



02054213

Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303)894-2100 Fax: (303)894-2109



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JAN 22 2009
COGCC

DRILLING COMPLETION REPORT

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

Complete the Attachment Checklist

OP OGCC

1. OGCC Operator Number: 100322
 2. Name of Operator: Noble Energy Inc.
 3. Address: 1625 Broadway, Suite 2200
 City Denver State: CO Zip: 80202
 4. Contact Name: Kate Shirley
 Phone: 303-228-4449
 Fax: (303) 228-4280

5. API Number 05-045-15471-00 6. County: Garfield
 7. Well Name: Battlement Mesa Well Number: 36-23C
 8. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWSW, Sec. 36, T7S, R95W, 6TH P.M.
 Footage at surface: 2058-2051 S W 775-795 S W
 As Drilled Latitude: 39.392162 As Drilled Longitude: -107.952766
 GPS Data:

Logs		
Directional Survey**		
DST Analysis		
Core Analysis		
Cmt summary*		<input checked="" type="checkbox"/>

Date of Measurement: 6/23/2008 PDOP Reading: 1.9 GPS Instrument Operator's Name: Robert Wood
 ** If directional, footage at Top of Prod. Zone Sec, Twp, Rng
 ** If directional, footage at Bottom Hole Sec, Twp, Rng

9. Field Name: Parachute 10. Field Number 67350
 11. Federal, Indian or State Lease Number: _____

15. Well Classification
 Dry Oil Gas
 Coalbed Disposal
 Stratigraphic
 Enhanced Recovery
 Gas Storage
 Observation
 Other: LOST HOLE

12. Spud Date: (when the 1st bit hit the dirt) 6/27/2008 13. Date TD: 7/11/2008 14. Date Casing Set or D&A: 7/13/2008 D&A

16. Total Depth MD 3,350' TVD** _____
 17. Plug Back Total Depth MD SURFACE TVD** _____

18. Elevations GR 8,901' KB 8,921'
 One paper copy of all electric and mud logs must be submitted, along with one digital LAS copy as available.

19. List Electric Logs Run: NONE

CASING, LINER and CEMENT

*If Cement Bond Log was not run, submit contractor's cement job summary for each string cemented

String	Hole Size	Csg/Liner Size	Csg/Liner Top	Csg/Tool Setting Depth	Number of sacks cmt	Cement Top	Cement Bottom	CBL*	Calculated*
Conductor	20"	16"	0	100'	50 Sks	0	100'	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Surface								<input type="checkbox"/>	<input type="checkbox"/>
Production								<input type="checkbox"/>	<input type="checkbox"/>
Stage, Squeeze, Remedial Cement Job								<input type="checkbox"/>	<input type="checkbox"/>
Stage, Squeeze, Remedial Cement Job								<input type="checkbox"/>	<input type="checkbox"/>
Stage, Squeeze, Remedial Cement Job								<input type="checkbox"/>	<input type="checkbox"/>
Liner								<input type="checkbox"/>	<input type="checkbox"/>
Liner								<input type="checkbox"/>	<input type="checkbox"/>

FORMATION LOG INTERVALS AND TEST ZONES

FORMATION NAME	Measured Depth		Check if applies	
	Top	Bottom	DST	Cored

All DST and Core Analyses must be submitted to COGCC

COMMENTS
The Drilling Department has decided to P&A the well because they were unable to drill past the boulders.

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.
 Print Name: Kate Shirley E-mail: kshirley@nobleenergyinc.com
 Signature: Kate Shirley Title: Regulatory Specialist Date: 1/19/2009

Andrews, David

From: TMcNutt@nobleenergyinc.com
Sent: Thursday, February 04, 2010 9:53 AM
To: Andrews, David
Cc: SSchellenbaum@nobleenergyinc.com; KMiller@nobleenergyinc.com
Subject: Battlement Mesa 36-23C
Attachments: BM 36-23C-cement ticket.pdf

TO: David Andrews, West Region Engineering Supervisor, Rifle, CO - 970-456-5262

RE: Battlementn Mesa 36-23C API 05-045-15471

Hi Dave,

Please see the attached cement ticket per your phone conversation with Kate Shirley, yesterday.

Noble drilled and set conductor at 100'. Noble then used a 14 3-4" bit to drill down to 3,350' that stayed as an open hole.

