



KANSAS CORPORATION COMMISSION 1072760
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 #: _____
9/4/2011 9/5/2011 9/30/2011
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-023-21323-00-00
Spot Description: _____
N2 SE SE SE Sec. 15 Twp. 4 S. R. 38 East West
550 Feet from North / South Line of Section
330 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Cheyenne
Lease Name: Jensen Well #: 44-15
Field Name: _____
Producing Formation: Niobrara
Elevation: Ground: 3480 Kelly Bushing: 3486
Total Depth: 1475 Plug Back Total Depth: 1433
Amount of Surface Pipe Set and Cemented at: 396 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 Garrisor Date: 01/26/2012



1072760

Operator Name: Noble Energy, Inc. Lease Name: Jensen Well #: 44-15
 Sec. 15 Twp. 4 S. R. 38 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 CBL/CCL/GR	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Niobrara</td> <td>1272</td> <td></td> </tr> </table>	Name	Top	Datum	Niobrara	1272	
Name	Top	Datum					
Niobrara	1272						

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	396.4	50/50 POZ	190	3% CaCl 2% gel
Production	6.25	4.5	10.50	1473	50/50 POZ	117	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	Perf intervals 1272-1308	Frac'd w/500 gal 7.5% HCl acid; 114 bbls Mav-100 gelled water pad;	
	(36' 108 holes) .410 EH 120 deg	256 bls Mav-100 gelled water w/50,080# 16/30 Texas Gold & 50,000# 12/20	
		Texas Gold; flush w/8.10 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. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input 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: <u>waiting on hook-up</u>
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BISON

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

Invoice

Date	Invoice #
09/20/11	10461

Bill To
Excell Services, LLC 36620 US HIGHWAY 385 Wray, CO 80758

Location	Well Name & No.	Job Type	Terms	Rig	
Item	Description	Qty	U/M	Rate	Amount
Cheyenne, KS	Jensen 44-15	Surface	Net 30		
Pump surface	PUMP Charge-surface pipe	1		1,400.00	1,400.00
MILEAGE	Mileage charge	166		4.00	664.00
MILEAGE	Mileage charge	83		1.50	124.50
Data Acquisition	Data Acquisition Charge	1		225.00	225.00
	Subtotal of Services				2,413.50
B3-Lite Summer	50/50 Poz (3%)	190	Sack	16.50	3,135.00
Discount 10%	Discount 10%			-10.00%	-313.50
	Subtotal of Materials				2,821.50
					5,235.00

Please Remit Invoices To:

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

Subtotal	\$5,235.00
Sales Tax (8.3%)	\$234.19
Total	\$5,469.19
Balance Due	\$5,469.19

x 110%
 \$6,016.11

RECEIVED
 SEP 13 2011

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste 100
 Denver, Colorado 80202
 Phone: 303-296-3210
 Fax: 303-296-8142
 E-mail: bisonoil1@qwestoffice.net

REF. INVOICE # 10461
 LOCATION Bind City
 FOREMAN Trenz

TREATMENT REPORT

DATE 9-4-11	WELL NAME Jensen 44-15	SECTION 15	TWP 4 S	RANGE 38 W	COUNTY Cheyenne	PERMIT NO.
CHARGE TO: Excell		OWNER: Noble				
MANUAL ADDRESS		OPERATOR				
CITY		CONTRACTOR: Excell 7.9 #2				
STATE ZIP CODE		DISTANCE TO LOCATION: 83				
TIME ARRIVED ON LOCATION: 12 pm		REQ: 12:30 pm		TIME LEFT LOCATION: 3 pm		

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
9 7/8			SURFACE PIPE ANNULUS LOSS		
TOTAL DEPTH 2240'	TUBING DEPTH	SHRINKS/FIT	STRING		
PBTD 357	TUBING WEIGHT	OPEN HOLE	TUBING		
CASING SIZE 7"	TUBING CONDITION				

