

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9552
LOCATION WER 68+63
FOREMAN Daniel Saltema

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	R.1E	COUNTY	FORMATION
1-27-11	Pepper PEAR 17-20	17	6N	63W	Weld	
CHARGE TO	OWNER					
MAKING ADDRESS	OPERATOR					
CITY	CONTRACTOR					
STATE ZIP CODE	DISTANCE TO LOCATION					
TIME ARRIVED ON LOCATION	TIME LEFT LOCATION					

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
POTD	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE	TUBING CONDITION		TUBING		
CASING DEPTH	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE	
CASING WEIGHT	PACKER DEPTH	[] SURFACE PIPE		BREAKDOWN BPM	
CASING CONDITION		[] PRODUCTION CASING		INITIAL BPM	
		[] SQUEEZE CEMENT		FINAL BPM	
		[] ACID BREAKDOWN		MINIMUM BPM	
		[] ACID STIMULATION		MAXIMUM BPM	
		[] ACID SPOTTING		AVERAGE BPM	
		[] MISC PUMP			
		[] OTHER		HYD HP = RATE X PRESSURE X 40.8	

INSTRUCTIONS PRIOR TO JOB: Rig up, Safety meeting, PSI test, Circ 30 bbls of H₂O w/ KCl 2nd 10w/10oz Dye, mix + pump 248 sks of Cement @ 30% Excess @ 15.2 lb @ 1.27 yield or until Stopped by Company Drop Plug Displace 341 bbls of H₂O Bump Plug @ 150 PSI over LFK PSI wait 5 min Release PSI Washup Rig Down H₂O test OK Arrived w 700 sks of Cement 9 gal KCl 32oz Dye 56.6 bbls of Slurry

JOB SUMMARY: DESCRIPTION OF JOB EVENTS: Safety meeting 3:14 AM Circ 3:42 AM Cement 3:54 AM Drop Plug 4:16 PM Displace 4:16 AM

10 bbls	6.0/m	500 psi	4:20 AM	Used 51% Excess
20 bbls	6.0/m	540 psi	4:22 AM	286 sks of Cement
30 bbls	2.5/m	430 psi	4:25 AM	64.6 bbls of Slurry
341 bbls	1.0/m	290 psi	4:27 AM	
Bump Plug		450 psi	4:27 AM	

Left with 1414 sks of Cement 3 gal 1 qt KCl 22oz Dye
10 DAYS of Slurry Back

Signature

1-27-11