



KANSAS CORPORATION COMMISSION 1056549
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33190
Name: Noble Energy, Inc.
Address 1: 1625 Broadway, Ste 2200
Address 2: _____
City: DENVER State: CO Zip: 80202 + _____
Contact Person: Cheryl Johnson
Phone: (303) 228-4437
CONTRACTOR: License # 8273
Name: Excell Services, LLC
Wellsite Geologist: None
Purchaser: _____

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____
02/08/2011 02/10/2011 04/29/2011
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-181-20574-00-00
Spot Description: _____
NW SE NW NW Sec. 6 Twp. 6 S. R. 39 East West
835 Feet from North / South Line of Section
775 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Sherman
Lease Name: Bucholtz Well #: 11-6
Field Name: Goodland
Producing Formation: Niobrara
Elevation: Ground: 3575 Kelly Bushing: 3588
Total Depth: 1567 Plug Back Total Depth: 1492
Amount of Surface Pipe Set and Cemented at: 376 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 0 ppm Fluid volume: 0 bbls
Dewatering method used: Evaporated
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Letter of Confidentiality Received
Date: _____

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: _____ Date: 06/17/2011



1056549

Operator Name: Noble Energy, Inc. Lease Name: Bucholtz Well #: 11-6
 Sec. 6 Twp. 6 S. R. 39 East West County: Sherman

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Niobrara	1328	
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Submitted Electronically (If no, Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run: Triple Combo, CBL/CCL/GR				

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	9.875	7	17	376	50/50 POZ	176	3% CaCl 2% Gel
Production	6.25	4.5	11.6	1533	50/50 POZ	95	12% Gel 2% CaCl

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	1317-1350 Intervals	500 gal 7.5% HCL; 114 bbls MAV-100 gelled water pad;	
	(33' 99 holes) .410 EH 120 Deg	370 bbls MAV-100 gelled water w/50,060# 16/30 Daniels	
		sand & 50,020# 12/20 Texas Gold Sand. Flush w/8 bbls	
		MAV-100 gelled water.	

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. 06/01/2011	Producing Method: <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls. 0	Gas Mcf 69	Water Bbls. 0	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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BISON

Bison Oil Well Cementing Inc.
 1738 Wynkoop St.
 Suite 102
 Denver, CO 80202
 303-296-3010

Invoice

Date	Invoice #
2/8/2011	9167

Bill To
Excell Services, LLC 36629 US HIGHWAY 385 Wmny, CO 80758

		Location	Well Name & No.	Terms	Rig
		Stenton, KS	Bucholtz 11-6	Net 30	
Item	Description	Qty	U/M	Rate	Amount
Pump surface	PUMP Charge-surface pipe	1		1,400.00	1,400.00
MILEAGE	Milage charge	188		3.00	564.00
	Subtotal of Services				1,964.00
Centralizer 7"	Centralizer 7"	1		77.50	77.50
B3-Lite Discount	50/50 Poz (3%) Discount	176	Sack	16.00	2,816.00
	Subtotal of Materials			-281.60	2,611.90
					4,575.90

Please Remit Invoices To:

Bison Oil Well Cementing, Inc.
 P.O. Box 29671
 Thornton, CO 80229

Subtotal	\$4,575.90
Sales Tax (7.55%)	\$205.80
Total	\$4,781.70
Balance Due	\$4,781.70

x 110%
 \$ 5259.87

RECEIVED

FEB 18 2011

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
 Denver, Colorado 80202
 Phone: 303-298-3010
 Fax: 303-298-8143
 E-mail: bisonoil1@qwestoffice.net

REF. INVOICE # 9167
 LOCATION St Francis ks
 FOREMAN Justin Cricklaw

TREATMENT REPORT

DATE 2-8-11	WELL NAME Bucholtz 11-6	SECTION 6	TWP 6S	RGE 39W	COUNTY Sherman	FORMATION
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CHARGE TO Excell	WORKER
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR
STATE ZIP CODE	DISTANCE TO LOCATION 94
TIME ARRIVED ON LOCATION 6:15pm 2-8-11	TIME LEFT LOCATION 1:30pm 2-9-11

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 4 7/8"	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH 381	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS (O/W)		
	TUBING WEIGHT	OPEN HOLE	STUBS		
CASING SIZE 7"	TUBING CONNECTION		INDRS		
CASING DEPTH 375	PB335	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 17	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN (BPM)	
CASING CONDITION good			<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM	
			<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM	
			<input type="checkbox"/> ACID (BREAKDOWN)	MINIMUM BPM	
			<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM	
			<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM	
			<input type="checkbox"/> MISC PUMP		
			<input type="checkbox"/> OTHER	IWD TRIP = RATE X PRESSURE X 4.0Lb	

