



# BISON

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



## FILE

## Invoice

Date	Invoice #
1/17/2013	11302

Bill To
Bill Barrett Corp. 1099 18th Street, Suite 2300 Denver, CO 80202

Location	Well Name & No.	Terms	Job Type		
Weld, CO.	Dutch Lake 23-35H	Net 30	Surface Pipe		
Item	Description	Qty	U/M	Rate	Amount
Pump surface	PUMP Charge-Surface Pipe	1		1,400.00	1,400.00
MILEAGE	Mileage Charge/ Equipment	240		4.00	960.00
MILEAGE	Mileage Charge/ Crew	120		1.50	180.00
Data Acquisition ...	Data Acquisition Charge	1		225.00	225.00
HOURS	Wait Time	9		250.00	2,250.00
Service Charge	Iron Inspection	1		500.00	500.00
	Subtotal of Services				5,515.00
BFN III Summer ...	BFN III Blend	344	Sack	22.75	7,826.00T
Dye - 4880	Dye (Hot Pink 4880)	16	oz	15.00	240.00T
KCL Mud Flush	(BHS 117)	6	qt	25.00	150.00T
	Subtotal of Materials				8,216.00
					13,731.00

Please Remit Payment To:

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

<b>Subtotal</b>	\$13,731.00
<b>Sales Tax (2.9%)</b>	\$238.26
<b>Total</b>	\$13,969.26
<b>Balance Due</b>	\$13,969.26

# BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102  
Denver, Colorado 80202  
Phone: 303-296-3010  
Fax: 303-298-8143  
E-mail: bisonoil1@qwestoffice.net

REF. INVOICE # 11302

LOCATION WCR 68+81

FOREMAN CALVIN REIMERS

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
1-17-13	Dutch LAKE 23-35H	35	6N	62W	Weld	

CHARGE TO <u>Bill BARRETT</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Bill BARRETT</u>
CITY	CONTRACTOR <u>Major Rig 42</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>2:30 pm.</u>	TIME LEFT LOCATION <u>5:00 am.</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>13 1/2</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>835</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PBTD 772.42</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>9 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>813.89</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>36 lb.</u>	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING CONDITION <u>Good</u>			<input 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	HYD HHP = RATE X PRESSURE X 40.8	

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 Safety meeting, Rig up, Psi check to 500 Psi, Circ 60 bbls H<sub>2</sub>O with KCL + Dye x 16 in 2<sup>nd</sup> 10 bbls, Mix pump Tell good Dye is seen at 15.2 lbs 1.27 yield, Drop plug, Displace 5 bbls H<sub>2</sub>O then 54.7 bbls mud, Bump plug at 150 Psi over Lift Psi, wait 5 min then bleed off Psi, wash up, Rig down 9 5/8 36 lb Casing, 10773, 13 1/2 Hole with 9 5/8 casing, 4887, 9 5/8 Casing cap. 1434, 16" Conductor with 9 5/8 casing, 7842,

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS Safety meeting 2:46 am, Circ 3:12 am, CEMENT 3:26 am, to 3:48 am  
Drop Plug 3:50 am, Displace 3:57 am,  
10 bbls 140 Psi 4:01 am 5.0 bbls/m  
20 bbls 190 Psi 4:03 am 5.0 bbls/m  
30 bbls 310 Psi 4:05 am 5.0 bbls/m  
40 bbls 370 Psi 4:07 am 5.0 bbls/m  
50 bbls 400 Psi 4:09 am 5.0 bbls/m  
59.7 bbls 360 Psi 4:13 am 1.0 bbls/m  
Bump Plug 720 Psi at 4:13 am

USED 0% EXCESS = 344 SKS, 77.8 bbls SLURRY  
14 bbls SLURRY TO THE P.T

Craig J...

AUTHORIZATION TO PROCEED

TITLE

1-17-13

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.