



KANSAS CORPORATION COMMISSION 1059446
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 #: _____
04/30/2011 05/01/2011 06/01/2011
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-023-21312-00-00
Spot Description: _____
SE NW NE SE Sec. 32 Twp. 5 S. R. 39 East West
2050 Feet from North / South Line of Section
750 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 #: 43-32
Field Name: _____
Producing Formation: Niobrara
Elevation: Ground: 3604 Kelly Bushing: 3610
Total Depth: 1563 Plug Back Total Depth: 1509
Amount of Surface Pipe Set and Cemented at: 391 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 Gattner Date: 07/12/2011



1059446

Operator Name: Noble Energy, Inc. Lease Name: R Zwegardt Well #: 43-32
 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 (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	1336	
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	391	50/50 POZ	158	3% CaCl 2% gel
Production	6.25	4.5	11.6	1556	50/50 POZ	96	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	1334-1362 perf intervals	500 gal 7.5% HCL acid; 114 bbls MAV-100 gelled water pad;	
	(28' 84 shots) .410 EH 120 Deg	256 bbls MAV-100 gelled water w/50,020# 16/30 Daniels sand &	
		50,020 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 64	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-5) <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.#
4/30/2011	0952

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

Location	Well Name & No.	Job Type	Terms	Rig	
Cheyenne, KS	R. Zwegardt 43-32	Surface	Net 30		
Item	Description	Qty.	U/M	Rate	Amount
Pump surface	PUMP Charge-surface pipe	1		1,400.00	1,400.00
MILEAGE	Mileage charge	174		3.00	522.00
	Subtotal of Services				1,922.00
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
					4,345.80

Please Remit Invoices To:

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

Subtotal	\$4,345.80
Sales Tax (8.3%)	\$201.17
Total	\$4,546.97
Balance Due	\$4,546.97

X 11090
 \$5,001.67

RECEIVED

MAY 05 2011

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
 Denver, Colorado 80202
 Phone: 303-295-3010
 Fax: 303-298-8143
 E-mail: bisonoil@qwestoffice.net

REF. INVOICE # 9952
 LOCATION St Francis KS
 FOREMAN Justin Crickler

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RNG	COUNTY	FORMATION
4-30-11	R. Zwegardt 43-32	32	5S	39W	CHRYSE	

CHANGE TO <u>Excell</u>	OWNER
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR <u>Excell R. 2</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>87</u>
TIME APPROVED FOR LOCATION <u>12:00pm</u> <u>Reg 1:00pm</u>	TIME LEFT LOCATION <u>2:45pm</u>

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>9 7/8"</u>				
TOTAL DEPTH <u>396</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE <u>7"</u>	TUBING CONDITION		TUBING	

PRESSURE SUMMARY		TYPE OF TREATMENT		TREATMENT RATE	
BREAKDOWN OF CIRCULATING	PSI	AVERAGE	PSI	DETAILED BREAKDOWN	BPM
FRAC DISPLACEMENT	PSI	ISIP	PSI	PRODUCTION CASING	INITIAL BPM
ANNULUS	PSI	5 MIN SIP	PSI	SQUEEZE CEMENT	FRAC BPM
MAXIMUM	PSI	15 MIN SIP	PSI	ACID BREAKDOWN	MINIMUM BPM
MINIMUM	PSI			ACID STIMULATION	MAXIMUM BPM
				ACID SPOTTING	AVERAGE BPM
				AISC PUMP	
				OTHER	

INSTRUCTIONS PRIOR TO JOB: MIRU Safety Circ MHP 158 SKS of B3 Lite Yield of 1.13 Mix 18 bbls of H₂O 1/2 H₂O Reg 4.78 gsk/sks @ 15.2 lbs Dropping Displace 14.5 bbls of H₂O shut in

Annulus 2647 Capacity 0.415 77% excess as per Mark
 JOB SUMMARY: MIRU Safety Circ MHP Dropping Displace shut in
 DESCRIPTION OF JOB EVENTS: 12:00pm 1:57pm 2:01pm 2:04pm 2:15pm 2:17pm 2:22pm

2:17pm 200
2:21pm 14.5 150

12 bbls to pit

[Signature] AUTHORIZATION TO PROCEED [Signature] TITLE 4/30/11 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 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 #
5/1/2011	9959

