

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
Denver, Colorado 80202
Phone: 303-296-3010
Fax: 303-298-8143
E-mail: bisonoil1@qwestoffice.net

TREATMENT REPORT

DATE	12-31-11	WELL NAME	BH Farms 1133-12D	SECTION	33	TWP	7N	RGE	66W	COUNTY	Weld	FORMATION	
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REF. INVOICE # 10866

LOCATION 74-29

FOREMAN Kirk KallioFS

Jackie Davis

CHARGE TO	Mobile	OWNER	
Mailing Address	Mobile	OPERATOR	Mobile
CITY		CONTRACTOR	Saxon 1413
STATE ZIP CODE		DISTANCE TO LOCATION	
TIME ARRIVED ON LOCATION	8:00am	TIME LEFT LOCATION	11:00am

WELL DATA		PRESSURE LIMITATIONS	
HOLE SIZE	12 1/4	THEORETICAL	INSTRUCTED
TUBING SIZE	10 3/8	THEORETICAL	INSTRUCTED
TUBING DEPTH	1036	THEORETICAL	INSTRUCTED
TUBING WEIGHT	870 992.55	THEORETICAL	INSTRUCTED
TUBING CONDITION	8 3/8	THEORETICAL	INSTRUCTED
CASING DEPTH	1037.98	THEORETICAL	INSTRUCTED
CASING WEIGHT	246	THEORETICAL	INSTRUCTED
CASING CONDITION	good	THEORETICAL	INSTRUCTED

PRESSURE SUMMARY		TYPE OF TREATMENT	
BREAKDOWN or CIRCULATING	psi	1 SURFACE PIPE	BREAKDOWN BPM
FINAL DISPLACEMENT	psi	1 PRODUCTION CASING	INITIAL BPM
ANNULUS	psi	1 SOEZE CEMENT	FINAL BPM
5 MIN SIP	psi	1 ACID BREAKDOWN	MINIMUM BPM
15 MIN SIP	psi	1 ACID STIMULATION	MAXIMUM BPM
MAXIMUM	psi	1 ACID SPOTTING	AVERAGE BPM
MINIMUM	psi	1 MISC PUMP	
	psi	1 OTHER	

INSTRUCTIONS PRIOR TO JOB
 Rig up, safety, mixing, Bails, Per cement, 40 sacks, 120 mix, 120 pump lead
 cement 31155 at 14.8 lbs at 1.32 gal, mix, 120 pump lead, 100 sacks 152155, 127 gal, Release
 Plug Dip, 632 BBS 120, Bump Plug At 150 psi, over lift B, hard 5 min, Release B, wash up
 Rig down
 Arrived 12055 30 cement 450 sacks treatment 4 gal B
 731 slurry lead 226 slurry
 Job SUMMARY
 DESCRIPTION OF JOB EVENTS
 Safety, mixing, 9:10 am
 Displace 10:10 am
 10 BBS At 6:0 BBS/m 10:12 am 220 psi
 20 BBS At 6:0 BBS/m 10:13 am 300 psi
 30 BBS At 6:0 BBS/m 10:15 am 320 psi
 40 BBS At 6:0 BBS/m 10:16 am 430 psi
 50 BBS At 6:0 BBS/m 10:18 am 520 psi
 60 BBS At 7:0 BBS/m 10:21 am 400 psi
 63.2 BBS At 10:315/m 10:22 am 400 psi
 Bump Plug 10:22 am 600 psi

used 31155 cement lead
 731 BBS slurry
 used 100 sacks cement tail
 22.6 BBS slurry
 40 BBS At 6:0 BBS/m 10:16 am 430 psi
 50 BBS At 6:0 BBS/m 10:18 am 520 psi
 60 BBS At 7:0 BBS/m 10:21 am 400 psi
 63.2 BBS At 10:315/m 10:22 am 400 psi
 Bump Plug 10:22 am 600 psi

DATE 12-31-11
 TITLE
 AUTHORIZATION TO PROCEED
 12-31-11

Customers hereby acknowledge and specifically agree to the terms and conditions on this work order, including, without limitation, the provisions on the reverse side hereof which include the release and indemnity.