Please let us know if you have any further questions.

Thank you

Tania McNutt
Noble Energy
Piceance Basin- Regulatory
303-228-4392

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LOST CIRCULATION CMT TICKETS
HALLIBURTON (SUBSEQUENTLY
 DRILLED OUT)

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 345242	Ship To #: 2662188	Quote #:	Sales Order #: 5994846
Customer: NOBLE ENERGY INC E-BUSINESS		Customer Rep: ELLISTON, ROY	
Well Name: BM	Well #: 36-23C	API/UWI #: 05-045-15471	
Field:	City (SAP): UNKNOWN	County/Parish: Garfield	State: Colorado
Lat: N 39.392 deg. OR N 39 deg. 23 min. 31.736 secs.		Long: W 107.953 deg. OR W -108 deg. 2 min. 50.284 secs.	
Job Purpose: Plug-Lost Circulation Service			
Well Type: Development Well		Job Type: Plug-Lost Circulation Service	
Sales Person:		Srvc Supervisor: FEUERBORN, JOHN	MBU ID Emp #: 381677

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BANKS, BRENT A		371353	FEUERBORN, JOHN William		381677	HUCKABAY, KEN		388136
LOWE, ERIC Sean		299445	WOOLERY, JEREMY		368214			

Equipment

HES Unit #	Distance-1 way						
10011429	60 mile	10038849C	60 mile	10086132C	60 mile	10565341	60 mile
10710872	60 mile	10719771	60 mile	10804487	60 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
6-28-08	2	0	6-29-08	19	3			

TOTAL Total is the sum of each column separately

Job				Job Times			
Formation Name	Formation Depth (MD) Top	Bottom	Form Type	Called Out	Date	Time	Time Zone
	189. ft		BHST	On Location	28 - Jun - 2008	22:00	CST
			Job depth MD	Job Started	29 - Jun - 2008	00:49	CST
			Water Depth	Job Completed	29 - Jun - 2008	18:13	CST
			Perforation Depth (MD) From	Departed Loc			
			To				

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
open hole				14.75					400.		

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	

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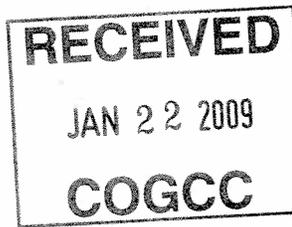
COGCC

HALLIBURTON

Cementing Job Summary

Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	water spacer			bbl	.	.0	.0	.0		
2	Tail Cement	PLUGCEM (TM) SYSTEM (452969)	400.0	sacks	15.8	1.16	5.0			
3	displacement			bbl	.	.0	.0	.0		
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 @	
The Information Stated Herein Is Correct					Customer Representative Signature					

HALLIBURTON



Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 345242	Ship To #: 2662188	Quote #:	Sales Order #: 5994846
Customer: NOBLE ENERGY INC E-BUSINESS		Customer Rep: ELLISTON, ROY	
Well Name: BM	Well #: 36-23C	API/UWI #: 05-045-15471	
Field:	City (SAP): UNKNOWN	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat: N 39.392 deg. OR N 39 deg. 23 min. 31.736 secs.		Long: W 107.953 deg. OR W -108 deg. 2 min. 50.284 secs.	
Contractor:		Rig/Platform Name/Num: PATTERSON 166	
Job Purpose: Plug-Lost Circulation Service			Ticket Amount:
Well Type: Development Well		Job Type: Plug-Lost Circulation Service	
Sales Person:		Srvc Supervisor: FEUERBORN, JOHN	MBU ID Emp #: 381677

