



KANSAS CORPORATION COMMISSION 1059448
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: NA
Purchaser:

Designate Type of Completion:

- New Well Re-Entry Workover
 Oil WSW SWD SIOW
 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 #:

04/21/2011	04/22/2011	06/03/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-023-21311-00-00
Spot Description:
SW SW NE SE Sec. 32 Twp. 5 S. R. 39 East West
1466 Feet from North / South Line of Section
1200 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Cheyenne
Lease Name: R Zwegardt Well #: 43-32B
Field Name:
Producing Formation: Niobrara
Elevation: Ground: 3604 Kelly Bushing: 3610
Total Depth: 1564 Plug Back Total Depth: 1496
Amount of Surface Pipe Set and Cemented at: 385 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: Deanna Garrison Date: 07/12/2011



1059448

Operator Name: Noble Energy, Inc. Lease Name: R Zwegardt Well #: 43-32B
 Sec. 32 Twp. 5 S. R. 39 East West County: Cheyenne

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 <i>(Attach Additional Sheets)</i>	<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 Niobrara	Top 1343 Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<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	385	50/50 POZ	158	3% CaCl 2% Gel
Production	6.25	4.5	11.6	1542	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 <i>(Amount and Kind of Material Used)</i>	Depth
3	1338-1366 perf intervals	500 gal 7.5% HCL acid; 114 bbls MAV-100 gelled water pad; 256 bbls	
	(28' 84 holes) .410 EH 120 Deg	MAV-100 gelled water w/50,220# 16/30 Daniels Sand & 50,060# 12/20	
		Daniels Sand. Flush w/8.3 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. 06/17/2011		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 70	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 <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
 Denver, Colorado 80202
 Phone: 303-296-3010
 Fax: 303-296-8125
 E-mail: bisonoil1@questoffice.net

REF. INVOICE # 9950

LOCATION St Francis KS

FOREMAN Justin Crinklaw

TREATMENT REPORT

DATE <u>4-22-11</u>	WELL NAME <u>RZweygard 43-32B</u>	SECTION <u>32</u>	TWP <u>S S</u>	RGE <u>39 W</u>	COUNTY <u>Cheyenne</u>	FORMATION
CHARGE TO <u>Excell</u>		OWNER				
MAILING ADDRESS		OPERATOR				
CITY		CONTRACTOR <u>Excell Rig 2</u>				
STATE ZIP CODE		DISTANCE TO LOCATION <u>88</u>				
TIME ARRIVED ON LOCATION <u>9:45am</u> <u>to 10:45am</u>		TIME LEFT LOCATION				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>6 7/8</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>1564</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
	TUBING WEIGHT	OPEN HOLE	STRING		
GASING SIZE <u>7 1/2</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>1541</u>	<u>PB 1495</u>	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>11.6</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	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	HYD NHP = RATE X PRESSURE X 20.8	

PRESSURE SUMMARY			
BREAKDOWN or CIRCULATING : psi	AVERAGE : psi		
FINAL DISPLACEMENT : psi	ISIP : psi		
ANNULUS : psi	5 MIN SIP : psi		
MAXIMUM : psi	15 MIN SIP : psi		
MINIMUM : psi			

INSTRUCTIONS PRIOR TO JOB MIRU Safety Circ MAP 40sks of N-gel 12 1/2 yield of 2.64 mix 15 bbls H₂O @ 15.6 gal/sks @ 12.185 @ MAP 56sks of B.G. Lite yield of 1.35 mix 13 bbls of H₂O @ 9.7 gal/sks @ 13.8 lbs Dropplug Displace 23.1 bbls of H₂O

Annulus 1026 Capacity 10155 20% excess as per Sam

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS MIRU Safety Circ MAP MAP Dropplug Displace Set

<u>9:45am</u>	<u>10:40am</u>	<u>10:45am</u>	<u>10:55am</u>	<u>11:00am</u>	<u>11:09am</u>	<u>11:32am</u>	<u>11:30</u>
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11:16am 10 390
11:21am 20 640
11:26am 23 1090

9 bbls to PT

Sam Clark Field Rep 4-22-11
 AUTHORIZATION TO PROCEED TITLE DATE

Customers 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: R. Zwegardt 43-32B | Location: Sec 32, 5S, 39W, Cheyenne Co.

