

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 10.
Denver, Colorado 80202
Phone: 303-296-3010
Fax: 303-296-8143
E-mail: bisonoil1@qwestoffice.net

REF. INVOICE # 9541
LOCATION WCL 80+79
FOREMAN Daniel Saltzman

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
12-21-10	State 7-62-16	16	7N	62W	Weld	
CHARGE TO <u>Excell Services</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>Excell Services</u>				
CITY		CONTRACTOR <u>Excell 3</u>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>10:12 AM</u>		TIME LEFT LOCATION <u>2:50 PM</u>				

WELL DATA			PRESSURE LIMITATIONS		
PIPE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
12 1/4					
TOTAL DEPTH <u>517.17</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
POTD <u>469.49</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>9 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>512.89</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>364</u>	PACKER DEPTH		[] SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION <u>Good</u>			[] PRODUCTION CASING		INITIAL BPM
			[] SQUEEZE CEMENT		FINAL BPM
			[] ACID BREAKDOWN		MINIMUM BPM
			[] ACID STIMULATION		MAXIMUM BPM
			[] ACID SPOTTING		AVERAGE BPM
			[] MISC PUMP		
			[] OTHER		HYD IHP = RATE X PRESSURE X 40.8

PRESSURE SUMMARY			
BREAKDOWN BY CIRCULATION	PSI	AVERAGE	PSI
FINAL DISPLACEMENT	PSI	15HP	PSI
ANNULUS	PSI	5 MIN SH	PSI
MAXIMUM	PSI	15 MIN SH	PSI
MINIMUM	PSI		

INSTRUCTIONS PRIOR TO JOB: Rig up. Safety meeting. Ps test to 500psi. Circ 10 bbls of H₂O w Dre mix + pump 80% Excess 256 sacks of Cement @ 15.2' @ 1.13 yield Drop Plug Displace 36.2 bbls of H₂O Bump Plug @ 150 psi over 14 ft psi close in well wash up Rig Down

51.9 bbls of Slurry

JOB SUMMARY: Safety meeting 12:12 pm Over 1:37 pm Cement 144 pm
DESCRIPTION OF JOB EVENTS: Drop plug 203 Displace 203

10 bbls 5.0/m 170 psi 2:06 pm
20 bbls 5.0/m 270 psi 2:08 pm
30 bbls 3.5/m 290 psi 2:11 pm
36.2 bbls 1.0/m 230 psi 2:15 pm
Bump Plug 390 psi 2:15 pm

18 bbls of Slurry Back

12-21-10
DATE
AUTHORIZATION TO PROCEED
TITLE

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.