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Depart Yard Safety Meeting	06/28/2008 21:00							
Crew Leave Yard	06/28/2008 21:05							
Arrive At Loc	06/28/2008 22:00							
Safety Meeting - Assessment of Location	06/28/2008 22:10							
Other	06/28/2008 22:20							SPOT EQUIPMENT
Pre-Rig Up Safety Meeting	06/28/2008 22:30							
Rig-Up Equipment	06/28/2008 22:35							
Pre-Job Safety Meeting	06/29/2008 00:20							
Start Job	06/29/2008 00:46							FIRST PLUG BOTTOM OF HOLE 159'
Test Lines	06/29/2008 00:49					2000.0		
Pump Spacer 1	06/29/2008 00:53		0.5	4		10.0		H2O
Pump Tail Cement	06/29/2008 01:00		3	10.3		70.0		50sks PUMPED AT 15.8ppg
Pump Displacement	06/29/2008 01:04		1	2		10.0		H2O
Shutdown	06/29/2008 01:05							RIG STINGS OUT
Start Job	06/29/2008 04:26							SECOND PLUG BOTTOM OF HOLE AT 154'
Pump Spacer 1	06/29/2008 04:27		0.5	2		10.0		H2O
Pump Tail Cement	06/29/2008 04:34		3	10.3		60.0		50sks PUMPED AT 15.8ppg

Sold To #: 345242 Ship To #: 2662188 Quote #: Sales Order #: 5994846

SUMMIT Version: 7.20.130

Sunday, June 29, 2008 11:17:00

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Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	06/29/2008 04:39		3	2			60.0	H2O
Shutdown	06/29/2008 04:41							RIG STINGS OUT
Pre-Job Safety Meeting	06/29/2008 07:30							MEETING WITH RIG DAY CREW AFTER SHIFT CHANGE
Start Job	06/29/2008 08:04							THRID PLUG BOTTOM OF HOLE AT 99'
Pump Spacer 1	06/29/2008 08:05		0.5	2			10.0	H2O
Pump Tail Cement	06/29/2008 08:11		3	10.3			60.0	50sks PUMPED AT 15.8ppg
Pump Displacement	06/29/2008 08:16		3	2			10.0	H2O
Shutdown	06/29/2008 08:17							
Start Job	06/29/2008 09:22							MOUSE HOLE TOP PUT THRU 1" PIPE
Pump Spacer 1	06/29/2008 09:23		2	15			150.0	H2O
Pump Tail Cement	06/29/2008 10:09		2	10.3			200.0	50sks PUMPED AT 16.5ppg
Pump Displacement	06/29/2008 10:09		2	2			150.0	H2O
Shutdown	06/29/2008 10:09							STING OUT
Start Job	06/29/2008 13:46							MOUSE HOLE TOP OUT 2
Pump Spacer 1	06/29/2008 13:47		2	2			25.0	H2O
Pump Tail Cement	06/29/2008 13:50		2	10.3			250.0	50sks PUMPED AT 16.5ppg
Pump Displacement	06/29/2008 13:59		2	2			25.0	H2O
Shutdown	06/29/2008 14:03							STING OUT
Start Job	06/29/2008 16:44							FOURTH PLUG JOB
Pump Spacer 1	06/29/2008 16:45		2	2			10.0	H2O
Pump Tail Cement	06/29/2008 16:50		2	10.3			78.0	50sks PUMPED AT 16.5
Pump Displacement	06/29/2008 16:55		2	2			10.0	H2O

Sold To #: 345242

Ship To #: 2662188

Quote #:

Sales Order #:

5994846

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Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Shutdown	06/29/2008 16:57							
Start Job	06/29/2008 17:37							THRID MOUSE HOLE TOP OUT
Pump Spacer 1	06/29/2008 17:38		2	2			60.0	H2O
Pump Tail Cement	06/29/2008 17:41		2	20.6			240.0	100 sks PUMPED AT 15.8ppg
Pump Displacement	06/29/2008 18:00		2	2			60.0	H2O
Shutdown	06/29/2008 18:02							TAGGED CEMENT AT 50 FEET AT 22:30
Start Job	06/29/2008 22:49							FITH PLUG
Pump Spacer 1	06/29/2008 22:50		2	2			10.0	H2O
Pump Tail Cement	06/29/2008 22:50		2	20.6			75.0	100sks PUMPED AT 15.8ppg
Pump Displacement	06/29/2008 22:50		2	2			10.0	H2O
Shutdown	06/29/2008 22:50							TAGGED CEMENT AT 40 FEET AT 22:20
Pre-Rig Down Safety Meeting	06/29/2008 22:50							USED TOTAL 550sks CEMENT AND 4 BOXES OF TUFF FIBER

Sold To # : 345242

Ship To # :2662188

Quote # :

Sales Order # :

