



KANSAS CORPORATION COMMISSION 1072803  
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 #: \_\_\_\_\_

<u>12/26/2011</u>	<u>12/27/2011</u>	<u>12/27/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-023-21342-00-00  
Spot Description: \_\_\_\_\_  
NE SE SW NE Sec. 14 Twp. 5 S. R. 40  East  West  
2110 Feet from  North /  South Line of Section  
1640 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Cheyenne  
Lease Name: Roberson Farms Well #: 32-14  
Field Name: \_\_\_\_\_  
Producing Formation: Niobrara  
Elevation: Ground: 3642 Kelly Bushing: 3648  
Total Depth: 1637 Plug Back Total Depth: 1558  
Amount of Surface Pipe Set and Cemented at: 386 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: 01/27/2012



1072803

Operator Name: Noble Energy, Inc. Lease Name: Roberson Farms Well #: 32-14  
 Sec. 14 Twp. 5 S. R. 40  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	<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>1404</td> <td></td> </tr> </table>	Name	Top	Datum	Niobrara	1404	
Name	Top	Datum					
Niobrara	1404						

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	386	50/50 POZ	190	3% CaCl 2% gel
Production	6.25	4.5	10.5	1598.7	50/50 POZ	136	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

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.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
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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 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 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

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

## Invoice

Date	Invoice #
12/26/2011	10797

Bill To
Excelsior Services LLC 86629 US HIGHWAY 385 Wray, CO 80758

Location	Well Name & No.	Taps	Job Type		
Chrycans, KS	Roberson Farms 32-14	No. 30	Surface		
Item	Description	Qty	U/M	Rate	Amount
Pump surface	PUMP Charge surface pipe	3		1,400.00	1,400.00
MILEAGE	Mileage charge 3 trucks 70.00	180		4.00	640.00
MILEAGE	Mileage charge truck up	80		1.50	120.00
Dam Acquisition	Dam Acquisition Charge	1		225.00	225.00
	Subtotal of Services				2,385.00
BE Late Summer	50/50 P&S (34)	190	Sack	16.50	3,135.00
Discount 10%	Discount 10%			-313.50	-313.50
Wood Plug 7"	Wood Plug 7"	1		79.95	79.95
	Subtotal of Materials				2,901.45

Please Remit Payment To:	<b>Subtotal</b>	\$5,286.45
Bison Oil Well Cementing, Inc. P.O. Box 29671 Thornton, CO 80229	<b>Sales Tax (8.3%)</b>	\$240.82
	<b>Total</b>	\$5,527.27
	<b>Balance Due</b>	\$5,527.27

Billing Category # 1015  
 Unit # or Rig # R2  
 AFE # \_\_\_\_\_  
 Addl. Info for Desc. Surf CMT, Roberson Farms 32-14

Approved By [Signature]

RECEIVED

JAN 04 2012

x 110.90  
 \$6,080.00

PC  
 PV

# 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 # 10797  
 LOCATION Wheeler  
 FOREMAN T. Travis

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
12-26-11	Roberson Farms 32-74	14	5	400	Glyerme	
CHARGE TO <u>Excell</u>			OWNER <u>Noble</u>			
MAILING ADDRESS			OPERATOR			
CITY			CONTRACTOR <u>Excell 11910</u>			
STATE ZIP CODE			DISTANCE TO LOCATION <u>80 miles</u>			
TIME ARRIVED ON LOCATION <u>4:30 pm</u>			TIME LEFT LOCATION <u>6 pm</u>			

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>9 7/8</u>				
TOTAL DEPTH <u>391</u>	TUBING DEPTH	SIXTS/FT	SURFACE PIPE ANNULUS LONG	
<u>PBTD 243</u>	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE <u>7"</u>	TUBING CONDITION	TREATMENT VOL.	TUBING	
CASING DEPTH <u>396</u>			TYPE OF TREATMENT	
CASING WEIGHT <u>11</u>	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
CASING CONDITION <u>good</u>			<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM
PRESSURE SUMMARY			<input type="checkbox"/> SQUEEZE CEMENT	FINAL BPM
BREAKDOWN or CIRCULATING	AVERAGE		<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM
FINAL DISPLACEMENT	ISIP		<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM
ANNULUS	5-MIN SIP		<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM
MAXIMUM	75-MIN SIP		<input type="checkbox"/> MISC PUMP	FINAL STOPPING
MINIMUM			<input type="checkbox"/> OTHER	TRD HHP = RATE X PRESSURE X VOL

INSTRUCTIONS PRIOR TO JOB: MIRU Safety Circ MTP 190 sks of B3-1ite 15.2 lb/gal  
1.07 yd 4.2 gal/sk 190 bbls of mix water. Drop plug on displace  
14.3 bbls set plug shot well in clean up move off location