TREATMENT VIA		TREATMENT RATE	
CASING DEPTH 396'		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
CASING WEIGHT 17 lbs	PACKER DEPTH	<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM
CASING CONDITION good		<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM
		<input type="checkbox"/> JACOBI BREAKDOWN	MINIMUM BPM
		<input type="checkbox"/> JACOBI STABILIZATION	MAXIMUM BPM
		<input type="checkbox"/> JACOBI SPOTTING	AVERAGE BPM
		<input type="checkbox"/> MISS PUMP	
		<input type="checkbox"/> OTHER	

PRESSURE SUMMARY			
BREAKDOWN BY CIRCULATION	psi	AVERAGE	psi
FINAL DISPLACEMENT	psi	15 MIN	psi
ANNULUS	psi	5 MIN SP	psi
MAXIMUM	psi	15 MIN SP	psi
MINIMUM	psi		

INSTRUCTIONS PRIOR TO JOB: **MIRU Safety Circ, M+P 190SKS B3-lite 15.2 lbs/gal 1.07 yd 4.2 gal/6K mic water 19 bbls shut down drop plug displace 14.8 bbls set plug shut well in, clean up & move off location 95% excess**

JOB SUMMARY	
DESCRIPTION OF JOB EVENTS	
MIRU Safety Circ M+P drop plug displace	
12:30 pm	1:40 pm
1:51 pm	1:53 pm
2:14 pm	2:15 pm
	160 psi
	10 2:20 pm
Shot in	14 bbls to the pit
2:24 pm	130 psi
	14.5 2:23 pm

14 Bbls to pit

[Signature] **9/4/11** DATE
 AUTHORIZATION TO PROCEED TITLE

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 make no release and indemnity

Bison



BISON

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

Invoice

Date	Invoice #
9-5-2011	10166

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

Location	Well Name & No.	Job Type	Terms	Rig	
Cheyenne, KS	Jensen 44-15	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	166		4.00	664.00
MILEAGE	Mileage charge	83		1.50	124.50
Data Acquisition...	Data Acquisition Charge	1		225.00	225.00
	Subtotal of Services				3,013.50
N-Gel-12	Lead 12lb	61	Sack	16.50	1,006.50T
Discount 10%	Discount 10%			-10.00%	-100.65
BG-Lite	Tail 13.8 lb/gal 50:50 Poz	56	Sack	16.50	924.00T
Discount 10%	Discount 10%			-10.00%	-92.40
KCL Mud Flush	(BHS 117)	2		125.00	250.00T
KCL	KCL Displacement	4		25.00	100.00T
	Subtotal of Materials				2,087.45
					5,100.95

Please Remit Invoices To:

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

Subtotal	\$5,100.95
Sales Tax (8.3%)	\$173.25
Total	\$5,274.20
Balance Due	\$5,274.20

x 110%
 \$5,801.62

RECEIVED
 SEP 13 2011

BISON OIL WELL CEMENTING, INC.



1735 Wankel St., Ste. 102
 Denver, Colorado 80202
 Phone: 303-296-3010
 Fax: 303-296-8100
 E-mail: bisonoil@qwestoffice.net

REF. INVOICE # 10466

LOCATION Bid City

FIREMAN Tias

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RSE	CURVEY	FORMER USE
9-5-11	Jensen 44-15	15	4S	38W	chopanne	
OWNER	Noble					
OPERATION	Excell rig 2					
CONTRACTOR	Excell rig 2					
DISTANCE TO LOCATION	93 miles					
TIME LEFT LOCATION	1 pm					
TIME ARRIVED ON LOCATION	8:30 am					

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
6 1/4				
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
PSTD			STUBS	
CASING SIZE	TUBING WEIGHT	DRIP HOLE	TUBING	
4 1/2				

TREATMENT VIA		TYPE OF TREATMENT		TREATMENT RATE	
		<input type="checkbox"/> SURFACE PIPE			BREAKDOWN BPM
		<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			

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. 20 bbl mud flush w/ 2% KCL 1774 P61 SKS of Noyel-12, 12 lb/gal 221 yld 1204 gal/sk with 17.5 bbs of mix water MYP 56 SKS of 13.8 lb/gal 1.33 yld 6.79 gal/sk with 8 bbs of mix water drop plug displace 72.7 bbs with 2% KCL Set plug shut well in clean up move off location 50% excess on lead

JOB SUMMARY		DESCRIPTION OF JOB EVENTS	
MIRU safety circ	MTP	drop plug	displace 1
8:30 am	10 am	10:12 am	11:54 pm
			12:10 pm
			12:11 pm
Set plug		800 psi	10 12:14 pm
12:20 pm @ 1320 psi		320 psi	20 12:18 pm
		1320 psi	27.5 12:20 pm

6 1/2 bbls to the pit

[Signature]

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 thereof which include the release and indemnity.

