

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10311

LOCATION 55-80

FOREMAN Kirk Kallhoff  
Jesse Richard

## TREATMENT REPORT

DATE 9-21-11	WELL NAME Walker AB12-08	SECTION 12	TWP 7N	RGE 64W	COUNTY weld	FORMATION
CHARGE TO Nole		OWNER				
MAILING ADDRESS		OPERATOR Nole				
CITY		CONTRACTOR Code 21				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION 2:30am		TIME LEFT LOCATION 7:30am				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 12 1/4	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH 845	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBD 790.23	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 8 5/8	TUBING CONDITION		TUBING		
CASING DEPTH 835.63		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 24 lb	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 40.8

### 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, Psitest, Perccoman, circ 50 BBLs Rd H2O, 2nd 104 Dye, mix Pump  
357 SKs cement at 30% Excess at 1127 yield at 152 lbs or until stopped by coman no more than 30% Excess  
Release Plug Displace 50.3 BBLs H2O, Bump Plug At 150 psi over Lift Psi, wait 5 min Release Psi, wash up  
Rig Down. H2O test OK

Arrived w/ 575 SKs cement 4 gal Rd 16oz Dye 80.7 BBLs slurry

JOB SUMMARY DESCRIPTION OF JOB EVENTS safety meeting 5:19am circ 5:35am cement 5:45am

Drop Plug 6:23am Displace 6:23am  
10 BBLs At 4.5 BBLs/min 6:26am 140psi used 6% Excess  
20 BBLs At 4.5 BBLs/min 6:28am 150psi used 293 SKs cement  
30 BBLs At 4.5 BBLs/min 6:30am 240psi 66.2 BBLs slurry  
40 BBLs At 4.5 BBLs/min 6:33am 340psi  
50 BBLs At 1.0 BBLs/min 6:41am 310psi  
50.3 BBLs At 1.0 BBLs/min 6:41am 320psi  
Bump Plug 6:41am 550psi

LFT w/ 283 SKs cement 2 gal 3pts Rd 6oz Dye BBLs Back 5

AUTHORIZATION TO PROCEED TITLE DATE 9-21-11

Customers 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