

The Road to Excellence Starts with Safety

Sold To #: 340078	Ship To #: UNKNOWN	Quote #:	Sales Order #: 9774639
Customer: ENCANA OIL & GAS (USA) INC. - EBUS		Customer Rep: Perry, Carey	
Well Name: Nattier 16H	Well #: 2	API/UWI #: 15-079-20693-0100	
Field:	City (SAP): UNKNOWN	County/Parish: Harvey	State: Kansas
Legal Description: Section 16 Township 24S Range 2E			
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: DAIGLE, COLTER		Srvc Supervisor: JOHNSON, ROBERT	MBU ID Emp #: 418417

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
JOHNSON, ROBERT David	20	418417	SLAUGHTER, MICHAEL Eugene	20	492805	STANGL, TIMOTHY David Loui	20	333480

### 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
08/29/2012	0	0	08/30/2012	13	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)			On Location	29 - Aug - 2012	20:30	CST
Form Type	BHST		Job Started	30 - Aug - 2012	03:00	CST
Job depth MD	278. ft	Job Depth TVD	Job Completed	30 - Aug - 2012	05:55	CST
Water Depth		Wk Ht Above Floor	Departed Loc	30 - Aug - 2012	06:28	CST
Perforation Depth (MD)	From	To		30 - Aug - 2012	12:00	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
Surface Casing Open Hole				12.25				60.	250.		
Preset Conductor	Unknown		14.	13.344	50.		J-55	.	60.		
Surface Casing	Unknown		9.625	8.921	36.		J-55	.	250.		

### Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	9.625	1	5W
Float Shoe	9.625	1	HES	241	Bridge Plug					Bottom Plug			
Float Collar	9.625	1	HES	283	Retainer					SSR plug set			
Insert Float										Plug Container	9.625	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	

### Fluid Data

#### Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk

#### Stage/Plug #: 1

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	STANDARD	HALCEM (TM) SYSTEM (452986)	90.0	sacks	15.6	1.2	5.32		5.32
	2 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	5.319 Gal	FRESH WATER							
2	Standard Top Out Cement	CMT - STANDARD CEMENT (100003684)	200.0	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	19	Shut In: Instant		Lost Returns	0	Cement Slurry	19	Pad	
Top Of Cement	141.5	5 Min		Cement Returns	5	Actual Displacement	19	Treatment	
Frac Gradient		15 Min		Spacers	0	Load and Breakdown		Total Job	
Rates									
Circulating	2	Mixing	2	Displacement	3	Avg. Job	2		
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					

The Road to Excellence Starts with Safety

Sold To #: 340078	Ship To #: 2948147	Quote #:	Sales Order #: 9785916
Customer: ENCANA OIL & GAS (USA) INC. - EBUS		Customer Rep: Perry, Carey	
Well Name: Nattier 16H	Well #: 2	API/UWI #: 15-079-20693-0100	
Field:	City (SAP): NEWTON	County/Parish: Harvey	State: Kansas
Legal Description: Section 16 Township 24S Range 2E			
Contractor: Precision		Rig/Platform Name/Num: 207	
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well		Job Type: Cement Intermediate Casing	
Sales Person: DAIGLE, COLTER		Srvc Supervisor: WOODS, CORY	MBU ID Emp #: 420903

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
PERRY, KENNETH L	6.5	426829	WOODS, CORY C	6.5	420903			

### 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	Formation Depth (MD) Top	Bottom	Called Out	Date	Time	Time Zone
			On Location	02 - Sep - 2012	21:00	CST
Form Type		BHST	On Location	03 - Sep - 2012	02:40	CST
Job depth MD	3591. ft	Job Depth TVD	Job Started	03 - Sep - 2012	06:14	CST
Water Depth		Wk Ht Above Floor	Job Completed	03 - Sep - 2012	07:16	CST
Perforation Depth (MD) From		To	Departed Loc	03 - Sep - 2012	10:30	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				250.	3591.	.	.
Intermediate Casing	Unknown		7.	6.366	23.		N-80	.	3591.	.	3000.
Surface Casing	Unknown		9.625	8.921	36.		J-55	.	250.		

### Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	7	1	HWE
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	7	1	QL
Stage Tool										Centralizers	7	3	COMP

### 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 <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	MidCon-2 Standard	MIDCON-2 CEMENT STANDARD - SBM (15078)	100	sacks	11.4	2.89	17.84		17.84
	0.25 lbm	POLY-E-FLAKE (101216940)							
	17.838 Gal	FRESH WATER							
2	Standard	CMT - STANDARD CEMENT (100003684)	110	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							
Calculated Values		Pressures		Volumes					
Displacement	128.5	Shut In: Instant		Lost Returns	NO	Cement Slurry	74.5	Pad	
Top Of Cement	1582.58	5 Min		Cement Returns	0	Actual Displacement	128.5	Treatment	
Frac Gradient		15 Min		Spacers	0	Load and Breakdown		Total Job	203
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					

The Road to Excellence Starts with Safety

Sold To #: 340078	Ship To #: 2948147	Quote #:	Sales Order #: 9809256
Customer: ENCANA OIL & GAS (USA) INC. - EBUS		Customer Rep: Perry, Carey	
Well Name: Nattier 16H	Well #: 2	API/UWI #: 15-079-20693-0100	
Field:	City (SAP): NEWTON	County/Parish: Harvey	State: Kansas
Legal Description: Section 16 Township 24S Range 2E			
Contractor: Precision		Rig/Platform Name/Num: 207	
Job Purpose: Cement Production Liner			
Well Type: Development Well		Job Type: Cement Production Liner	
Sales Person: DAIGLE, COLTER		Srcv Supervisor: UNDERWOOD, BILLY MBU ID Emp #: 159068	

**Job Personnel**

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CRAWFORD, ANDREW B	12	480612	SMITH, CHAD R	10	523862	TERRY, STACY Glen	12	373291
UNDERWOOD, BILLY Dale	12	159068						

**Equipment**

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10714253C	165 mile	10857010	165 mile	11706678	165 mile	12003765	165 mile
NA	165 mile						

**Job Hours**

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
9-12-12	1.5	0	9-13-12	10.5	1.3			
<b>TOTAL</b>			<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
				On Location	12 - Sep - 2012	16:00	CST
Form Type			BHST	On Location	12 - Sep - 2012	22:30	CST
Job depth MD	7206. ft		Job Depth TVD	2999. ft	Job Started	13 - Sep - 2012	08:10
Water Depth			Wk Ht Above Floor		Job Completed	13 - Sep - 2012	09:30
Perforation Depth (MD)	From		To		Departed Loc	13 - Sep - 2012	10:15

**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
Production Liner Open Hole				6.125				3591.	7206.	3000.	2999.
Intermediate Casing	Unknown		7.	6.366	23.		N-80	.	3591.	.	3000.
Production Liner	New		4.5	4.	11.6	Unknown	P-110	3291.	7206.	3000.	2999.
Drill Pipe	New		3.5	2.992	10.2	Unknown		.	3291.	.	.

**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**

<b>Stage/Plug #: 1</b>
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Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Rig Water		60.00	bbl	8.33	.0	.0	.0	
2	50/50 POZ STANDARD ( w/ 2% extra gel)	ECONOCEM (TM) SYSTEM (452992)	395.0	sacks	13.6	1.53	7.41		7.41
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	2 %	BENTONITE, BULK (100003682)							
	7.41 Gal	FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement	95	Shut In: Instant		Lost Returns		Cement Slurry	107	Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement	94	Treatment	
Frac Gradient		15 Min		Spacers	60	Load and Breakdown		Total Job	261
Rates									
Circulating	5	Mixing	5	Displacement	5	Avg. Job	5		
Cement Left In Pipe	Amount	84 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
<b>The Information Stated Herein Is Correct</b>				Customer Representative Signature					