

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9761  
LOCATION WCR 43 + 30  
FOREMAN Daniel Saltzman

## TREATMENT REPORT

DATE <u>4-6-11</u>	WELL NAME <u>Frank DC H22-200</u>	SECTION <u>22</u>	TWP <u>3N</u>	RGE <u>65W</u>	COUNTY <u>Weld</u>	FORMATION
CHARGE TO <u>Noble</u>			OWNER			
MAILING ADDRESS			OPERATOR <u>Noble</u>			
CITY			CONTRACTOR <u>ENSGR 136</u>			
STATE ZIP CODE			DISTANCE TO LOCATION			
TIME ARRIVED ON LOCATION <u>11:23 pm</u>			TIME LEFT LOCATION <u>3:15 AM</u>			

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>722.0</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
POTA <u>667.0</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>712.0</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>24 1/2</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, Safety meeting, PSI test, Circ 40 bbls of H<sub>2</sub>O w/ 10 oz Dye, mix & pump 306 sks of Cement @ 30% EYCESS @ 15.2 lb @ 1.27 field or until stopped BY Command, Drop Plug Displace 42.4 bbls of H<sub>2</sub>O, Bump Plug @ 150 psi over lift psi, wait 5 min Release psi, washup Rig Down  
11:20 test ok

Arrived w 700 sks of Cement 491 kch 32 oz Dye bbls of Slurry Back

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS Safety meeting 1:32 AM Circ 1:53 AM Cement 2:02 AM  
Drop Plug 2:20 AM Displace 2:20 AM

10 bbls	6.0 /m	260 psi	2:24 AM	Used 12% EYCESS 264 sks of Cement 59.7 bbls of Slurry	
20 bbls	6.0 /m	350 psi	2:25 AM		
30 bbls	6.0 /m	460 psi	2:27 AM		
40 bbls	2.5 /m	290 psi	2:29 AM		
42.4 bbls	1.0 /m	300 psi	2:31 AM		
Bump Plug 560 psi				2:31 AM	

left w 436 sks 391 kch 22 oz Dye 8 bbls of Slurry Back

W.S.S. 4-6-11  
AUTHORIZATION TO PROCEED TITLE DATE