

# 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

REF. INVOICE # 9535

LOCATION WCR 74+63

FOREMAN Daniel Saltzman

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
11-21-10	NCLP PCAA-04-04	4	6N	63W	Weld	

CHARGE TO <u>Wohle</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Wohle</u>
CITY	CONTRACTOR <u>Cade 21</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>9:37pm</u>	TIME LEFT LOCATION <u>2:15am</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>732.10</u>	TUBING DEPTH	SHOTS/FT		SURFACE PIPE ANNULUS LONG	
<u>BDTP 683.05</u>	TUBING WEIGHT	OPEN HOLE		STRING	
CASING SIZE <u>8 5/8</u>	TUBING CONDITION			TUBING	
CASING DEPTH <u>727.07</u>		TREATMENT VIA	TYPE OF TREATMENT		
CASING WEIGHT <u>24#</u>	PACKER DEPTH		TREATMENT RATE		
CASING CONDITION <u>Good</u>			<input checked="" type="checkbox"/> SURFACE PIPE <input type="checkbox"/> PRODUCTION CASING <input type="checkbox"/> SQUEEZE CEMENT <input type="checkbox"/> ACID BREAKDOWN <input type="checkbox"/> ACID STIMULATION <input type="checkbox"/> ACID SPOTTING <input type="checkbox"/> MISC PUMP <input type="checkbox"/> OTHER		
PRESSURE SUMMARY			BREAKDOWN BPM INITIAL BPM FINAL BPM MINIMUM BPM MAXIMUM BPM AVERAGE BPM HYD HHP = RATE X PRESSURE X 40.8		

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 Rig up, Safety meeting, PSI test, Circ 90 bbls of H<sub>2</sub>O w/ Kcl 2nd 10 w/ 10oz Dye  
Mix & pump 309 sks of Cement @ 30% Excess @ 15.2" @ 1.27 yield or until stopped by  
Co flow, Drop Plug, Displace 43.5 bbls of H<sub>2</sub>O Bump Plug @ 150psi over lift psi, wait 5 min  
Release PSI wash up Rig Down  
H<sub>2</sub>O test OK  
Arrival w 550 sks of Cement 3 gal Kcl 320z Dye  
69.8 bbls of Slurry

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS Safety meeting 12:21am Circ 12:47am Cement 12:58am  
Drop Plug 1:16am Displace 1:16am

10 bbls	5.0/m	130psi	1:20am	used 264 sks of cement
20 bbls	5.0/m	160psi	1:23am	11% Excess
30 bbls	5.0/m	310psi	1:25am	59.7 bbls of Slurry
40 bbls	2.5/m	230psi	1:27am	
43.5 bbls	1.0/m	230psi	1:30am	
Bump Plug		500psi	1:30am	

4.5 slurry Back  
Left w 286 sks of Cement 2 gal Kcl 220z Dye

Jim Chua Co Rep 11-21-10  
 AUTHORIZATION TO PROCEED TITLE 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