

# 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

INVOICE # 2777  
LOCATION Excell

FOREMAN Travis

## TREATMENT REPORT

DATE <u>12/14/11</u>	WELL NAME <u>Stullis 24-4B</u>	SECTION <u>4</u>	TWP <u>1S</u>	RGE <u>45W</u>	COUNTY <u>Yuma</u>	FORMATION
CHARGE TO <u>Excell</u>		OWNER <u>Noble</u>				
MAILING ADDRESS		OPERATOR				
CITY		CONTRACTOR <u>Excell 1192</u>				
STATE ZIP CODE		DISTANCE TO LOCATION <u>60 miles</u>				
TIME ARRIVED ON LOCATION <u>3:30 pm</u>		<u>regu. 4 pm</u>		TIME LEFT LOCATION <u>5:30 pm</u>		

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>9 7/8</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>492</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PBID 448</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>7</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>487</u>		TREATMENT VIA	TYPE OF TREATMENT		
CASING WEIGHT <u>20</u>	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	TREATMENT RATE	
CASING CONDITION <u>good</u>			<input type="checkbox"/> PRODUCTION CASING	BREAKDOWN BPM	
			<input type="checkbox"/> SOSEZE CEMENT	INITIAL BPM	
			<input type="checkbox"/> ACID BREAKDOWN	FINAL BPM	
			<input type="checkbox"/> ACID STIMULATION	MINIMUM BPM	
			<input type="checkbox"/> ACID SPOTTING	MAXIMUM BPM	
			<input type="checkbox"/> MISC PUMP	AVERAGE BPM	
			<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 MITR Safety Circ mit P 210 GKS of B3.1ite 15.2 lb/gal.  
107 yd 4.2 gal/SK 21 bbls of mix water drop plug displace 18 bbls of water  
Set plug shut well in cleanup move all pressure

### JOB SUMMARY

#### DESCRIPTION OF JOB EVENTS

MITR U Safety Circ mit P Drop plug Displace  
3:45 pm 4:30 pm 4:35 pm 4:39 pm 4:45 pm 4:45 pm

200 psi 10 4:30 pm  
400 psi 18 4:55 pm

10 Bbls Top T

Am Gen

AUTHORIZATION TO PROCEED

Push

TITLE

12/14/11

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.

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10778

LOCATION Eckley

FOREMAN Tim S

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	CURVITY	FORMATION
12-16-11	570115 24-4B	4	15	45W	4umc	

CHARGE TO	OWNER
MAKING ADDRESS	OPERATOR
CITY	CONTRACTOR
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED BY LOCATION	TIME LEFT LOCATION

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
TOTAL DEPTH	TUBING DEPTH	SUBT/SFT	SURFACE PIPE ANNULUS LONG	
PBTD	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE	FINISH CONDITION	TREATMENT	TUBING	
CASING DEPTH	PISTON DEPTH	TYPE OF TREATMENT	TREATMENT RATE	
CASING WEIGHT		1 SURFACE PIES	BREAKDOWN BPM	
CASING CONDITION		2 PRODUCTION CASING	INITIAL BPM	
		3 SQUEEZE CEMENT	FINAL BPM	
		4 ACID BREAKDOWN	ABNORMAL BPM	
		5 ACID STIMULATION	MAXIMUM BPM	
		6 ACID SPOTTING	AVERAGE BPM	
		7 BASIC PUMP	HYD HEAD = RATE X PRESSURE X 0.0008	
		8 OTHER		

PRESSURE SUMMARY			
BREAKDOWN/ACID CIRCULATING	AVERAGE	PSI	
FINAL DISPLACEMENT	PSI		
ANNULUS	PSI		
MAXIMUM	PSI		
MINIMUM	PSI		

INSTRUCTIONS PRIOR TO JOB: MTRD Safety Circ pump 6 bbls of dye with 2% KCL 20 bbls of mud flush with 2% KCL 15 bbls of water with 2% KCL MTP 168 SKs of Ngal-12 12.0 16 gal 2.21 yd 12.04 gal/sk 48 bbls of mix water as until dye is seen MTP 56 SKs of Bolyte 13.8 16 gal 1.33 yd 6.25 gal/sk drop plug, displace 38.25 bbls with 2% KCL set plug shut well in. Clean up more off location.

JOB SUMMARY  
DESCRIPTION OF JOBS EVENTS  
MTRD Safety Circ MTP drop plug displace  
313am 443am 508am 527am 540am 540am  
100 psi 10.547am  
200 psi 20.550am  
600 psi 30.553am  
1100 psi 38.6am  
3 Hrs to the pit

*[Signature]* 12/16/11  
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