Joint No.	Joint Length, Ft	Total Footage, Ft	Depth KB, Ft (base of jt)	Depth KB, Ft (top of jt)	Wt/ Grade	Description
	0.00	0.00			17	
1	44.58	44.58	-385.21	-340.63		Centralizer
2	34.72	79.30	-340.63	-305.91		
3	44.33	123.63	-305.91	-261.58		
4	43.91	167.54	-261.58	-217.67		
5	43.50	211.04	-217.67	-174.17		
6	44.36	255.40	-174.17	-129.81		
7	43.55	298.95	-129.81	-86.26		
8	36.36	335.31	-86.26	-49.90		
9	43.90	379.21	-49.90	-6.00		
10						
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26						
27						
28						
29						
30						
31						
TOTAL	379.21					

Jts Ran 9
 Meas. 379.21
 Set @ 385.21
 Aprox TD @ 390
 Threads On 380.99

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
 Denver, Colorado 80202
 Phone: 303-296-3010
 Fax: 303-296-8143
 E-mail: bisonoil1@qwestoffice.net

REF. INVOICE # 9949

LOCATION St Francis ks

FOREMAN Justin Crinklow

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
4-21-11	R. Zwegardt 43-32B	32	55	39W	Cheyenne	

CHANGE TO <u>Excell</u>	OWNER
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR <u>Excell Rig 2</u>
STATE ZIP CODE	INSTANCE TO LOCATION <u>88</u>
TIME ARRIVED ON LOCATION <u>1:15pm</u>	TIME LEFT LOCATION <u>3:15</u>
	<u>Rep 2:00pm</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>9 7/8"</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>390</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIP/ ANNULUS LONG		
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>7"</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>385</u>	<u>PB345</u>	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>17</u>	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING CONDITION <u>good</u>			<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	HYD HHP = RATE X PRESSURE X 40.8	

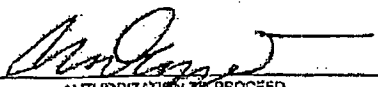
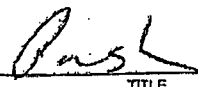
PRESSURE SUMMARY			
BREAKDOWN or CIRCULATING	psi	AVERAGE	psi
FINAL DISPLACEMENT	psi	15IP	psi
ANNULUS	psi	5-MIN SIP	psi
MAXIMUM	psi	15 MIN SIP	psi
MINIMUM	psi		

INSTRUCTIONS PRIOR TO JOB MTRU Safety Circ MAP 158 sks of B3 Lite 4/ yield of 1/13 mix 18 bbls of H₂O 4/ H₂O Rep 4.78 gal/sks @ 15.2 lbs Dropping Displace 14.8 bbls of H₂O

Annulus 2647 Capacity .0915 75% excess as per Mark

JOB SUMMARY						
DESCRIPTION OF JOB EVENTS	<u>MTRU Safety Circ</u>	<u>MAP</u>	<u>Dropping</u>	<u>Displace</u>	<u>Shutin</u>	
	<u>1:15pm</u>	<u>2:08pm</u>	<u>2:12pm</u>	<u>2:14pm</u>	<u>2:32pm</u>	<u>2:34pm</u>
					<u>2:46pm 10.200</u>	
					<u>2:52pm 14.5 190</u>	

13 bbls to pit

 AUTHORIZATION TO PROCEED
 TITLE
4/21/11 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 but are not limited to, release and indemnity.



BISON

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

Invoice

Eni

Date	Invoice #
4/22/2011	9950

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

Location	Well Name & No.	Job Type	Terms	Rig	
Cheyenne, KS	RZweygart 40-32B	Langstring	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	176		3.00	528.00
	Subtotal of Services:				2,528.00
Centralizer 4 1/2"	Centralizer 4 1/2"	8		42.00	336.00
Float Shoe 4 1/2"	Float Shoe 4 1/2"	1		285.00	285.00
LD Plug-4 1/2"	LD Plug & Baffle-4 1/2"	1		253.00	253.00
N-Gel-12	Lead 12lb	40	Sack	16.50	660.00
Discount 10%	Discount 10%			-10.00%	-66.00
BG-Lite	Tail 13.8 lb/gal 50/50 Poz	56	Sack	16.50	924.00
Discount 10%	Discount 10%			-10.00%	-92.40
	Subtotal of Materials:				2,299.60
					4,827.60

