

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9728

LOCATION cr46-61

FOREMAN Kirk Kallho RP  
mike R LR Jessie

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
3-29-11	Sader CC18-14	18	4N	63W	weld	
CHARGE TO Nable		OWNER				
MAILING ADDRESS		OPERATOR Nable				
CITY		CONTRACTOR Ensign 126				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION 3:30am		TIME LEFT LOCATION 8:15am				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 12 1/4	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH 552	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD 526.12	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 8 5/8	TUBING CONDITION		TUBING		
CASING DEPTH 544.72		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 241b	PACKER DEPTH		4" SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION good			PRODUCTION CASING		INITIAL BPM
			SQUEEZE CEMENT		FINAL BPM
			ACID BREAKDOWN		MINIMUM BPM
			ACID STIMULATION		MAXIMUM BPM
			ACID SPOTTING		AVERAGE BPM
			MISC PUMP		
			OTHER		HYD HHP = RATE X PRESSURE X 40.8


INSTRUCTIONS PRIOR TO JOB Rig up, safety meeting, Post test, circ 30 bbls KCL H2O 2nd 104 Dye, mix Pump 234 sks cement at 30% excess at 1127 yield at 15.2 lbs or until cement stops us, Release Plug Displace 33.5 BBLs H2O, Bump Plug at 150 psi over Lift Psi, wait 5 min Release Psi wash up Rig Down

Arrived w/ 575 sks cement 4 gallons KCL 1602 Dye  
52.7 BBLs slurry

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS safety meeting 5:24am circ 5:58am cement 6:06am  
Drop Plug 6:25am Displace 6:25am

10 BBLs @ 5.5 BBLs/m 6:28am 370psi used 46% excess  
20 BBLs @ 5.5 BBLs/m 6:32am 430psi used 264 sks cement  
30 BBLs @ 2.5 BBLs/m 6:35am 260psi 59.2 BBLs slurry  
33.5 BBLs @ 1.0 BBLs/m 6:37am 240psi  
Bump Plug 6:37am 450psi

Lift w/ 311 sks cement 3 gal 1st KCL 600 Dye  
BIBs Back 19

 AUTHORIZATION TO PROCEED  
WELL SUPERVISOR  
3-29-11  
DATE