

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10653

LOCATION Last Chance Co

FOREMAN Joe Shup

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
11/21/2011	Boersma Fanno 1	SWSW 23	3S	56 W	Washington	

CHARGE TO <u>Gary Nail</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Fritzler Resources</u>
CITY	CONTRACTOR <u>Gary Nail</u>
STATE ZIP CODE	DISTANCE TO LOCATION <u>85</u>
TIME ARRIVED ON LOCATION <u>9:55p</u>	TIME LEFT LOCATION

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>7 7/8</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>5054</u>	TUBING DEPTH	SHOTS/FT		SURFACE PIPE ANNULUS LONG	
	TUBING WEIGHT	OPEN HOLE		STRING	
CASING SIZE <u>4 1/2</u>	TUBING CONDITION			TUBING	
CASING DEPTH <u>5054</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>16.6</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		
			[X] OTHER <u>PEA</u>		HYD HHP = RATE X PRESSURE X 40.8

PRESSURE SUMMARY			
BREAKDOWN or CIRCULATING psi	AVERAGE psi		
FINAL DISPLACEMENT psi	ISIP psi		
ANNULUS psi	5 MIN SIP psi		
MAXIMUM psi	15 MIN SIP psi		
MINIMUM psi			

INSTRUCTIONS PRIOR TO JOB MIU, Safety, BC, MEP, Displace, CRD

Op Cap .01422
50% cement 50% ash 3% colloid 135 sacks noted
Plug #1 5054', 5.6 bbl/min H₂O 60 sacks Plug #3 1.4 bbl H₂O 15
Plug #2 62', 4.6 bbl/min H₂O 50 sacks Rat/Mouse 16 bbl H₂O 10 sacks

JOB SUMMARY
DESCRIPTION OF JOB EVENTS MIU @ safety 200am Safety @ 215 BC @ 220

① MEP @ 220am 60 sacks 5.6 bbl H₂O 5
② Displace @ 109.5 50
③ MEP @ 106pm 10
50 sacks 4.6 bbl H₂O 20
④ MEP @ 30
25 sacks 2.3 bbl H₂O 40
50
58
Rig Displace
63 bbl with drilling mud

[Signature] AUTHORIZATION TO PROCEED Tool pusher TITLE 11/22/ DATE