

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9378

LOCATION cr 76-33

FOREMAN Kirk Kallhafer  
Mike R. Tucker, Guy A.

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
11-5-10	willson 35-25	35	7N	66W	weld	

CHARGE TO Noble	OWNER
MAILING ADDRESS	OPERATOR Noble
CITY	CONTRACTOR Cade 24
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION 6:00 am	TIME LEFT LOCATION 1:00 pm

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 12 1/4	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH 790.5	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD 736	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 8 9/8	TUBING CONDITION		TUBING		
CASING DEPTH 780		TREATMENT VIA	TYPE OF TREATMENT		
CASING WEIGHT 24 lb	PACKER DEPTH		TREATMENT RATE		
CASING CONDITION good			<input checked="" type="checkbox"/> SURFACE PIPE <input type="checkbox"/> PRODUCTION CASING <input type="checkbox"/> SQUEEZE CEMENT <input type="checkbox"/> ACID BREAKDOWN <input type="checkbox"/> ACID STIMULATION <input type="checkbox"/> ACID SPOTTING <input type="checkbox"/> MISC PUMP <input type="checkbox"/> OTHER		
				BREAKDOWN BPM	
				INITIAL BPM	
				FINAL BPM	
				MINIMUM BPM	
				MAXIMUM BPM	
				AVERAGE BPM	
				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 Rig up, Safety meeting, Psi test circ 40 BBLs H2O, 2nd 10w/Dye, Mix E Pump 334  
SKs cement at 30% Excess at 11:27 yield at 15.2 lbs cement. 11 running stops up, Release Pkg Displace  
46.8 BBLs H2O, Pump Pkg at 150psi over LFT Psi wait 5min Release Psi wash up Rig Down.  
H2O test OK

Arrived w/ 575 SKs cement 4 gallons Kel 16oz Dye 75.5 BBLs slurry

JOB SUMMARY DESCRIPTION OF JOB EVENTS Safety meeting 11:11 am circ 11:26 am cement 11:37 am

Drop Pkg 12:00 pm Displace 12:00 pm

used 30% Excess  
used 334 SKs  
75.5 BBLs slurry  
10 BBLs At 5.5 BBLs/m 12:02 pm 370 psi  
20 BBLs At 5.5 BBLs/m 12:04 pm 460 psi  
30 BBLs At 5.5 BBLs/m 12:06 pm 510 psi  
40 BBLs At 3.5 BBLs/m 12:09 pm 400 psi  
46.8 BBLs At 1.0 BBLs/m 12:15 pm 310 psi  
Bump Pkg 12:15 pm 440 psi

LFT w/ 241 SKs cement 3 gallons Kel 6oz Dye 13 BBLs Back 12

11-5-10