



KANSAS CORPORATION COMMISSION 1070868
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 #: _____

8/22/2011	8/23/2011	9/1/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-023-21327-00-00

Spot Description: _____
SW NE NE NE Sec. 32 Twp. 3 S. R. 41 East West
375 Feet from North / South Line of Section
375 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Cheyenne

Lease Name: Zweygardt Well #: 41-32B

Field Name: _____

Producing Formation: Niobrara

Elevation: Ground: 3622 Kelly Bushing: 3628

Total Depth: 1632 Plug Back Total Depth: 1583

Amount of Surface Pipe Set and Cemented at: 280 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 Garcia Date: 02/07/2012



1070868

Operator Name: Noble Energy, Inc. Lease Name: Zweygart Well #: 41-32B
 Sec. 32 Twp. 3 S. R. 41 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Triple Combo CBU/CCL/GR	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Niobrara</td> <td>1422</td> <td></td> </tr> </table>	Name	Top	Datum	Niobrara	1422	
Name	Top	Datum					
Niobrara	1422						

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	280	50/50 POZ	130	3% CaCl, 2% gel
Production	6.25	4.5	10.5	1623	50/50 POZ	105	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	Perf interval: 1422-1460	Frac'd w/500 gals 7.5% HCl acid; 114 bbls Mav-100 gelled water pad;	
	(38' 114 holes) .410 EH 120 deg	256 bbls Mav-100 gelled water w/50,040# 16/30 Texas Gold sand &	
		50,000# 12/20 Texas Gold sand; 9 bbls Mav-100 gelled water flush.	

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. 9/12/2011	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 60	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: 1422-1460
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BISON

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

Invoice

Print

Date	Invoice #
8/22/2011	10114

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

Location	Well Name & No.	Job Type	Terms	Rig	
Cheyenne, KS	Zweygardt 41-32B	Surface	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	140		4.00	560.00
MILEAGE	Milage charge	70		1.50	105.00
	Subtotal of Services				2,065.00
B3-Lite Summer... Discount 10%	50/50 Poz (3%) Discount 10%	130	Sack	16.50 -10.00%	2,145.00 -214.50
	Subtotal of Materials				1,930.50
					3,995.50

Please Remit Invoices To:

Bison Oil Well Cementing, Inc.
 P.O. Box 29871
 Thornton, CO 80229

Subtotal \$3,995.50

Sales Tax (8.3%) \$331.24

Total \$4,326.74

Balance Due \$4,326.74

X 110%
 \$4,759.31

RECEIVED
 SEP 01 2011

BISON OIL WELL CEMENTING, INC.



1736 Wynkoop St., Ste. 102
 Denver, Colorado 80202
 Phone: 303-286-3010
 Fax: 303-295-8142
 E-mail: bisonoil@cowestoffice.net

REF. INVOICE # 10114
 LOCATION St Francis
 FOREMAN Travis Ritchey

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
8-22-11	Zweygardt 41-32B	32	3south	41W	Cheyenne	
CHANGE TO	OWNER					
Excel	Nobel					
MAILING ADDRESS	OPERATOR					
CITY	CONTRACTOR					
STATE ZIP CODE	DISTANCE TO LOCATION					
TIME ARRIVED ON LOCATION	TIME LEFT LOCATION					
11:45 am	3:15 pm					

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
9 7/8					
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
235					
PBTD	TUBING WEIGHT	OPEN HOLE	STUBING		
240'					
CASING SIZE	TUBING CONDITION		TUBING		
7					

PRESSURE SUMMARY		TREATMENT TYPE		TREATMENT RATE	
DROPDOWN OF ORCULATOR	AVERAGE	<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM		
PSI	PSI	<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM		
FINAL DISPLACEMENT	5 MIN SIP	<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM		
PSI	PSI	<input type="checkbox"/> ACID BREAKDOWN	ANNULUS BPM		
ANNULUS	15 MIN SIP	<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM		
PSI	PSI	<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM		
MAXIMUM		<input type="checkbox"/> MISC PUMP			
PSI		<input type="checkbox"/> OTHER			
MINIMUM			1000 (HP) = RATE X PRESSURE X 40.8		

