

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9821  
LOCATION WCR 36253  
FOREMAN Daniel Saltzman

## TREATMENT REPORT

DATE <u>5-29-11</u>	WELL NAME <u>Cittlain 004-33</u>	SECTION <u>4</u>	TWP <u>3N</u>	RGE <u>6SW</u>	COUNTY <u>Weld</u>	FORMATION
CHARGE TO <u>Mobile</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>Mobile</u>				
CITY		CONTRACTOR <u>ENGLISH 126</u>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>11:46 AM</u>		TIME LEFT LOCATION <u>5:50 AM</u>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>663.0</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>1070 612.85</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>655.65</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>2.1#</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"/> SOOZE 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

INSTRUCTIONS PRIOR TO JOB Rig up, Softy meddy, psi test, Circ 40 bbls of H<sub>2</sub>O w/ KCL and 10 w/ 100 cc Dye mix + pump 281 sks of cement @ 30% Excess @ 15.2" @ 127 yd or until stopped by cement. Drop Plug Displace 39.0 Bbls of H<sub>2</sub>O Pump Plug @ 150 psi over 147 psi wait 5 min Reduce psi Wash up Rig Down

Arrival w/ 650 sks of cement 391 KCL 3202 Dye 63.5 H<sub>2</sub>O of Slurry

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS Softy meddy 3:46 AM Circ 4:22 AM Cement 4:33 AM  
Drop Plug 4:53 AM Displace 4:53 AM

10 bbls	6.01/m	280 psi	4:54 AM
20 bbls	6.01/m	360 psi	4:56 AM
30 bbls	6.01/m	370 psi	4:59 AM
39 bbls	1.01/m	280 psi	5:03 AM
Pump Plug	500 psi	5:03 AM	5:03 AM

Left w/ 369 sks Cement 291 KCL 2202 Dye 13 bbls of Slurry Pack

R. J. R. L. S. 5-29-30

AUTHORIZATION TO PROCEED

TITLE

DATE