



1057908

Operator Name: Noble Energy, Inc. Lease Name: Rogers Well #: 32-32
 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 <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 Name Top Datum Niobrara 1326
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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	383	50/50 POZ	175	3% CaCl 2% Gel
Production	6.25	4.5	11.6	1558	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	1326-1362 perf intervals	500 gal 7.5% HCL acid; 114 bbls MAV-100 gelled water	
	(36' 108 holes) .410 EH 120 Deg	pad; 218 bbls MAV-100 gelled water w/50,000# 16/30	
		Daniels sand & 50,020 12/20 Daniels Sand;	
		Flush w/8.4 bbls MAV-100 gelled water.	

TUBING RECORD: Size: Set At: Packer At: Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. 6/13/2011 Producing Method: Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
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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) (Submit ACO-4)</i> <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

*1
Down*

Date	Invoice #
2/15/2011	9445

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

Location	Well Name & No.	Terms	Rig
Cheyenne, KS	Rogers 32-32	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	77.50T
B3-Lite	50/50 Poz (3%)	175	Sack	16.00	2,800.00T
Discount	Discount			-280.00	-280.00
	Subtotal of Materials				2,597.50
					4,519.50

Please Remit Invoices To:

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

Subtotal	\$4,519.50
Sales Tax (8.3%)	\$224.90
Total	\$4,744.40
Balance Due	\$4,744.40

X 11090
\$5,218.84

BISON OIL WELL CEMENTING, INC.



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

REF INVOICE # 9445
 LOCATION St Francis KS
 FOREMAN Justin Crinklaw

TREATMENT REPORT

DATE <u>2-15-11</u>	WELL NAME <u>Rogers 32-32</u>	SECTION <u>32</u>	FWS <u>55</u>	HEE <u>39W</u>	COUNTY <u>Cherokee</u>	FORMATION
DAMAGE TO <u>Excell</u>		OWNER				
MAILING ADDRESS		OPERATOR				
CITY		CONTRACTOR				
STATE ZIP CODE <u>@ gate 4:15 pm</u>		INSTANCE TO LOCATION <u>87</u>				
TIME ARRIVED ON LOCATION <u>6:45 pm</u>		TIME LEFT LOCATION <u>8:15</u>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
<u>9 7/8</u>					
TOTAL DEPTH <u>388</u>	TUBING DEPTH	SHOTS/FT	SURFACE WPE ANNULUS LONG		
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>7"</u>	TUBING CONNECTION		TUBING		
CASING DEPTH <u>383</u>	<u>RB 343</u>	TREATMENT WA	TYPE OF TREATMENT		
CASING WEIGHT <u>17</u>	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	TREATMENT RATE	
CASING CONDITION <u>good</u>			<input type="checkbox"/> PRODUCTION CASING	BREAKDOWN RPM	
			<input type="checkbox"/> SQUEEZE CEMENT	INITIAL BPM	
			<input type="checkbox"/> ACID BREAKDOWN	FINAL BPM	
			<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM	
			<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM	
			<input type="checkbox"/> ANISC PUMP		
			<input type="checkbox"/> OTHER	HYD NIP & RATE X PRESSURE X 408	

PRESSURE SUMMARY		
BREAKDOWN IN CIRCULATION	PSI	AVERAGE
FINAL DISPLACEMENT	PSI	ISIP
ANNULUS	PSI	5 MIN ISIP
MAXIMUM	PSI	15 MIN ISIP
MINIMUM	PSI	

INSTRUCTIONS PRIOR TO JOB MIRU Safety Circ MHP 175 sks of B3 Lite 4 yield of 113 Mix
2.0 bbls of H₂O @ 4.20 reg 4.78 gal/sks @ 15.2, Dropplug, Displace 14.2 bbls of H₂O,
Shutin well

Annulus: 2647 Capacity: 0415

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS MIRU Safety Circ MHP Dropplug Displace Shutin
6:45pm 7:15pm 7:25pm 7:28pm 7:44pm 7:46pm 8:00pm

Displace

7:53pm 10 140
7:57pm 14.0 160

9 bbls to pit

[Signature] AUTHORIZATION TO PROCEED
[Signature] TITLE
2/15/11 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.