Please Remit Invoices To:

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

Subtotal	\$4,827.60
Sales Tax (8.3%)	\$190.87
Total	\$5,018.47
Balance Due	\$5,018.47

X 11090
 \$ 5,520.32

RECEIVED
 APR 29 2011



BISON

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

Invoice

Date	Invoice #
4/21/2011	9949

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

Location	Well Name & No.	Job Type	Terms	Rig	
Cheyenne, KS	RZweygardt-43-32B	Surface	Net 30		
Item	Description	Qty	U/M	Rate	Amount
Pump surface	PUMP Charge-surface pipe		J	1,400.00	1,400.00
MILEAGE	Mileage charge	176		3.00	528.00
	Subtotal of Services				1,928.00
Centralizer 7"	Centralizer 7"	1		77.50	77.50
B3-Lite	50/50 Poz (3%)	158	Sack	16.50	2,607.00
Discount 10%	Discount 10%			-10.00%	-260.70
	Subtotal of Materials				2,423.80
					4,351.80

Please Remit Invoices To:

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

Subtotal	\$4,351.80
Sales Tax (8.3%)	\$201.17
Total	\$4,552.97
Balance Due	\$4,552.97

X 110%

\$5,008.27

RECEIVED

APR 29 2011



KB-GL: 6 FT

Casing: 4.5, 11.6 # J-55

Well Name: R. Zwegardt 43-32B

Location: Sec 32, 5S, 39W, Cheyenne Co, KS

Joint No.	Joint Length, Ft	Total Footage, Ft	Depth KB, Ft (base of J)	Depth KB, Ft (top of J)	WV Grade	Description
1	0.92	0.92	-1541.91	-1540.99		AFU SHOE
2	45.02	45.94	-1540.99	-1495.97	11.6#J-55	Centralizer & Latch
3	45.25	91.19	-1495.97	-1450.72		Centralizer
4	45.26	136.45	-1450.72	-1405.46		Centralizer
5	45.12	181.57	-1405.46	-1360.34		Centralizer
6	45.26	226.83	-1360.34	-1315.08		Centralizer
7	11.63	238.46	-1315.08	-1303.45		Centralizer
8	45.13	283.59	-1303.45	-1258.32		Centralizer
9	45.26	328.85	-1258.32	-1213.06		Centralizer
10	45.27	374.12	-1213.06	-1167.79		
11	45.25	419.37	-1167.79	-1122.54		
12	45.28	464.65	-1122.54	-1077.26		
13	45.29	509.94	-1077.26	-1031.97		
14	45.27	555.21	-1031.97	-986.70		
15	45.13	600.34	-986.70	-941.57		
16	44.91	645.25	-941.57	-896.66		
17	45.26	690.51	-896.66	-851.40		
18	45.05	735.56	-851.40	-806.35		
19	45.25	780.81	-806.35	-761.10		
20	42.02	822.83	-761.10	-719.08		
21	44.91	867.74	-719.08	-674.17		
22	42.03	909.77	-674.17	-632.14		
23	45.21	954.98	-632.14	-588.93		
24	45.24	1000.22	-588.93	-541.69		
25	45.26	1045.48	-541.69	-496.43		
26	44.94	1090.42	-496.43	-451.49		
27	44.93	1135.35	-451.49	-406.56		
28	45.25	1180.60	-406.56	-361.31		
29	42.05	1222.65	-361.31	-319.26		
30	45.25	1267.90	-319.26	-274.01		
31	45.24	1313.14	-274.01	-228.77		
32	44.99	1358.13	-228.77	-183.78		
33	42.00	1400.13	-183.78	-141.78		
34	45.29	1445.42	-141.78	-96.49		
35	45.24	1490.66	-96.49	-51.25		
36	45.25	1535.91	-51.25	-6.00		
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TOTAL	1535.91					

JTs Ran 35
 Meas w/shoe 1535.91
 Set @ 1541.91
 PBTD @ 1495.97
 Threads On 1542.65