

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10728
LOCATION WCR 49132
FOREMAN Mel Rosalee
LA Mark

TREATMENT REPORT

DATE <u>12-11-11</u>	WELL NAME <u>Butterball H24-69 AM</u>	SECTION <u>19</u>	TWP <u>3</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>H+P 322</u>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>12:15 AM</u>		TIME LEFT LOCATION <u>8:10</u>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>13 3/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>698</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PBTD 648.45</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>9 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>693.27</u>	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE	
CASING WEIGHT <u>36 LBS</u>	PACKER DEPTH	[] SURFACE PIPE		BREAKDOWN BPM	
CASING CONDITION		[] PRODUCTION CASING		INITIAL BPM	
		[] SQUEEZE CEMENT		FINAL BPM	
		[] ACID BREAKDOWN		MINIMUM BPM	
		[] ACID STIMULATION		MAXIMUM BPM	
		[] ACID SPOTTING		AVERAGE BPM	
		[] MISC PUMP			
		[] OTHER		HYD HHP = RATE X PRESSURE X 40.8	

INSTRUCTIONS PRIOR TO JOB Rig up, Saffymectin, PSE Test 500 PSE, Circulate BBBs 50 H2O/KCL mix
2nd 10 Dye, mix + Pump 376 SKS Cement (30% Excess) yield 1.27, at 15-21BS or until
Company men stopper us. Release Plug Displace 501 BPM H2O Bump Plug 150 over 1.1ft PSE Release
PSE Wash up Rig Down H2O Test Good

Arrived with 750 SKS 12 gals KCL 1600 Dye Slurry 85.0

JOB SUMMARY
DESCRIPTION OF JOB EVENTS Saffymectin 5:18 AM Circulate 6:00 AM Cement 6:11 AM
DROP Plug 6:40 AM Displace 6:40 AM

10 BBBs at 50 BBBs/m 6:41 AM 130 PSE Used 8 40 EXCESS
20 BBBs at 50 BBBs/m 6:43 AM 200 PSE Used 314 SKS Cement
30 BBBs at 50 BBBs/m 6:45 AM 310 PSE Slurry 21.0
40 BBBs at 35 BBBs/m 6:47 AM 400 PSE
50 BBBs at 15 BBBs/m 6:57 AM 300 PSE Flow Celler held
50.1 BBBs at 15 BBBs/m 6:57 AM 250 PSE
Bump Plug 1-5 BBBs/m at 6:57 AM 500 PSE BBBs BACK P.T
6
Left with 436 SKS Cement 7 gals KCL 0 Dye

Roger Foster WSS 12-11-11
AUTHORIZATION TO PROCEED TITLE DATE