

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 11753
LOCATION Sterling
FOREMAN _____

TREATMENT REPORT

DATE <u>1-30-13</u>	WELL NAME <u>State 44-36</u>	SECTION <u>36</u>	TWP <u>11N</u>	RGE <u>54W</u>	COUNTY <u>Logan</u>	FORMATION
CHARGE TO <u>Excell</u>		OWNER <u>Single Tree</u>				
MAILING ADDRESS		OPERATOR				
CITY		CONTRACTOR <u>Excell Nis 3</u>				
STATE ZIP CODE		DISTANCE TO LOCATION <u>90</u>				
TIME ARRIVED ON LOCATION <u>7:40</u>		TIME LEFT LOCATION				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>11"</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>483</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>85/8"</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>476</u>	PACKER DEPTH <u>436</u>	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>23"</u>			[] SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION <u>good</u>			[] PRODUCTION CASING		INITIAL BPM
PRESSURE SUMMARY			[] SQUEEZE CEMENT		FINAL BPM
BREAKDOWN or CIRCULATING psi	AVERAGE psi		[] ACID BREAKDOWN		MINIMUM BPM
FINAL DISPLACEMENT psi	ISIP psi		[] ACID STIMULATION		MAXIMUM BPM
ANNULUS psi	5 MIN SIP psi		[] ACID SPOTTING		AVERAGE BPM
MAXIMUM psi	15 MIN SIP psi		[] MISC RUMP		
MINIMUM psi			[] OTHER		HYD FHP = RATE X PRESSURE X 40.8

INSTRUCTIONS PRIOR TO JOB MTRU 5m circ 10 bbls dye 10 bbls fresh mvp. B3-Jack @ 15.2
15 gal yield of 1.07 after water in 0.4-2 gal/hr mix until dye is seen
shut down drop plug Displace 27.5 bbls H2O then x 29 well 115 down

JOB SUMMARY
DESCRIPTION OF JOB EVENTS
Did a surface MTRU circ 10 bbls dye. 10 bbls fresh then mix
160 sks at 15.2 15 gal yield of 1.07 after, we mix till we seen
dye, we shut down drop plug then Dis 27.5 bbls H2O shut well in
then rig down

Circ 12 BBLs Top

[Signature] AUTHORIZATION TO PROCEED [Signature] TITLE 1/30/13 DATE