

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 # 10184

LOCATION WCR 68 & 6d

FOREMAN Daniel Saltzman

TREATMENT REPORT

DATE <u>6-18-11</u>	WELL NAME <u>Degenthart USXAE 17-63H</u>	SECTION <u>16</u>	TWP <u>5N</u>	RGE <u>62W</u>	COUNTY <u>Weld</u>	FORMATION
CHARGE TO <u>Noble</u>			OWNER			
MAILING ADDRESS			OPERATOR <u>Noble</u>			
CITY			CONTRACTOR <u>H&P 315</u>			
STATE ZIP CODE			DISTANCE TO LOCATION			
TIME ARRIVED ON LOCATION <u>6:25 AM</u>			TIME LEFT LOCATION <u>11:00 AM</u>			

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>13 3/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>7071</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
POTA <u>650</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>9 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>6021</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>36</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		HVD BPM = RATE X PRESSURE X 40.8

INSTRUCTIONS PRIOR TO JOB Rig up, Safety meeting, Psi test, Circ 50 bbls of H₂O w/ KCl, 2nd 10 w/ 10 oz Dye mix
& Pump 381 sks of Cement @ 15.2" @ 1.27 yield, 30% Excess, Drop Plug, Displace 51.6 bbls of H₂O
Bump Plug @ 150 psi over 1 ft psi, wait 5 min Relate psi wash up Rig Down

Arrival 10 700 sks of Cement 4 gal KCl 32 oz Dye 86.1 bbls of Slurry

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety meeting 8:58 AM Circ 9:30 AM Cement 9:40 AM
Drop Plug 10:00 AM Displace 10:00 AM

<u>10 bbls 7.0/m 380 psi 10:06 AM</u>	<u>used 329 sks of Cement</u>
<u>20 bbls 7.0/m 460 psi 10:07 AM</u>	<u>12% Excess</u>
<u>30 bbls 7.0/m 520 psi 10:09 AM</u>	<u>74.4 bbls of Slurry</u>
<u>40 bbls 7.2/m 310 psi 10:11 AM</u>	
<u>50 bbls 1.0/m 340 psi 10:15 AM</u>	
<u>51 bbls 1.0/m 340 psi 10:17 AM</u>	
<u>Bump Plug 1050 psi 10:17 AM</u>	

Left w 371 sks of Cement 2 gal 3 qt KCl 22 oz Dye 11 bbls Slurry Back

[Signature] AUTHORIZATION TO PROCEED WSS TITLE 6-18-11 DATE