BISON

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

BOM

Invoice

Date	Invoice #
2/16/2011	9456

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

Location		Well Name & No.		Terms	Rig
Cheyenne, KS		Rogers 32-32		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	174		3.00	522.00
	Subtotal of Services				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	Lead 12lb	40	Sack	16.00	640.00T
Discount	Discount			-64.00	-64.00
BG-Lite	Tail 13.8 lb/gal 50/50 Poz	56		16.00	896.00T
Discount	Discount			-89.60	-89.60
	Subtotal of Materials				2,256.40
					4,778.40

Please Remit Invoices To:

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

Subtotal	\$4,778.40
Sales Tax (8.3%)	\$194.41
Total	\$4,972.81
Balance Due	\$4,972.81

x 11090
 \$ 5,410.09

RECEIVED
 FEB 28 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@qwestoffice.net

REF. INVOICE # 9456
 LOCATION St. Francis KS
 FOREMAN Justin Crinkler

TREATMENT REPORT

DATE <u>2-16-11</u>	WELL NAME <u>Rogers 22-32</u>	SECTION <u>32</u>	TWP <u>55</u>	RGE <u>39W</u>	COUNTY <u>Cherokee</u>	FORMAT#
CHARGE TO <u>Excell</u>	DIVER					
MAILING ADDRESS	OPERATOR					
CITY	CONTRACTOR <u>Excell Rig 2</u>					
STATE ZIP CODE	DISTANCE TO LOCATION <u>87</u>					
TIME ARRIVED ON LOCATION: <u>4:45 pm</u>	TIME LEFT LOCATION: <u>9:30 pm</u>					

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>6 7/8</u>				
TOTAL DEPTH <u>1565</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LOGS	
	TUBING WEIGHT	OPEN HOLE	STING	
CASING SIZE <u>4 1/2</u>	TUBING CONDITION		TUBING	
CASING DEPTH <u>1558</u>	<u>PB 1523</u>	TREATMENT YR	TYPE OF TREATMENT	
CASING WEIGHT <u>11.6</u>	PACKER DEPTH		<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> BREAKDOWN BPM
CASING CONDITION <u>good</u>			<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> INITIAL OIM
			<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> FUAL BPM
			<input type="checkbox"/> ACID BREAKDOWN	<input type="checkbox"/> MINIMUM BPM
			<input type="checkbox"/> ACID STIMULATION	<input type="checkbox"/> MAXIMUM BPM
			<input type="checkbox"/> ACID SPOTTING	<input type="checkbox"/> AVERAGE BPM
			<input type="checkbox"/> MISC PUMP	
			<input type="checkbox"/> OTHER	HPD HHP = RATE X PRESSURE X 40.8

PRESSURE SUMMARY		TREATMENT RATE	
BREAKDOWN or CIRCULATING PSI	AVERAGE PSI		
FINAL DISPLACEMENT PSI	ISP PSI		
ANNULUS PSI	5 MIN SIP PSI		
MAXIMUM PSI	15 MIN SIP PSI		
MINIMUM PSI			

INSTRUCTIONS PRIOR TO JOB MIRU Safety Circ @ MHP 40 SKS of N-901-12 1/4 yield of 2.64 Mic 15 bbls of H2O 1/2 H2O Reg 15.6 gal/sks @ 12.0 lbs @ MHP 56 SKS of BG Lite 1/2 yield of 4.35 Mic 13 bbls of H2O 1/2 H2O Reg 9.7 @ 13.8 Dropplug Displace 33.6 bbls of H2O Set plug Rigdown