INSTRUCTIONS PRIOR TO JOB: MTRV Safety, CMC, MTP 130 sks of B3 1:1e 15.2 lb/gal
 1.97 yld 4.2 gal/sk 13 bbls of mix water drop plug + displace 10 bbl
 of water. Shut well in, clean up more off location

25% excess load

JOB SUMMARY					
DESCRIPTION OF JOB EVENTS					
MTRV Safety CMC	MTP	Drop plug	displace		
12 pm	12:44 pm	1:25 pm	1:30 pm	1:49 pm	1:50 pm

160 psi 10 15.4 pm

5 bbls to the pit

[Signature] *[Signature]* 8/22/11
 AUTHORIZATION TO PROCEED TITLE 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 hereof which include the release and indemnity.



BISON

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

Invoice

Jim

Date	Invoice #
8/25/2011	10110

Bill To
Excell Services, LLC 30620 US HIGHWAY 385 Wray, CO 80758

Location	Well Name & No.	Job Type	Terms	Rig	
Cheyenne, KS	Zweygardt 41-32B	Production	Net 30		
Item	Description	Qty	U/M	Rate	Amount
Pump Charge - ...	Pump Charge - Production Pipe	1		2,000.00	2,000.00
MILEAGE	Mileage charge	140		4.00	560.00
MILEAGE	Mileage charge	70		1.50	105.00
Data Acquisitio...	Data Acquisition Charge	1		225.00	225.00
N-Gel-12 Discount 10%	Lind 12lb Discount 10%	54	Sack	16.50 -10.00%	891.00T -89.10
HG-Lite Discount 10%	Tail 13.8 lb/gal 50/50 Poz Discount 10%	46	Sack	16.50 -10.00%	759.00T -75.90
KCL	KCL Displacement	2		25.00	50.00T
	Subtotal of Materials				1,533.00
					4,425.00

Please Remit Invoices To:	Subtotal	\$4,425.00
Bison Oil Well Cementing, Inc. P.O. Box 29671 Thornton, CO 80220	Sales Tax (8.3%)	\$127.41
	Total	\$4,552.41
	Balance Due	\$4,552.41

x 110%
 \$5,007.65

RECEIVED
 SEP 01 2011

BISON OIL WELL CEMENTING, INC.



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

REF. INVOICE # 10110
 LOCATION St. Francis
 FOREMAN Randy Newton

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RANGE	COUNTY	FEDERATION
5-23-11	Zweigand 41-32B	32	35	4W	Cheyenne	
CHARGE TO	INVOICE					
Excell	Noble					
MAILING ADDRESS	OPERATOR					
CITY	CONTRACTOR					
STAFF #/ CODE	DISTANCE TO LOCATION					
TIME ARRIVED ON LOCATION	TIME LEFT LOCATION					
11:00 AM	12:00 PM					

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
6 1/4					
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULLUS LONG		
1632					
	TUBING WEIGHT	OPEN HOLE	STWDG		
CASING SIZE	TUBING CONDITION	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
4 1/2					
CASING DEPTH			I SURFACE PIPE		BREAKDOWN BPM
1025			I PRODUCTION CASING		INITIAL BPM
CASING WEIGHT	PACKER DEPTH		I SQUEEZE CEMENT		FINAL BPM
10.50			I ACID BREAKDOWN		MEDIUM BPM
CASING CONDITION			I ACID STIMULATION		MAXIMUM BPM
good			I ACID SPOTTING		AVERAGE BPM
			I MSC PUMP		
			I OTHER		HYD PMP @ RATE & PRESSURE > 40 K

INSTRUCTIONS PRIOR TO JOB: MTRU 5m circ mtr 59 sk of N-6-1-12 at 12 gal
 water req of 12.04 gal/sk 17 bbls mix water yield of 2.22 gal/sk mtr
 405 sk of N-6-1-12 @ 13.81 gal water req 16.28 gal/sk 7 bbls
 mix water yield of 1.33 gal/sk Drop plug Displace w/ 25.1 bbls 2% KCl
 water land plug Breakdown 25% excess