5994846

SUMMIT Version: 7.20.130

Sunday, June 29, 2008 11:17:00

LOST CIRCULATION CMT TICKETS

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Field Ticket

Field Ticket Number: 6006053	Field Ticket Date: Thursday, July 03, 2008
Job To: NOBLE Job To: NOBLE ENERGY INC E-BUSINESS BM, 36-23, 2664127 UNKNOWN	Job Name: BM 36-23 Order Type: Streamline Order (ZOH) Well Name: BM 36-23 Company Code: 1100 Customer PO No.: NA Shipping Point: Grand Junction, CO, USA Sales Office: Rocky Mountains BD Well Type: Well Category:

Item	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
14097	CMT PLUG LOST CIRCULATION BOM	1	JOB	0.00	0.00	0.00		0.00
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT Number of Units	60 1	MI	0.00	9.79	587.40	67%	193.84
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON Number of Units	60 1	MI	0.00	0.57	34.20		34.20
2	MILEAGE FOR CEMENTING CREW,ZI Number of Units	60 1	MI	0.00	5.76	345.60	67%	114.05
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON Number of Units	60 1	MI	0.00	0.19	11.40		11.40
372867	Cmt PSL - DOT Vehicle Charge, CMT	5	EA	0.00	241.00	1,205.00		1,205.00
16094	PLUG BACK/SPOT CEMENT OR MUD,ZI DEPTH FEET/METERS (FT/M) Variants condition	1 90 0	EA FT	0.00	6,065.00	6,065.00	67%	2,001.45
16096	Plugging Back, EA ADD HR, ZI HOURS	1 14	EA	0.00	1,071.00	14,994.00	67%	4,948.02
139	ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI NUMBER OF UNITS	1 1	JOB	0.00	2,275.00	2,275.00	67%	750.75
132	PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI NUMBER OF DAYS	1 1	JOB	0.00	1,649.00	1,649.00	67%	544.17
7	ENVIRONMENTAL SURCHARGE,/JOB,ZI	1	JOB	0.00	134.00	134.00		134.00
8	IRON SAFETY INSPECTION SURCHARGE /JOB Z	1	JOB	0.00	83.00	83.00		83.00

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
76400	ZI MILEAGE, CMT MTLs DELVRET MIN NUMBER OF TONS	60 21.6	MI	0.00	3.35	4,341.60	67%	1,432.73
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES NUMBER OF TONS	60 21.6	MI	0.00	0.19	246.24		246.24
3965	HANDLE&DUMP SVC CHRg, CMT&ADDITIVES, ZI NUMBER OF EACH	466 1	CF	0.00	5.49	2,558.34	67%	844.25
452969	PLUGCEM (TM) SYSTEM	450	SK			21,769.00	67%	7,183.77
12199	SUPERFLUSH 101	420	GAL	0.00	6.79	2,851.80	67%	941.09
5	DELIVERY CHG, MTL&EQP, F/HO UNITS ZI Number of Units	1 5	H	0.00	321.00	1,605.00	67%	529.65
138313	DELIVERY CHG, MTLs&EQP, F/HO UNITS, ZI Number of Units	60 1	MI	0.00	9.79	587.40	67%	193.84
Totals USD						61,342.98	39,951.53	21,391.45

Halliburton Rep: JOHN TYNES
Customer Agent:
Halliburton Approval

THIS OUTPUT DOES NOT INCLUDE TAXES. APPLICABLE SALES TAX WILL BE BILLED ON THE FINAL INVOICE.
CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ABOVE AND ON THE ATTACHED DOCUMENTS.

FIELD TICKET TOTAL USD 21,391.45

X
Customer Signature

Customer Information Only	
AFE Number	
Lease/Well Number	
Operation Category	

WELL NAME & NO B M 36-23C	
AFE NO 122957	
ACTG CODE 1117	
DOLLAR TOTAL BEING APPVD 21,391.45	
1st LEVEL APPROVAL	DATE
Clifford Kester	7-3-08
2nd LEVEL APPROVAL	DATE
MAIL TO: NOBLE ENERGY INC. ATTN: ACCOUNTING 1625 BROADWAY, SUITE 2000 DENVER, CO 80202 NO INVOICE WILL BE PAID W/O ALL APPROVED SIGNATURE FIELD TICKETS	

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