Annulus 1026 Capacity 10155

JOB SUMMARY	
DESCRIPTION OF JOB EVENTS	TIME
<u>MIRU Safety Circ @ MHP Dropplug Displace Set plug @</u>	
	<u>4:45 pm</u>
	<u>7:23 pm</u>
	<u>7:39 pm</u>
	<u>7:46 pm</u>
	<u>8:00 pm</u>
	<u>8:33 pm</u>
	<u>8:36 pm</u>
	<u>8:54 pm</u>
<u>held @ 1200</u>	
	<u>8:42 pm 10 200</u>
	<u>8:51 pm 20 400</u>
<u>96 BBLs top it</u>	<u>8:54 pm 23.6 1200</u>

S. Chalk AUTHORIZATION TO PROCEED Field Rep TITLE 2-16-11 DATE

Customers hereby acknowledge 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: Rogers 32-32

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)	Wt/Grade	Description
	0.00	0.00			17	
1	41.71	41.71	-383.42	-341.71		Centralizer
2	43.80	85.51	-341.71	-297.91		
3	41.95	127.46	-297.91	-255.96		
4	41.67	169.13	-255.96	-214.29		
5	39.58	208.71	-214.29	-174.71		
6	42.41	251.12	-174.71	-132.30		
7	41.79	292.91	-132.30	-90.51		
8	42.46	335.37	-90.51	-48.05		
9	42.05	377.42	-48.05	-6.00		
10						
11						
12						
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30						
31						
TOTAL	377.42					

Jts Ran 9
 Meas. 377.42
 Set @ 383.42
 Aprox TD @ 388
 Threads On 379.20



KB-GL: 11.6 Ft

Casing: 4.5 11.6 # J-55

Well Name: Rogers 32-32

Location: Sec 32, 5S, 38W, Cheyenne 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
1	0.82	0.82	-1558.35	-1557.43	11.6#J-55	AFU SHOE
2	34.01	34.83	-1557.43	-1523.42		Centralizer & Latch
3	47.02	81.85	-1523.42	-1476.40		Centralizer
4	35.85	117.60	-1476.40	-1440.75		Centralizer
5	39.12	156.72	-1440.75	-1401.63		Centralizer
6	41.19	197.91	-1401.63	-1380.44		Centralizer
7	42.11	240.02	-1380.44	-1318.33		Centralizer
8	14.10	254.21	-1318.33	-1304.14		Centralizer
9	42.12	296.33	-1304.14	-1282.02		Centralizer
10	42.62	338.95	-1282.02	-1219.40		
11	47.70	386.65	-1219.40	-1171.70		
12	42.88	429.33	-1171.70	-1129.02		
13	38.38	467.71	-1129.02	-1090.64		
14	42.80	510.51	-1090.64	-1047.74		
15	35.98	546.59	-1047.74	-1011.76		
16	43.37	589.96	-1011.76	-988.39		
17	35.15	625.11	-988.39	-933.24		
18	34.51	659.62	-933.24	-898.73		
19	42.40	702.02	-898.73	-858.33		
20	42.18	744.20	-858.33	-814.15		
21	42.19	786.39	-814.15	-771.98		
22	42.11	828.60	-771.98	-729.85		
23	42.13	870.73	-729.85	-687.72		
24	42.12	912.75	-687.72	-645.60		
25	42.28	955.03	-645.60	-603.32		
26	42.20	997.23	-603.32	-561.12		
27	42.19	1039.42	-561.12	-518.93		
28	42.10	1081.52	-518.93	-476.83		
29	42.39	1123.91	-476.83	-434.44		
30	42.16	1166.07	-434.44	-392.28		
31	42.11	1208.18	-392.28	-350.17		
32	42.17	1250.35	-350.17	-308.00		
33	42.14	1292.49	-308.00	-265.86		
34	42.21	1334.70	-265.86	-223.65		
35	42.16	1376.86	-223.65	-181.49		
36	42.22	1419.08	-181.49	-139.27		
37	42.15	1461.23	-139.27	-97.12		
38	45.57	1506.80	-97.12	-51.55		
39	45.55	1552.35	-51.55	-6.00		
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85						
TOTAL		1552.35				

JTs Ran 38
 Meas w/shoe 1552.35
 Set @ 1558.35
 PBTD @ 1523.42
 Threads On 1559.74