JOB SUMMARY					
DESCRIPTION OF JOB EVENTS					
<u>MIRU</u>	<u>Safety</u>	<u>Circ MTP</u>	<u>Drop plug</u>	<u>Displace</u>	
<u>4:30 pm</u>	<u>4:30 pm</u>	<u>4:55 pm</u>	<u>5:11 pm</u>	<u>5:23 pm</u>	<u>5:23 pm</u>
				<u>5:26 pm</u>	<u>10 100psi</u>
				<u>5:28 pm</u>	<u>14.5 200psi</u>

8 bbls to the pit

Chris [Signature] AUTHORIZATION TO PROCEED  
Rush TITLE  
12/26/11 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  
 303-296-3910

## Invoice

Date	Invoice #
12/27/2011	10798

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

Location	Well Name & No.	Terms	Job Type		
Cheyenne KS	Roberson Farms 32-14	Net 30	Production		
Item	Description	Qty	U/M	Rate	Amount
Pump Charge	Pump Charge - Production Pipe	1		2,000.00	2,000.00
MILEAGE	Mileage charge Truck x 80 mi	160		4.00	640.00
MILEAGE	Mileage charge Pickup	80		1.50	120.00
Data Acquisition	Data Acquisition Charge	1		225.00	225.00
NEG-12 Discount 10%	Lead 12lb Discount 10%	300	56lb	76.50 -10.00%	1,326.00 -132.00
BO-14lb Discount 10%	Fall 14lb (50/50) 30/30 Discount 10%	56	56lb	76.50 -10.00%	994.00 -92.40
Dye - 4580	Dye (Hot Ink 4580)	2		14.00	28.00
KCL	KCL Displacement	5		25.00	125.00
Mud Flush (bag)	Mud Flush	2	1b	125.00	250.00
Float Shoe 4-1/2"	Float Shoe 4-1/2"	1		321.85	321.85
ED Plug 4-1/2"	ED Plug & Baffle - 4 1/2"	1		229.60	229.60
Subtotal of Materials:					4,959.05
Please Remit Payment To:				<b>Subtotal</b>	\$5,959.05
Bison Oil Well Cementing Inc. P.O. Box 29677 Thornton, CO 80229				<b>Sales Tax (8.3%)</b>	\$246.84
Billing Category # 1015 Unit # or Rig # R2 AFE # Add. Info for Desc LS, CMT Roberson Farms 32-14				<b>Total</b>	\$6,205.89
				<b>Balance Due:</b>	\$6,205.89

Approved By *[Signature]*

RECEIVED

JAN 04 2012

x 11090

\$ 6,205.89

# BISON OIL WELL CEMENTING, INC.



1739 Wynkoop St., Ste. 102  
 Denver, Colorado 80202  
 Phone: 303-298-3010  
 Fax: 303-298-8143  
 E-mail: bisono21@qwestoffice.net

REF. INVOICE # 10798  
 LOCATION Wheeler  
 FOREMAN Trow's

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
12-27-11	Roberson Farms 32-14	14	5	70W	Cheyenne	
CHARGE TO	OWNER		Noble			
MAILING ADDRESS	OPERATOR					
CITY	CONTRACTOR		Excell rig 2			
STATE ZIP CODE	DISTANCE TO LOCATION		80 miles			
TIME ARRIVED ON LOCATION	TIME LEFT LOCATION		4 pm 9 pm			

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRICTED
6 1/4				
TOTAL DEPTH 1337	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANCHORS LONG	
P.B.T.O. 1537	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE 4 1/2	TUBING CONDITION		TUBING	
CASING DEPTH 1586		TREATMENT VIA	TREATMENT RATE	
CASING WEIGHT 10.5	PACKER DEPTH		I. SURFACE PIPE	BEGINNING BPM
CASING CONDITION 9000			II. PRODUCTION CASING	INITIAL BPM
			III. GEL/CEMENT	FINAL BPM
			IV. ACID BREAKDOWN	MINIMUM BPM
			V. ACID STIMULATION	MAXIMUM BPM
			VI. ACID SPOTTING	AVERAGE BPM
			VII. MISC PUMP	
			VIII. OTHER	100 BPM - RATE X PRESSURE X 40L

PRESSURE SUMMARY			
BREAKDOWN OF CIRCULATING	PSI	AVERAGE	PSI
FINAL DISPLACEMENT	PSI	5 MIN SP	PSI
AVAILUS	PSI	15 MIN SP	PSI
MAXIMUM	PSI		
MINIMUM	PSI		

INSTRUCTIONS PRIOR TO JOB: MTRU Safety Circ pump 20 bbls of dye with 2% KCL 20 bbls mod flush with 2% KCL m+p Est 93 sks of Ngel - 12 12.06/1ad 2.21 yd 12.04 gdlk 24 bbl of mix or until dye is seen m+p 5.6 sks of Bq - lite 13.8 kllgal 1.33 yd 6.28 gal/sk 8 bbls of mix after drop plug displace 24 bbls with 2% KCL set plug clean up move off location

