

# BISON OIL WELL CEMENTING, INC.



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

REF. INVOICE # 11009

LOCATION WCE 127-104

FOREMAN Mike Rosakz

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
5-26-12	IBO Creek PC 16-63 Hn	16	9	52	Weld	

CHARGE TO	Noble	OWNER	
MAILING ADDRESS		OPERATOR	Noble
CITY		CONTRACTOR	H+P 326
STATE ZIP CODE		DISTANCE TO LOCATION	
TIME ARRIVED ON LOCATION	9:30 P.M.	TIME LEFT LOCATION	4:30 AM

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	13 3/4	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
TOTAL DEPTH	1223	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
DATA 1173.83		TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE	9 5/8	TUBING CONDITION		TUBING	
CASING DEPTH	1218.7	TREATMENT VIA		TYPE OF TREATMENT	TREATMENT RATE
CASING WEIGHT	36.185	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM
CASING CONDITION	Good			<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM
				<input type="checkbox"/> SOOZE CEMENT	FINAL BPM
				<input type="checkbox"/> ACID BREAKDOWN	MINIMUM BPM
				<input type="checkbox"/> ACID STIMULATION	MAXIMUM BPM
				<input type="checkbox"/> ACID SPOTTING	AVERAGE BPM
				<input type="checkbox"/> MISC PUMP	
				<input type="checkbox"/> OTHER	HYD HHP = RATE X PRESSURE X 40 S

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 Rig up, Safety meeting, PSI Test 500 PSI Circ 90 BBH Hn KCL mix 2" 10 Dye mix + Pumpa Lead 386 sks Cement (30% Excess) at 1.69 yield at 13.1 lbs then Tail of 113 sks yield 1.27 at 15-2. Release Plug Displace 90.7 BBH Hn Bump Plug 150 PSI over 1.5" wait Bump min Release PSI Wash up Rig Down Slurry Hn Test

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS  
Safteymark 1:00 AM Displace 1:40 AM Cement START 2:05 AM  
Cement STOP 2:34 DROP Plug 2:38 AM Displace 2:38 AM Lead  
10 BBH at 5-8 BBH/m 241 AM 280 PSI Excess 14 %  
20 BBH at 5-8 BBH/m 243 AM 270 PSI Bump Plug 1-3 BBH 300 USED 341 sks Cement  
30 BBH at 5-8 BBH/m 245 AM 270 PSI 560 PSI Slurry 721  
40 BBH at 5-8 BBH/m 247 AM 320 PSI Flow Collar held Tail  
50 BBH at 5-8 BBH/m 249 AM 380 PSI SKS USED 114  
60 BBH at 5-8 BBH/m 252 AM 450 PSI Slurry 25.7  
70 BBH at 5-6 BBH/m 254 AM 550 PSI  
80 BBH at 5-2 BBH/m 256 AM 610 PSI Lett with 295 sks  
90 BBH at 1-3 BBH/m 300 AM 400 PSI & KCL & Dye BBHs Back to PT  
90.7 BBH at 1-3 BBH/m 300 AM 560 PSI (20)

Signature

AUTHORIZATION TO PROCEED

WSS

TITLE

5-26-12

DATE