

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10615
LOCATION WLR 388 +55 1/2
FOREMAN Mike Rosales
LR Mark

TREATMENT REPORT

DATE <u>11-5-11</u>	WELL NAME <u>Peterson B-10 -25</u>	SECTION <u>10</u>	TWP <u>5</u>	RGE <u>64W</u>	COUNTY <u>Weld</u>	FORMATION
CHARGE TO <u>Noble</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>Noble</u>				
CITY		CONTRACTOR <u>Cade 21</u>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>7:00 AM</u>		TIME LEFT LOCATION				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>620</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PBTD 567.47</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>617.7</u>		TREATMENT VIA	TYPE OF TREATMENT		
CASING WEIGHT <u>24135</u>	PACKER DEPTH		TREATMENT RATE		
CASING CONDITION <u>Good</u>			[] SURFACE PIPE		
			[] PRODUCTION CASING		
			[] SQUEEZE CEMENT		
			[] ACID BREAKDOWN		
			[] ACID STIMULATION		
			[] ACID SPOTTING		
			[] MISC PUMP		
			[] OTHER		
PRESSURE SUMMARY			HYD HHP = RATE X PRESSURE X 40.8		
BREAKDOWN or CIRCULATING psi	AVERAGE psi		BREAKDOWN BPM		
FINAL DISPLACEMENT psi	ISIP psi		INITIAL BPM		
ANNULUS psi	5 MIN SIP psi		FINAL BPM		
MAXIMUM psi	15 MIN SIP psi		MINIMUM BPM		
MINIMUM psi			MAXIMUM BPM		
			AVERAGE BPM		

INSTRUCTIONS PRIOR TO JOB Rig up, Sattymeting, PSE TEST, Circulate 40 BBLs heel / KCL mix 2nd 10 Dye
mix + Dump 262 sks Cement (30% Excess) yield 107 at 15-21 lbs or until Pumping men stoppers us
Release Plug Displace 361 BBLs H2O Bump Plug, 150 PSI over-lift wait 5 min Release PSE WASH
up Rig Down. Did TOP Job 6 BBLs max
Arrived with 575 sks Cement 10gh KCL 16 oz Dye Slurry 59

JOB SUMMARY
DESCRIPTION OF JOB EVENTS Sattymeting 8:25 AM Circulate 8:52 AM Cement 9:01 AM
DROP Plug 9:27 AM Displace 9:27 AM

10 BBLs at 5-5 BBLs/m 9:30 AM 350 PSI Used 69 % Excess
20 BBLs at 5-5 BBLs/m 9:32 AM 430 PSI Used 343 sks Cement
30 BBLs at 3-5 BBLs/m 9:34 AM 330 PSI 77 Slurry
361 BBLs at 1-5 BBLs/m 9:35 AM 320 PSI
Bump Plug 1-0 BBLs 9:35 AM 590 PSI
Flow Collar didn't hold

Left with sks Cement 9ths KCL, 0 Dye
BBBs BACK (3)

MS
AUTHORIZATION TO PROCEED

TITLE

11-5-11

DATE