PRESSURE SUMMARY			TREATMENT RATE		
BREAKDOWN or CIRCULATING (psi)	AVERAGE (psi)		<input type="checkbox"/> SQUEEZE CEMENT	BREAKDOWN (BPM)	
FINAL DISPLACEMENT (psi)	ISIP (psi)		<input type="checkbox"/> ACID (BREAKDOWN)	INITIAL BPM	
ANNULUS (psi)	5 MDI SIP (psi)		<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM	
MAXIMUM (psi)	15 MDI SIP (psi)		<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM	
MINIMUM (psi)			<input type="checkbox"/> MISC PUMP		
			<input type="checkbox"/> OTHER	IWD TRIP = RATE X PRESSURE X 4.0Lb	

INSTRUCTIONS PRIOR TO JOB **MERU Safety Circ MHP 176 sks of B3 Lite yield of 1.13**
Mix 20 bbls of H2O w/ H2O rep 4.78 gal/sks @ 15.2 lbs Displace 13.5 bbls of H2O shut in

Annulus 2647 Capacity 10415

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS **MERU Safety Circ MHP Displace shut in**
6:15pm 2:45am 4:00am 12:15pm 12:45pm 1:08pm

Cemented up Cement tab

Displace

1:02pm 10 100
1:06pm 13.5 100

6 bbls to pit
Dehouse water Temp 33°F

[Signature] AUTHORIZED TO PROCEED *[Signature]* TITLE **2-9-11** DATE

Customers hereby acknowledge and specifically agree to the terms and conditions on this work order, including, without limitation, the provisions on the reverse side thereof which include the release and indemnity.



BISON

Bison Oil Well Cementing Inc.
 1738 Wynkoop St.
 Suite 102
 Denver, CO 80202
 303-296-3010

Invoice

Date	Invoice #
2/10/2011	9171

PC
Dime

Bill To
Excel Services, LLC 36629 IJS HIGHWAY 385. Wmy, CO 80758

		Location	Well Name & No.	Terms	Rig
		Sheridan, KS	Bucholtz 11-6	Net 30	
Item	Description	Qty	U/M	Rate	Amount
Pump-long string	PUMP charge-long string.	1		2,000.00	2,000.00
MILEAGE	Mileage charge	188		3.00	564.00
	Subtotal of Services				2,564.00
Centrilizer 4.5'	4 1/2 Centrilizer	8		42.00	336.00
Floor Shoe 4 1/2'	Floor Shoe 4 1/2'	1		283.00	283.00
LD Plug 4 1/2'	LD Plug & Baffle - 4 1/2'	1		253.00	253.00
N-Gel-12	Lead 12lb	39	Sack	16.00	624.00
Discount	Discount			-62.40	-62.40
BC-Lite	Tail 13.8 lb/gal 50/50 Poz	56	Sack	16.00	896.00
Discount	Discount			-89.60	-89.60
	Subtotal of Materials				2,242.00
					4,806.00

Please Remit Invoices To:

Bison Oil Well Cementing, Inc.
 P.O. Box 29671
 Thornton, CO 80229

Subtotal	\$4,806.00
Sales Tax (7.55%)	\$175.74
Total	\$4,981.74
Balance Due	\$4,981.74

x 110 90
 \$ 5,479.91

RECEIVED
 FEB 18 2011

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
 Denver, Colorado 80202
 Phone: 303-296-3010
 Fax: 303-298-8143
 E-mail: bisonoil@gwesoiloffice.net

REF. INVOICE # 9171
 LOCATION St Francis 158
 FOREMAN Justin C. Cribshaw

TREATMENT REPORT

DATE	WELL NAME	SECTION	IWP	RGE	COUNTY	FURNISHING
2-10-11	Bucholtz 11-6	6	65	39W	Sherman	

CHANGE TO <u>Excell</u>	OUTOFF
MAILING ADDRESS	OPERATOR
CITY	CONTINUATION
STATE ZIP CODE	INSTRANCE TO LOCATION <u>74</u>
TIME ARRIVED ON LOCATION <u>3:05 PM</u>	TIME LEFT LOCATION <u>6:30 PM</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>6 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>1567</u>	TUBING DEPTH	SHOTS/FT	SURFACE TYPE ANNULUS LOSS		
	TUBING WEIGHT	OPEN HOLE	STUBING		
CASING SIZE <u>4 1/2</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>1533</u>	<u>PB 1470</u>	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>116</u>	PACKER DEPTH		<input type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING CONDITION <u>good</u>			<input checked="" type="checkbox"/> PRODUCTION CASING	INITIAL BPM	
			<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM	
			<input type="checkbox"/> ACID BREAKDOWN	INITIAL BPM	
			<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM	
			<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM	
			<input type="checkbox"/> ANSC PUMP		
			<input type="checkbox"/> OTHER	INITIAL BPM = RATE X PRESSURE X 40.8	

PRESSURE SUMMARY		
BREAKDOWN BY CIRCULATING <u>psi</u>	AVERAGE <u>psi</u>	pH
FINAL DISPLACEMENT <u>psi</u>	ISP <u>psi</u>	psi
ANNULUS <u>psi</u>	5 MIN SIP <u>psi</u>	psi
MAXIMUM <u>psi</u>	15 MIN SIP <u>psi</u>	psi
MINIMUM <u>psi</u>		