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

Location	Well Name & No.	Job Type	Terms	Rig	
Cheyenne, KS	R. Zwegardt-43-32	Production	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 Subtotal of Services	174		3.00	522.00 2,522.00
Centralizer 4 1/2"	Centralizer 4 1/2"	8		-42.00	336.00T
Float Shoe 4 1/2"	Float Shoe 4 1/2"	1		285.00	285.00T
LD Plug -4 1/2"	LD Plug & Baffle -4 1/2"	1		253.00	253.00T
N-Gel-12 Discount 10%	Lend 12lb Discount 10%	40	Sack	16.50 -10.00%	660.00T -66.00
BG-Lite Discount 10%	Tail 13.8 lb/gal 50/50 Poz Discount 10% Subtotal of Materials	56	Sack	16.50 -10.00%	924.00T -92.40 2,299.60 4,821.60

Please Remit Invoices To:

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

Subtotal	\$4,821.60
Sales Tax (8.3%)	\$190.87
Total	\$5,012.47
Balance Due	\$5,012.47

x 110%
 \$5,513.72

RECEIVED
 MAY 05 2011



KB- 6 Ft

Casing: 7 inch

Well Name: R. Zwegardt 43-32 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)	WV Grade	Description
	0.00	0.00			17	
1	44.21	44.21	-391.40	-347.19		Centralizer
2	43.00	87.21	-347.19	-304.19		
3	44.45	131.66	-304.19	-259.74		
4	44.78	176.44	-259.74	-214.96		
5	43.82	220.26	-214.96	-171.14		
6	42.64	262.90	-171.14	-128.50		
7	44.00	306.90	-128.50	-84.50		
8	44.44	351.34	-84.50	-40.06		
9	34.06	385.40	-40.06	-6.00		
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28						
29						
30						
31						
TOTAL	385.40					

Jts Ran 9
 Meas. 385.40
 Set @ 391.40
 Aprox TD @ 398
 Threads On 387.18



KB-GL: 6, Ft

Casing: 4.5 11.8 # J-55

Well Name: R. Zwoygart 43-32

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

Joint No.	Joint Length, Ft	Total Footage, Ft	Depth KB, Ft (base of ft)	Depth KB, Ft (top of ft)	WU Grade	Description
	0.92	0.92	-1555.60	-1554.68		AFU SHOE
1	45.25	48.17	-1554.68	-1509.43	11.8# J-55	Centralizer & Latch
2	45.06	91.26	-1509.43	-1464.34		Centralizer
3	45.30	136.60	-1464.34	-1419.04		Centralizer
4	45.28	181.82	-1419.04	-1373.78		Centralizer
5	45.28	227.10	-1373.78	-1328.50		Centralizer
6	14.31	241.41	-1328.50	-1314.19		Centralizer
7	45.25	286.66	-1314.19	-1268.94		Centralizer
8	45.12	331.78	-1268.94	-1223.82		Centralizer
9	45.19	376.97	-1223.82	-1178.63		
10	45.08	422.05	-1178.63	-1133.55		
11	45.24	467.29	-1133.55	-1088.31		
12	45.21	512.50	-1088.31	-1043.10		
13	42.17	554.67	-1043.10	-1000.93		
14	45.28	599.95	-1000.93	-955.65		
15	45.28	645.21	-955.65	-910.39		
16	45.28	690.49	-910.39	-865.11		
17	45.27	735.76	-865.11	-819.84		
18	45.14	780.90	-819.84	-774.70		
19	45.24	826.14	-774.70	-729.46		
20	45.13	871.27	-729.46	-684.33		
21	45.28	916.55	-684.33	-639.05		
22	45.28	961.83	-639.05	-593.77		
23	45.27	1007.10	-593.77	-548.50		
24	45.11	1052.21	-548.50	-503.39		
25	45.13	1097.34	-503.39	-458.28		
26	45.26	1142.60	-458.28	-413.00		
27	45.24	1187.84	-413.00	-367.76		
28	45.26	1233.10	-367.76	-322.50		
29	45.28	1278.38	-322.50	-277.22		
30	45.28	1323.64	-277.22	-231.98		
31	45.10	1368.74	-231.98	-186.80		
32	45.25	1413.99	-186.80	-141.61		
33	45.25	1459.24	-141.61	-96.36		
34	45.28	1504.50	-96.36	-51.10		
35	45.10	1549.60	-51.10	-8.00		
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85						
TOTAL		1549.60				

JTs Ran 35
 Meas w/shoe 1549.60
 Set @ 1555.60
 PBTD @ 1509.43
 Threads On 1556.34