

# BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102  
Denver, Colorado 80202  
Phone: 303-296-3070  
Fax: 303-298-8143  
E-mail: bisonoil@qwestoffice.net

REF. INVOICE # 10200  
LOCATION Yuma Co. CV 6629  
FOREMAN Joe Ship

## TREATMENT REPORT

DATE <u>12/14/2011</u>	WELL NAME <u>Smalls 33-4</u>	SECTION <u>4</u>	TWP <u>15</u>	RCE <u>45W</u>	COUNTY <u>Yuma</u>	FORMATION
CHARGE TO <u>Excell</u>	OWNER		OPERATOR <u>Noble</u>			
MAILING ADDRESS	CONTRACTOR <u>Excell</u>		DISTANCE TO LOCATION <u>18</u>			
CITY	TIME ARRIVED ON LOCATION <u>3:45 pm</u>		TIME LEFT LOCATION			
STATE-ZIP CODE						

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>9 7/8</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>491</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LING		
	TUBING WEIGHT	OPEN HOLE	STING		
CASING SIZE <u>2"</u>	TUBING CONDITION		TURNING		
CASING DEPTH <u>486.02</u>	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE	
CASING WEIGHT <u>23.6</u>	PACKER DEPTH	<input checked="" type="checkbox"/> SURFACE PVE		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		MAXIMUM BPM	
		<input type="checkbox"/> ACID STABILIZATION		MAXIMUM BPM	
		<input type="checkbox"/> ACID SPOTTING		AVERAGE BPM	
		<input type="checkbox"/> MISC PUMP		INITIAL RATE & PRESSURE 1-488	
		<input type="checkbox"/> OTHER			

INSTRUCTIONS PRIOR TO JOB MTM, Safety, BC, ASP, Digging, Displace, Lead plug

Cement 50% cement 50% ash 3% caloria  
210 sacks w/ 21 bbl mix H<sub>2</sub>O  
17.5 bbl Displacement

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS MTM @ 530 Safety @ 545 BC @ 558 MTM @ 600 PM

Displace @ 609 Lead plug @ 615  
Inc 156  
612 10 260  
615 17 250

94% excess  
6 bbl deposit

R. Chapman  
AUTHORIZATION TO PROCEED

DRILLER  
TITLE

12-16-11  
DATE

Cementing hereby acknowledges and specifically agrees to the terms and conditions of this work order, including, without limitation, the provisions on the reverse side hereof which constitute the release and indemnity.

# BISON OIL WELL CEMENTING, INC.



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

REF INVOICE # 10654  
LOCATION Excell  
FOREMAN Rande/Newton

## TREATMENT REPORT

DATE <u>12-18-11</u>	WELL NAME <u>Sta 1/4 33-4</u>	SECTION <u>4</u>	TWP <u>15</u>	RGE <u>95W</u>	COUNTY <u>Garco</u>	PERMITS <u></u>
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>80 mi</u>			
TIME ARRIVED ON LOCATION <u>5:00 a.m.</u>			TIME LEFT LOCATION			

WELL DATA			PRESSURE LIMITATIONS	
HOSE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>1 1/4"</u>				
TOTAL DEPTH <u>2482</u>	TUBING DEPTH	SHOT/ST	SURFACE PIPE ANNULUS LONG	
	TUBING WEIGHT	OPEN HOLE	STING	
CASING SIZE <u>9 1/2"</u>	TUBING CONDITION		STING	
CASING DEPTH <u>2441</u>	PACKER DEPTH	TREATMENT RUN	TYPE OF TREATMENT	
CASING WEIGHT <u>10.5"</u>			TREATMENT RATE	
CASING CONDITION <u>Good</u>				

PRESSURE SUMMARY		TREATMENT RATE	
MEASUREMENTS	DISPLACEMENT	DISPLACEMENT	DISPLACEMENT
INITIAL DISPLACEMENT	DISPLACEMENT	DISPLACEMENT	DISPLACEMENT
ANNULUS	DISPLACEMENT	DISPLACEMENT	DISPLACEMENT
ANNULUS	DISPLACEMENT	DISPLACEMENT	DISPLACEMENT
ANNULUS	DISPLACEMENT	DISPLACEMENT	DISPLACEMENT
ANNULUS	DISPLACEMENT	DISPLACEMENT	DISPLACEMENT

INSTRUCTIONS PRIOR TO JOB: MIRA 5m cwt Dye marker & mud flush 2% KCL 10 bbls Dye  
20 bbls soft KCL 10 bbls KCL MXP SK OF N-Gel 12 Water 14.0L  
12.0L m/sk field of 2.21 on ft/sk m/sk m/sk see dye 56 sk BG-1.2  
@ 13.8 ft/sk water 14.0L 6.28 gal/sk 6.3 bbl m/sk water 14.0L 133  
cu ft/sk Dye 14.0L Displace 2.1 bbls 2% KCL water 14.0L 14.0L

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS: MIRA 5m cwt Dye marker & mud flush 2% KCL 10 bbls Dye  
5:00 a.m. 6:15 a.m. 6:20 a.m. 6:40 a.m. 6:55 a.m. 7:00 a.m.  
Displace 14.0L 7:03 7:06 7:10 7:15 7:20 7:25 7:30 7:35 7:40 7:45 7:50 7:55 8:00  
7:06 10.00 7:09 20.00 7:11 30.00 7:13 40.00 7:15 50.00 7:17 60.00 7:19 70.00 7:21 80.00 7:23 90.00 7:25 100.00  
7:27 110.00 7:29 120.00 7:31 130.00 7:33 140.00 7:35 150.00 7:37 160.00 7:39 170.00 7:41 180.00 7:43 190.00 7:45 200.00  
7:47 210.00 7:49 220.00 7:51 230.00 7:53 240.00 7:55 250.00 7:57 260.00 7:59 270.00 8:01 280.00 8:03 290.00 8:05 300.00  
8:07 310.00 8:09 320.00 8:11 330.00 8:13 340.00 8:15 350.00 8:17 360.00 8:19 370.00 8:21 380.00 8:23 390.00 8:25 400.00  
8:27 410.00 8:29 420.00 8:31 430.00 8:33 440.00 8:35 450.00 8:37 460.00 8:39 470.00 8:41 480.00 8:43 490.00 8:45 500.00  
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9:07 610.00 9:09 620.00 9:11 630.00 9:13 640.00 9:15 650.00 9:17 660.00 9:19 670.00 9:21 680.00 9:23 690.00 9:25 700.00  
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