEM (TM) SYSTEM (452986)	280.0	sacks	15.6	1.19	5.3		5.3	
	1 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)								
	0.125 lbm	POLY-E-FLAKE (101216940)								
	5.302 Gal	FRESH WATER								
3	Displacement (TBC)		122.00	bbl	.	.0	.0	.0		
4	Top Out Cement	CMT - STANDARD CEMENT (100003684)		sacks	15.6	1.18	5.25		5.25	
	94 lbm	CMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)								
	5.245 Gal	FRESH WATER								
Calculated Values			Pressures			Volumes				
Displacement	122 BBL	Shut In: Instant		Lost Returns	0	Cement Slurry	186 BBL	Pad		
Top Of Cement	SURFACE	5 Min		Cement Returns	55 BBL	Actual Displacement	120 BBL	Treatment		
Frac Gradient		15 Min		Spacers	0	Load and Breakdown		Total Job		
Rates										
Circulating	0	Mixing	5	Displacement	5	Avg. Job	5			
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						

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Sold To #: 340078	Ship To #: 2946886	Quote #:	Sales Order #: 9804988
Customer: ENCANA OIL & GAS (USA) INC. - EBUS		Customer Rep: Millins, Greg	
Well Name: Kerr 12H	Well #: 1	API/UWI #: 15-135-35450	
Field:	City (SAP): NESS CITY	County/Parish: Ness	State: Kansas
Legal Description: Section 1 Township 20S Range 25W			
Contractor: Precision		Rig/Platform Name/Num: 209	
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well		Job Type: Cement Intermediate Casing	
Sales Person: DAIGLE, COLTER		Srvc Supervisor: WOODROW, JOHN	MBU ID Emp #: 105848

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
JOURNAGAN, MICHAEL D	12	524224	SMITH, THOMAS Miles	12	493032	WOODROW, JOHN Phillip	12	105848

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
9/10/12	2	1	9/11/12	5	2			

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)				10 - Sep - 2012	15:00	CST
Form Type	BHST		On Location	10 - Sep - 2012	21:45	CST
Job depth MD	4864. ft	Job Depth TVD	Job Started	11 - Sep - 2012	02:30	CST
Water Depth		Wk Ht Above Floor	Job Completed	11 - Sep - 2012	03:35	CST
Perforation Depth (MD)	From	To	Departed Loc	11 - Sep - 2012	05:30	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
Intermediate Open Hole				8.75				1586.	4901.	.	3500.
Intermediate Casing	Unknown		7.	6.366	23.		N-80	.	4900.	.	3500.
Surface Casing	Unknown		9.625	8.921	36.		J-55	.	1586.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 7, HWE, 5.66 MIN/6.54 MAX CS	1	EA		

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

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	Water ahead		10.00	bbl	8.33	.0	.0	.0	
2	Lead Cement	MIDCON-2 CEMENT STANDARD - SBM (15078)	70.0	sacks	11.4	2.89	17.84		17.84
	0.25 lbm	POLY-E-FLAKE (101216940)							
	17.838 Gal	FRESH WATER							
3	Tail Cement	CMT - STANDARD CEMENT (100003684)	105.0	sacks	15.6	1.18	5.2		5.2
	94 lbm	CMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	5.204 Gal	FRESH WATER							
4	Displacement (TBC)		169.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	184	Shut In: Instant		Lost Returns	0	Cement Slurry	58	Pad	
Top Of Cement	2264	5 Min		Cement Returns	0	Actual Displacement	184	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	
Rates									
Circulating	5	Mixing	5	Displacement	5	Avg. Job	5		
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					