

# BISON OIL WELL CEMENTING, INC.



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Denver, Colorado 80202  
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REF. INVOICE # 9861

LOCATION 54 - Hwy 257

FOREMAN Kirk Kallhoff  
mike R CR

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
6-17-11	Phillips 23-1-20	23	5N	67W	Weld	

CHARGE TO <i>Nesle</i>	OWNER
MAILING ADDRESS	OPERATOR <i>Nesle</i>
CITY	CONTRACTOR <i>Ensign 136</i>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <i>3:30pm</i>	TIME LEFT LOCATION <i>6:30pm</i>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 12 1/4	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH 583	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
RTD 531	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 8 7/8	TUBING CONDITION		TUBING		
CASING DEPTH 575		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 2416	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION good			<input type="checkbox"/> PRODUCTION CASING		INITIAL BPM

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 *Rig up, safety meeting, Psi test, circ 300psi KCL H2O, 2nd 1000 Dye, mix of Pump 2475RS cement at 30% Excess at 1.27 yield at 15.2 lbs or until cement stops up, no more than 50% Excess. Per cement, Release Plug Disp 33.8 BBLs H2O, Bump Plug At 150psi over Lift psi, wait 5min, Release Psi, wash up Rig Down H2O test OK*

*Arrived w/ 575 sacks cement 4 gal KCL 16oz Dye 55.7 BBLs slurry*

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS *safety meeting 4:54pm circ 5:28pm cement 5:36pm*  
*Drop Plug 5:50pm Disp 5:50pm*  
*10 BBLs At 5.5 BBLs/m 5:54pm 300psi used 5% Excess*  
*20 BBLs At 5.5 BBLs/m 5:56pm 410psi used 200 sacks cement*  
*30 BBLs At 8.5 BBLs/m 5:58pm 320psi 44.9 BBLs slurry*  
*33.8 BBLs At 1.0 BBLs/m 6:01pm 260psi*  
*Bump Plug 6:01pm 520psi*

*Lift w/ 375 sacks cement 3 gal KCL 16oz Dye BBLs Back 10*

*[Signature]* W.S.S. 6-17-11  
AUTHORIZATION TO PROCEED TITLE DATE