

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9372

LOCATION Cr 47-34 1/2

FOREMAN Kirk Kallholz  
Mike R, Tucker, Gary A

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
10-25-10	Stroh H12-32	12	3N	6SW	Weld	
CHANGE TO	Cable					
MAILING ADDRESS	OWNER					
CITY	OPERATOR					
STATE ZIP CODE	CONTRACTOR					
TIME ARRIVED ON LOCATION	DISTANCE TO LOCATION					
	TIME LEFT LOCATION					

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
12 1/4					
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
640.7					
PBTD	TUBING WEIGHT	OPEN HOLE	STRING		
642.71					
CASING SIZE	TUBING CONDITION		TUBING		
8 7/8					
CASING DEPTH	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE	
684.75					
CASING WEIGHT	PACKER DEPTH	[X] SURFACE PIPE		BREAKDOWN BPM	
2416		[ ] PRODUCTION CASING		INITIAL BPM	
CASING CONDITION		[ ] SQUEE CEMENT		FINAL BPM	
good		[ ] ACID BREAKDOWN		MINIMUM BPM	
		[ ] ACID STIMULATION		MAXIMUM BPM	
		[ ] ACID SPOTTING		AVERAGE BPM	
		[ ] MISC PUMP			
		[ ] OTHER		HYD HHP = RATE X PRESSURE X 4.08	

PRESSURE SUMMARY			
BREAKDOWN or CIRCULATING	psi	AVERAGE	psi
FINAL DISPLACEMENT	psi	60P	psi
ANNULUS	psi	5 MIN SIP	psi
MAXIMUM	psi	15 MIN SIP	psi
MINIMUM	psi		

INSTRUCTIONS PRIOR TO JOB Rig up, Safety meeting, Ps test, circ 40 BBLs H2O and 1000 Dye, mix Pump 242 SKs cement at 30% Excess at 1.27 yield at 15.2 lbs or until cream steps up, Release plug Displace 40.6 BBLs H2O, Pump Plug At 150psi over Lift Psi wait 5 min Release Psi, work up Rig Down.

Arrival w/ 575 SKs cement 4 gallons KCL 16oz Dye H2O test OK  
65.9 BBLs slurry

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS Safety meeting 11:33 am circ 11:53 am cement 12:04 pm  
Drop Plug 12:23 pm Displace 12:23 pm

10 BBLs At 5.5 BBLs/m 12:26 pm 370 psi used 14% Excess  
20 BBLs At 5.5 BBLs/m 12:28 pm 530 psi used 257 SKs cement  
30 BBLs At 5.5 BBLs/m 12:30 pm 550 psi 57.8 BBLs slurry  
40 BBLs At 1.0 BBLs/m 12:36 pm 280 psi  
40.6 BBLs At 1.0 BBLs/m 12:36 pm 280 psi  
Bump Plug 12:36 pm 410 psi

Lift w/ 318 SKs cement 3 gallons KCL 6oz Dye BBLs Back 13

*[Signature]*  
AUTHORIZATION TO PROCEED

TITLE

10-25-10

DATE

Customer hereby acknowledges and specifically agrees 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.