



BISON

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

Invoice

Date	Invoice #
9/21/2011	10475

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

Location	Well Name & No.	Job Type	Terms	Rig	
Cheyenne, KS	Parich 44-21	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	178		4.00	712.00
MILEAGE	Mileage charge	89		1.50	133.50
	Subtotal of Services				2,245.50
B3-Lite Summer...	50/50 Poz (3%)	180	Sack	16.50	2,970.00T
Discount 10%	Discount 10%			-10.00%	-297.00
	Subtotal of Materials				2,673.00
					4,918.50

Please Remit Invoices To:

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

Subtotal	\$4,918.50
Sales Tax (8.3%)	\$221.86
Total	\$5,140.36
Balance Due	\$5,140.36

x 110%
 \$5,654.40

RECEIVED
 SEP 30 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 # 10475
 LOCATION Bird City
 FOREMAN Randy Newton

TREATMENT REPORT

DATE <u>9-21-11</u>	WELL NAME <u>Partch 44-21</u>	SECTION <u>21</u>	TWP <u>4S</u>	RGE <u>3SW</u>	COUNTY <u>cheyenne</u>	FORMATION
CHARGE TO <u>Excell</u>			OWNER <u>Noble</u>			
MAILING ADDRESS			OPERATOR			
CITY			CONTRACTOR <u>Excell Rig 2</u>			
STATE ZIP CODE			DISTANCE TO LOCATION <u>89 mi</u>			
TIME ARRIVED ON LOCATION <u>5:00 pm</u>			TIME LEFT LOCATION <u>7:30 pm</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 PIPE ANNULUS LONG		
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>7 1/2"</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>382'</u>	<u>Plug 345'</u>	TREATMENT VIA	TYPE OF TREATMENT		
CASING WEIGHT <u>20#</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 OF CIRCULATING	PSI	AVERAGE	PSI	<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM
FINAL DISPLACEMENT	PSI	15 MIN SIP	PSI	<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM
ANNULUS	PSI	5 MIN SIP	PSI	<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM
MAXIMUM	PSI	15 MIN SIP	PSI	<input type="checkbox"/> MISC PUMP	
MINIMUM	PSI			<input type="checkbox"/> OTHER	

INSTRUCTIONS PRIOR TO JOB MIRU 5m circ mtg 180 slts of B3-Lite @ 15.2 lb/gal
Water req of 4.2 gal/sk 18 bbls max water yield of 1.07 cu ft/sk Drop Plug
Displace w 13.9 bbls H₂O shut in 1/2 down

90% excess as per mark zone toolpusher

DESCRIPTION OF JOB EVENTS	MIRU	5m	circ	mtg	Drop Plug	Displace
	<u>5:30 pm</u>	<u>6:50 pm</u>	<u>6:57 pm</u>	<u>7:03 pm</u>		<u>7:06 pm</u>
<u>Shut in</u>		<u>1/2 down</u>				<u>7:09 10 100</u>
<u>7:12 pm</u>		<u>7:15 pm</u>				<u>7:11 139 200</u>

7 bbls cement top it

Matt Reynolds Driller 9/21/11
 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

Date	Invoice #
9/22/2011	10481

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

Location	Well Name & No.	Job Type	Terms	Rig	
Cheyenne, KS	Patch 44-21	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	178		4.00	712.00
MILEAGE	Mileage charge	89		1.50	133.50
	Subtotal of Services				2,845.50
BG-Lite	Tail 13.8 lb/gal 50/50 Poz	56	Sack	16.50	924.00T
Discount 10%	Discount 10%			-10.00%	-92.40
N-Gel-12	Lead 12lb	68	Sack	16.50	1,122.00T
Discount 10%	Discount 10%			-10.00%	-112.20
KCL	KCL Displacement	4		25.00	100.00T
KCL Mud Flush	(BMS 117)	2	qt	125.00	250.00T
	Subtotal of Materials				2,191.40
					5,036.90

Please Remit Invoices To:

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

Subtotal	\$5,036.00
Sales Tax (8.3%)	\$418.88
Total	\$5,218.78
Balance Due	\$5,218.78

X 110%
 \$ 5,740.66

RECEIVED
 SEP 30 2011

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
 Denver, Colorado 80202
 Phone: 303-296-3010
 Fax: 303-296-8143
 E-mail: bisonoil1@qwestoffice.net

REF. INVOICE # 10481
 LOCATION 2nd City
 FOREMAN Randy Newton

TREATMENT REPORT

DATE <u>9-22-11</u>	WELL NAME <u>Partch 44-21</u>	SECTION <u>21</u>	TWP <u>45</u>	RGE <u>38W</u>	COUNTY <u>Cheyenne</u>	FORMATION
CHANGE TO <u>Excell</u>	OWNER <u>Noble</u>		OPERATOR			
MAILING ADDRESS	CONTRACTOR <u>Excell 192</u>		DISTANCE TO LOCATION <u>59 mi</u>			
CITY	STATE ZIP CODE		TIME LEFT LOCATION <u>9:15 p.m.</u>			
TIME ARRIVED ON LOCATION <u>3:00 p.m.</u>		<u>(2) 4:30 p.m.</u>		PRESSURE LIMITATIONS		

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS	SURFACE PIPE ANNULUS LONG	THEORETICAL	INSTRUCTED
<u>6 7/8"</u>					
TOTAL DEPTH <u>1448'</u>	TUBING DEPTH	SLIGHTS/FT	STRING		
	TUBING WEIGHT	OPEN HOLE	TUBING		
CASING SIZE <u>4 1/2"</u>	TUBING CONDITION	TREATMENT VIA	TYPE OF TREATMENT		
CASING DEPTH <u>1434'</u>	<u>PBD 1394'</u>		<input type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING WEIGHT <u>10.5#</u>	PACKER DEPTH		<input checked="" type="checkbox"/> PRODUCTION CASING	INITIAL BPM	
CASING CONDITION <u>good</u>			<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	HYD TRIP = RATE X PRESSURE X 4.81	

PRESSURE SUMMARY			TREATMENT RATE		
BREAKDOWN or CIRCULATING	psi	AVERAGE	psi		
FINAL DISPLACEMENT	psi	15IP	psi		
ANNULUS	psi	5-MIN SIP	psi		
MAXIMUM	psi	15-MIN SIP	psi		
MINIMUM	psi				

INSTRUCTIONS PRIOR TO JOB MIRA sm mud flush 20 bbls 2% kcl and sagg mix @ 108 slr @ 12-12
@ 12.15/gal water req 12.04 gal/sk 20 bbls mix water yield @ 2.21 cu ft sk M+F
56 sks of BG-112 @ 13.816/gal water req. PK @ 2.28 gal/sk 8 bbls mix
water yield @ 1.33 cu ft/sk Drop plug Displace w/ 22.1 bbls 2% kcl H₂O
land plug - sig down

JOB SUMMARY						
DESCRIPTION OF JOB EVENTS	MIRA	SM	M.F.	M+F	M+F	Drop plug
Displace	3:00 p.m.	8:00	8:10	8:16	8:27	8:34
	8:36					
	8:39 10 100 PSI	land plug		sig down		
	8:43 20 400 PSI	8:45 p.m.		8:50 p.m.		
	8:48 22 11250 PSI					

100% excess
11 BBLs Cement to pit

Francis Hoff
 AUTHORIZATION TO PROCEED

TITLE

9/22/11
 DATE

Customers 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.