

BISON OIL WELL CEMENTING, INC.



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INVOICE # 10074

LOCATION Waller

FOREMAN ED

TREATMENT REPORT

DATE <u>12/24/11</u>	WELL NAME <u>State 6-81-24-4</u>	SECTION <u>24</u>	TWP <u>6N</u>	RGE <u>81W</u>	COUNTY <u>Jackson</u>	FORMATION
CHARGE TO <u>Dakotah</u>			OWNER			
MAILING ADDRESS			OPERATOR			
CITY			CONTRACTOR			
STATE ZIP CODE			DISTANCE TO LOCATION <u>300</u>			
TIME ARRIVED ON LOCATION <u>2:30</u>			TIME LEFT LOCATION			

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>761</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>718 PB</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>9 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>760</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>36 #</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

MIRU Safety Circ M&P Deep plug Displ
421 sks, 48 bbl 55.5 bbl
50/50 pot w/3% CCA
100% EXCESS per Ed 15.2 lb, 1.13 yld, 4.78 gal/sk

JOB SUMMARY

DESCRIPTION OF JOB EVENTS

TIME	PSI	TIME	TIME	TIME
<u>MIRU Safety</u>		<u>M&P</u>	<u>Displ</u>	<u>Shut-in</u>
<u>3:00</u>		<u>3:30</u>	<u>4:10-4:30</u>	<u>5:12</u>
	<u>0</u>	<u>4:40</u>		
	<u>200</u>	<u>4:44</u>		
	<u>160</u>	<u>4:49</u>		
	<u>170</u>	<u>4:54</u>		
	<u>260</u>	<u>5:00</u>		
	<u>290</u>	<u>5:05</u>		
	<u>1185</u>	<u>5:10</u>		

0 bbl to pit

[Signature] WSM
AUTHORIZATION TO PROCEED TITLE
DATE 7-24-2011