

BISON OIL WELL CEMENTING, INC.



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TREATMENT REPORT

REF. INVOICE # 10882
LOCATION 441-39
FOREMAN Mike Kelly
Tucker Devco

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
1-22-12	Shale 617-23D	17	4N	65W	weld	

CHARGE TO	MAILING ADDRESS	CITY	STATE ZIP CODE	TIME ARRIVED ON LOCATION
Mobile				7:30pm
OWNER	OPERATOR	CONTRACTOR	DISTANCE TO LOCATION	TIME LEFT LOCATION
	Mobile	Saxon 144		10:00pm

WELL DATA		PRESSURE LIMITATIONS	
PERFORATIONS	THEORETICAL	INSTRUCTED	
TUBING SIZE	12 1/4		
TUBING DEPTH	702		
SHOTS/FT			
OPEN HOLE			
TUBING WEIGHT	650.51		
CASING SIZE	8 7/8		
CASING DEPTH	696.01		
CASING WEIGHT	2415		
CASING CONDITION	good		
PACKER DEPTH			
TYPE OF TREATMENT			
1 SURFACE PIPE			
1 PRODUCTION CASING			
1 SOEZE CEMENT			
1 ACID BREAKDOWN			
1 ACID STIMULATION			
1 ACID SPOTTING			
1 MISC PUMP			
1 OTHER			
HYD HHP = RATE X PRESSURE X 40.8			

PRESSURE SUMMARY		INSTRUCTIONS PRIOR TO JOB	
FINAL BPM	15 MIN SIP	Big up, safe cementing, Pistoff, Performer, C/C, H2O, and 1/2 msc, Pump	
MINIMUM BPM	5 MIN SIP	29755 cement at 30% excess at 1274 ft. At 15215 or until cement stops its movement from 50% excess	
MAXIMUM BPM	ISIP	Release Plug Disp 91.4 BBS H2O, Pump Plug at 150 P/B over 1.5 ft. P/B, and 5 min Release P/B, wash up	
AVERAGE	psi	Big down	
FINAL DISPLACEMENT	psi	Arrived at 10:00 cement 91.4 BBS 1000 Dye	
ANNULUS	psi	JOB SUMMARY	
MAXIMUM	psi	DESCRIPTION OF JOB EVENTS	
MINIMUM	psi	Plug Plug 91.06pm Displace 91.06pm	

JOB SUMMARY		DESCRIPTION OF JOB EVENTS	
10 BBS at 6.0 BBS/in 91.08pm 200psi	used 58% excess	used 36.45 BBS cement	
20 BBS at 6.0 BBS/in 91.10pm 350psi			
30 BBS at 6.0 BBS/in 91.11pm 430psi			
40 BBS at 6.0 BBS/in 91.14pm 300psi			
41.4 BBS at 6.0 BBS/in 91.15pm 250psi			
Plug Plug 91.15pm 450psi			

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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.