JOB SUMMARY

DESCRIPTION OF JOB EVENTS	MTRU 5m circ	mtr	Drop plug
	11:00 AM	12:55 PM	1:05 PM
Displace		1:30 PM	1:35 PM
Land plug			
Breakdown			
1:18 PM			
1:21 10 150			
1:24 20 400			
1:28 25 1150			

4 bbls cement top it

AUTHORIZATION TO PROCEED _____ TITLE _____ 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 hereof which include the release and indemnity

KB: 6 Ft

Casing: 7 inch

Well Name: Zwegardt 41-32B

Location: Sec 32, 3S, 41W, 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	39.23	39.23	-280.11	-240.88		Centralizer & Baffle Plate
2	39.10	78.33	-240.88	-201.78		
3	39.17	117.50	-201.78	-162.61		
4	39.18	156.68	-162.61	-123.43		
5	39.19	195.87	-123.43	-84.24		
6	39.14	235.01	-84.24	-45.10		
7	39.10	274.11	-45.10	-6.00		
8						
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30						
31						
TOTAL	274.11					

Jts Ran 7
Meas. 274.11
Set @ 280.11
Aprox TD @ 285
PBD @ 240.88
Threads On 275.50

KB-QL: 8' R

Casing: 4.5 10.5 # J-55

Well Name: Zwoygerdt 41-32B Location: Sec 32, 35, 41W, 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
	1.32	1.32	-1623.12	-1621.80		AFU SHOE
1	38.57	39.89	-1621.80	-1583.23	10.5# J-55	Centralizer & Latch
2	38.49	78.38	-1583.23	-1544.74		Centralizer
3	38.66	117.03	-1544.74	-1505.79		Centralizer
4	37.71	155.04	-1505.79	-1468.08		Centralizer
5	38.32	193.36	-1468.08	-1429.76		Centralizer
6	38.48	231.84	-1429.76	-1391.28		Centralizer
7	20.94	252.78	-1391.28	-1370.34		Centralizer
8	39.19	291.97	-1370.34	-1331.15		Centralizer
9	38.45	330.42	-1331.15	-1292.70		
10	38.83	369.25	-1292.70	-1253.87		
11	38.75	408.00	-1253.87	-1215.12		
12	39.38	447.38	-1215.12	-1175.74		
13	39.01	486.39	-1175.74	-1138.73		
14	38.70	525.09	-1138.73	-1098.03		
15	38.32	563.41	-1098.03	-1059.71		
16	38.57	602.08	-1059.71	-1021.04		
17	38.18	640.28	-1021.04	-982.86		
18	44.10	684.38	-982.86	-938.78		
19	40.51	724.87	-938.78	-898.25		
20	39.34	764.21	-898.25	-858.91		
21	39.01	803.22	-858.91	-819.90		
22	38.28	841.50	-819.90	-781.62		
23	39.42	880.92	-781.62	-742.20		
24	38.62	919.54	-742.20	-703.58		
25	38.60	958.14	-703.58	-664.98		
26	38.23	996.37	-664.98	-626.75		
27	38.27	1034.64	-626.75	-588.48		
28	39.21	1073.85	-588.48	-549.27		
29	38.85	1112.80	-549.27	-510.32		
30	38.71	1151.51	-510.32	-471.61		
31	38.49	1190.00	-471.61	-433.12		
32	38.52	1228.52	-433.12	-394.60		
33	38.50	1267.11	-394.60	-356.01		
34	38.12	1305.23	-356.01	-317.89		
35	38.97	1344.20	-317.89	-278.92		
36	39.30	1383.50	-278.92	-239.62		
37	38.51	1422.01	-239.62	-201.11		
38	39.10	1461.11	-201.11	-162.01		
39	39.28	1500.37	-162.01	-122.75		
40	39.14	1539.51	-122.75	-83.61		
41	38.95	1578.46	-83.61	-44.68		
42	38.66	1617.12	-44.68	-0.00		
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85						
TOTAL		1617.12				

JTs Ran 42
 Mess w/shoe 1617.12
 Set @ 1623.12
 PBTD @ 1583.23