KB : 6 Ft

Casing: 7 inch

Well Name: Jensen 44-15

Location: Sec 15, 4S, 38W, 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	39.09	39.09	-396.38	-357.29		Centralizer & Baffle Plate
2	39.12	78.21	-357.29	-318.17		
3	39.11	117.32	-318.17	-279.06		
4	39.05	156.37	-279.06	-240.01		
5	38.52	194.89	-240.01	-201.49		
6	39.08	233.97	-201.49	-162.41		
7	39.00	272.97	-162.41	-123.41		
8	39.15	312.12	-123.41	-84.26		
9	39.14	351.26	-84.26	-45.12		
10	39.12	390.38	-45.12	-6.00		
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31						
TOTAL	390.38					

Jts Ran 10
Meas 390.38
Set @ 396.38
Aprox TD @ 401
PBD @ 357.29
Threads On 392.36

KB-GL: 6:FI

Casing: 4.5:10.5#J-55

Well Name: Jensen 44-15 Location: Sec 15, 4S, 38W, Cheyenne Co. KS

Joint No.	Joint Length, Ft	Total Footage, Ft	Depth KB, Ft (base of jt)	Depth KB, Ft (top of jt)	WV Grade	Description
	1.32	1.32	-1472.96	-1471.64		AFU SHOE
1	39.22	40.54	-1471.64	-1432.42	10.5#J-55	Centralizer & Latch
2	39.19	79.73	-1432.42	-1393.23		Centralizer
3	39.05	118.78	-1393.23	-1354.18		Centralizer
4	39.26	158.04	-1354.18	-1314.92		Centralizer
5	39.00	197.04	-1314.92	-1275.92		Centralizer
6	39.13	236.17	-1275.92	-1236.79		Centralizer
7	20.78	256.95	-1236.79	-1216.01		Centralizer
8	39.09	296.04	-1216.01	-1176.92		Centralizer
9	39.36	335.40	-1176.92	-1137.56		
10	38.73	374.13	-1137.56	-1098.83		
11	39.21	413.34	-1098.83	-1059.62		
12	39.19	452.53	-1059.62	-1020.43		
13	39.08	491.61	-1020.43	-981.35		
14	39.34	530.95	-981.35	-942.01		
15	39.34	570.29	-942.01	-902.67		
16	39.20	609.49	-902.67	-863.47		
17	38.16	647.65	-863.47	-825.31		
18	39.25	686.90	-825.31	-786.06		
19	39.12	726.02	-786.06	-746.94		
20	38.62	764.64	-746.94	-708.32		
21	38.98	803.60	-708.32	-669.36		
22	39.02	842.62	-669.36	-630.34		
23	38.80	881.42	-630.34	-591.54		
24	39.11	920.53	-591.54	-552.43		
25	39.02	959.55	-552.43	-513.41		
26	39.35	998.90	-513.41	-474.06		
27	39.12	1038.02	-474.06	-434.94		
28	39.21	1077.23	-434.94	-395.73		
29	39.28	1116.51	-395.73	-356.45		
30	39.31	1155.82	-356.45	-317.14		
31	39.22	1195.04	-317.14	-277.92		
32	39.10	1234.14	-277.92	-238.82		
33	39.31	1273.45	-238.82	-199.51		
34	36.93	1310.38	-199.51	-162.58		
35	38.68	1349.06	-162.58	-123.90		
36	39.30	1388.36	-123.90	-84.60		
37	39.29	1427.65	-84.60	-45.31		
38	39.31	1466.96	-45.31	-6.00		
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85						
TOTAL		1466.96				

JTs Ran 38
 Meas w/shoe 1466.96
 Set @ 1472.96
 PETD @ 1432.42
 Threads On 1473.95