

# BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste 102  
Denver, Colorado 80202  
Phone: 303-296-3010  
Fax: 303-296-8145  
E-mail: bisonoil1@qwestoffice.net

REF. INVOICE # 10479

LOCATION Eckley

FOREMAN Travis

## TREATMENT REPORT

DATE 9-28-11	WELL NAME Meis 33-8	SECTION 9	TWP 1N	RGE 46W	COUNTY Yuma	FORMATION
CHANGE TO Excell		OWNER Noble				
MAILING ADDRESS		OPERATOR				
CITY		CONTRACTOR Excell rig 2				
STATE ZIP CODE		DISTANCE TO LOCATION 60				
TIME ARRIVED ON LOCATION 6pm		10pm		TIME LEFT LOCATION 12am		

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
9 7/8					
TOTAL DEPTH 519	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD 475	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 7'	TUBING CONDITION		TUBING		
CASING DEPTH 514		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 20 lbs	PACKER DEPTH		✓ SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION good			PRODUCTION CASING		INITIAL BPM
			SQUEEZE CEMENT		FINAL BPM
			ACID BREAKDOWN		MINIMUM BPM
			ACID STIMULATION		MAXIMUM BPM
			ACID SPOTTING		AVERAGE BPM
			MISC PUMP		
			OTHER		HYD NHP = RATE X PRESSURE X 40 S

PRESSURE SUMMARY			
BREAKDOWN & 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 MIRU safety Cir, m4P 24 bbls of B3-lite 15.2 lb/gal  
1.07 yd, 4.2 gal/sk 24 bbls of mix water shut down drop plug Displace  
19 bbls of water Set plug shot well in clean up move off location  
90% excess

### JOB SUMMARY

#### DESCRIPTION OF JOB EVENTS

MIRU safety Cir m4P drop plug displace  
6:15pm 10:54pm 10:58pm 11:17pm 11:18pm  
10:45pm 230psi 10 11:22pm  
230psi 19 11:26pm

Shot well in @ 11:26

9 bbls to the pit

*Matt Reynolds*

Driller

9/28/11

AUTHORIZATION TO PROCEED

TITLE

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 OIL WELL CEMENTING, INC.



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

REF. INVOICE # 10480

LOCATION Eckley

FOREMAN Travis

## TREATMENT REPORT

DATE <b>4-30-11</b>	WELL NAME <b>MEIS 33-8</b>	SECTION <b>8</b>	TWP <b>1N</b>	RGE <b>46W</b>	COUNTY <b>Yuma</b>	FORMATION
CHARGE TO <b>Excel</b>		OWNER <b>Noble</b>				
MAILING ADDRESS		OPERATOR				
CITY		CONTRACTOR <b>Excel rig #2</b>				
STATE ZIP CODE		DISTANCE TO LOCATION <b>60 miles</b>				
TIME ARRIVED ON LOCATION <b>12:30 pm</b>		TIME LEFT LOCATION <b>4:30 pm</b>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <b>6 1/4</b>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <b>2766</b>	TUBING DEPTH	SHOTS/FT	SURFACE P/C ANNULUS LONG		
<b>PBTD 2714</b>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <b>4 1/2</b>	TUBING CONDITION		TUBING		
CASING DEPTH <b>2755</b>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <b>10.5</b>	PACKER DEPTH		[ ] SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION			[ ] PRODUCTION CASING		INITIAL BPM
			[ ] SQUEEZE CEMENT		FINAL BPM
			[ ] ACID BREAKDOWN		MINIMUM BPM
			[ ] ACID STIMULATION		MAXIMUM BPM
			[ ] ACID SPOTTING		AVERAGE BPM
			[ ] MISC PUMP		
			[ ] OTHER		IND RHP = 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 **MTRU, safety pump 10 bbls of dye, 10 bbls of dye the 20 bbls of mud flush with 2% KCl, MTP 190 SKs of N gel-12 12.0 lb/gal 2.21 x/d 12.0 gal/sk with 55 bbls of mix MTP 56 SKs of Kcal-seal blend 13.8 lb/gal 1.36 x/d 9.7 gal/sk with 13 bbls of mix water, shut down clean hose, displace 43 bbls shut well in clean up move of location, mix lead till dye is seen**

JOB SUMMARY			
DESCRIPTION OF JOB EVENTS			
<b>MTRU</b>	<b>Safety</b>	<b>Circ</b>	<b>MTP</b>
<b>12:45 pm</b>	<b>1:39 pm</b>	<b>1:46 pm</b>	<b>2:00 pm</b>
			<b>3:33 pm</b>
			<b>3:34 pm</b>
			<b>210 psi 10 3:38 pm</b>
			<b>160 psi 20 3:41 pm</b>
			<b>500 psi 30 3:46 pm</b>
			<b>430 psi 40 3:51 pm</b>
			<b>1250 psi 43 3:53 pm</b>

<b>10000 EXCESS</b>	
<b>10 bbls to the pit</b>	

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