INSTRUCTIONS PRIOR TO JOB MIRU - Safety Circ @ MHP 39 sks of N-gel-12 1/2 yield of 2.64 Mix 14.5
bbbs of H2O 7100 Rep 15.6 gal/sks @ 12 lbs @ MHP 56 sks of B6 Lite 1/2 yield of 1.35 Mix 13 bbbs
of H2O 7100 Rep 9.7 gal/sks @ 13.8 lbs Drilling Displace 23 bbbs of H2O

Annulus 1026 Capacity 10155

JOB SUMMARY

DESCRIPTION OF JOB EVENTS MIRU Safety Circ @ MHP @ MHP Drilling Displace
3:05 PM 4:50 AM 4:55 PM 5:00 PM 5:15 PM 5:38 PM 5:45 PM
Set @ 10:00 Held @ 1570

Displace

5:52 PM 10 200
6:01 PM 20 400
6:03 PM 23 1500

8 bbbs to P.T

Chouts
 AUTHORIZATION TO PROCEED

Field Rep
 TITLE

2-10-11
 DATE

Customer hereby acknowledges and specifically agrees to the terms and conditions on this work order, including, without limitation, the provisions on the reverse side hereof which include the release and indemnity.



KB: 6 Ft

Casing: 7 inch

Well Name: Bucholtz 11-6

Location: Sec 6, 6S, 39W, Sherman Co. K

Joint No.	Joint Length, Ft	Total Footage, Ft	Depth KB, Ft (base of jt)	Depth KB, Ft (top of jt)	W/ Grade	Description
	0.00	0.00			17	
1	42.51	42.51	-375.80	-333.29		Centralizer
2	41.76	84.27	-333.29	-291.53		
3	41.58	125.85	-291.53	-249.95		
4	37.95	163.80	-249.95	-212.00		
5	42.46	206.26	-212.00	-169.54		
6	35.82	242.08	-169.54	-133.72		
7	43.83	285.91	-133.72	-89.89		
8	41.88	327.79	-89.89	-48.01		
9	42.01	369.80	-48.01	-6.00		
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30						
31						
TOTAL		369.80				

Jts Ran 9
 Meas. 369.80
 Set @ 375.80
 Aprox TD @ 381
 Threads On 371.58



KB-GL: 11.8 J-55

Casing: 4.5 11.8 J-55

Well Name: Bucholtz 11-6 Location: Sec 6, 6S, 30W, Sherman Co, KS

Joint No.	Joint Length, Ft	Total Footage, Ft	Depth KB, Ft (base of jt)	Depth KB, Ft (top of jt)	WU Grade	Description
	0.92	0.92	-1533.48	-1532.56		AFU SHOE
1	42.18	43.10	-1532.56	-1490.38	11.6#J-55	Centralizer & Latch
2	42.21	85.31	-1490.38	-1448.17		Centralizer
3	41.62	126.93	-1448.17	-1406.55		Centralizer
4	42.11	169.04	-1406.55	-1364.44		Centralizer
5	42.18	211.22	-1364.44	-1322.26		Centralizer
6	41.52	252.74	-1322.26	-1280.74		Centralizer
7	41.57	294.31	-1280.74	-1239.17		Centralizer
8	41.28	335.59	-1239.17	-1197.89		Centralizer
9	43.00	378.59	-1197.89	-1154.89		
10	41.29	419.88	-1154.89	-1113.60		
11	43.58	463.44	-1113.60	-1070.04		
12	41.05	504.49	-1070.04	-1028.99		
13	43.21	547.70	-1028.99	-985.78		
14	42.48	590.18	-985.78	-943.90		
16	42.12	632.30	-943.90	-901.18		
16	42.10	674.40	-901.18	-859.08		
17	42.15	716.55	-859.08	-818.93		
18	42.12	758.67	-818.93	-774.81		
19	42.18	800.83	-774.81	-732.65		
20	42.02	842.85	-732.65	-690.63		
21	42.18	885.01	-690.63	-648.47		
22	42.11	927.12	-648.47	-606.36		
23	42.10	969.22	-606.36	-564.28		
24	42.17	1011.39	-564.28	-522.09		
25	42.15	1053.54	-522.09	-479.94		
26	42.18	1095.70	-479.94	-437.78		
27	42.15	1137.85	-437.78	-395.63		
28	42.17	1180.02	-395.63	-353.46		
29	42.14	1222.16	-353.46	-311.32		
30	42.20	1264.36	-311.32	-269.12		
31	42.30	1306.66	-269.12	-226.82		
32	42.14	1348.80	-226.82	-184.68		
33	42.19	1390.99	-184.68	-142.49		
34	45.48	1436.47	-142.49	-97.01		
35	45.51	1481.98	-97.01	-51.50		
36	45.50	1527.48	-51.50	-6.00		
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85						
TOTAL		1527.48				

JTs Ran 96
 Meas w/shoe 1527.48
 Set @ 1533.48
 PBD @ 1490.38
 Threads On 1534.44