JOB SUMMARY					
DESCRIPTION OF JOB EVENTS					
MTRU Safety	Circ	m+p	drop plug	displace	
4 pm	7 pm	7:09 pm	7:46 pm	7:31 pm	7:31 pm

7:35 pm 10 400 psi  
 7:37 pm 20 400 psi  
 7:39 pm 24.8 1250 psi

10 bbls to the pit

*[Signature]*  
 AUTHORIZATION TO PROCEED

12/27/11

DATE

TITLE

...the conditions on the reverse side thereof which include the release and indemnity...

KB 6 Ft

Casing: 7 inch

Well Name: Roberson Farms 32-14      Location: Sec 14, 5S, 40W, Yuma Co. 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				
1	42.40	42.40	-386.08	-343.68	17#STC	Centralizer & Baffle Plate
2	40.37	82.77	-343.68	-303.31	17#STC	
3	42.60	125.37	-303.31	-260.71	17#STC	
4	42.36	167.73	-260.71	-218.35	17#STC	
5	43.40	211.13	-218.35	-174.95	17#STC	
6	42.41	253.54	-174.95	-132.54	17#STC	
7	42.37	295.91	-132.54	-90.17	17#STC	
8	41.85	337.76	-90.17	-48.32	17#STC	
9	42.32	380.08	-48.32	-6.00	17#STC	
10						
11						
12						
13						
14					# Jts Ran	9
15					Meas.	380.08
16					Set @	386.08
17					Aprox TD @	391
18					PBTD @	343.68
19					Threads on	381.86
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
TOTAL	380.08					

KB-GL: 6 Ft

Casing: 4.5 10.5 # J-55

Well Name: Roberson Farms 32-14

Location: Sec 14, 5S, 40W, Yuma Co, CO

Joint No.	Joint Length, Ft	Total Footage, Ft	Depth KB, Ft (base of jt)	Depth KB, Ft (top of jt)	WU Grade	Description
	0.92	0.92	-1598.67	-1597.75		AFU SHOE
1	40.13	41.05	-1597.75	-1557.62	10.5#J-55	Centralizer & Latch
2	40.10	81.15	-1557.62	-1517.52		Centralizer
3	40.14	121.29	-1517.52	-1477.38		Centralizer
4	40.16	161.45	-1477.38	-1437.22		Centralizer
5	40.15	201.60	-1437.22	-1397.07		Centralizer
6	40.11	241.71	-1397.07	-1356.96		Centralizer
7	31.10	272.81	-1356.96	-1325.88		Centralizer
8	40.09	312.90	-1325.88	-1285.77		Centralizer
9	40.13	353.03	-1285.77	-1245.64		
10	40.10	393.13	-1245.64	-1205.54		
11	40.11	433.24	-1205.54	-1165.43		
12	40.15	473.39	-1165.43	-1125.28		
13	40.12	513.51	-1125.28	-1085.16		
14	40.15	553.66	-1085.16	-1045.01		
15	40.18	593.84	-1045.01	-1004.83		
16	40.12	633.96	-1004.83	-964.71		
17	40.12	674.08	-964.71	-924.59		
18	40.13	714.21	-924.59	-884.46		
19	40.16	754.37	-884.46	-844.30		
20	40.15	794.52	-844.30	-804.15		
21	40.14	834.66	-804.15	-764.01		
22	40.17	874.83	-764.01	-723.84		
23	40.13	914.96	-723.84	-683.71		
24	40.19	955.15	-683.71	-643.52		
25	40.18	995.33	-643.52	-603.34		
26	40.17	1035.50	-603.34	-563.17		
27	40.20	1075.70	-563.17	-522.97		
28	39.71	1115.41	-522.97	-483.26		
29	39.38	1154.79	-483.26	-443.88		
30	40.17	1194.96	-443.88	-403.71		
31	38.63	1233.59	-403.71	-365.08		
32	39.10	1272.69	-365.08	-325.98		
33	39.28	1311.97	-325.98	-286.70		
34	40.19	1352.16	-286.70	-246.51		
35	40.20	1392.36	-246.51	-206.31		
36	40.08	1432.44	-206.31	-166.23		
37	40.04	1472.48	-166.23	-126.19		
38	40.09	1512.57	-126.19	-86.10		
39	39.98	1552.55	-86.10	-46.12		
40	40.12	1592.67	-46.12	-6.00		
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TOTAL		1592.67				

JTs Ran 40  
 Meas w/shoe 1592.67  
 Set @ 1598.67  
 PBD @ 1557.62