

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 11316  
 LOCATION 6869  
 FOREMAN Kirk Kallhoff  
Pablo Marie

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
9-5-12	Wells Branch AA 12-62-142	14	6N	63w	Weld	
CHARGE TO	OWNER					
MAILING ADDRESS	OPERATOR					
CITY	CONTRACTOR					
STATE ZIP CODE	DISTANCE TO LOCATION					
TIME ARRIVED ON LOCATION	TIME LEFT LOCATION					
	12:30 pm	6:30 pm				

WELL DATA			PRESSURE LIMITATIONS		
POLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
13 3/4					
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
704					
PBTD	TUBING WEIGHT	OPEN HOLE	STRING		
649					
CASING SIZE	TUBING CONDITION	TREATMENT VIA	TUBING		
9 5/8					
CASING DEPTH	PACKER DEPTH		TYPE OF TREATMENT		TREATMENT RATE
694			<input checked="" type="checkbox"/> SURFACE PIPE <input type="checkbox"/> PRODUCTION CASING <input type="checkbox"/> SOOZE 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 HP = RATE X PRESSURE X 40.8
CASING WEIGHT					
3615					
CASING CONDITION					
good					

### PRESSURE SUMMARY

BREAKDOWN or CIRCULATING	PSI	AVERAGE	PSI
FINAL DISPLACEMENT	PSI	15IP	PSI
ANNULUS	PSI	5 MIN SIP	PSI
MAXIMUM	PSI	15 MIN SIP	PSI
MINIMUM	PSI		

INSTRUCTIONS PRIOR TO JOB Rig up safety meeting, Bit test, Per cement Pump spacer 50 Bbls KLL H2O 2nd low dye mix & Pump 380 SKs cement at 30% excess at 1.27 yield at 15.2 lbs or until all cement steps up, Release Plug Disp Seal Bbls H2O, Pump Plug at 150 psi - Lift Psi, wait 5 min Release Psi, wash up Rig Down  
 H2O test ok  
 85.9 Bbls slurry

Arrived w/ 600 SKs cement 4 gal Red 16oz dye  
 JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS Safety meeting 3:47pm ~~over~~ 4:27pm cement 4:37pm shipment 5:14pm  
 Disp Plug 5:14pm Displace 5:14pm  
 10 Bbls at 6 Bbls/min 5:16pm 300psi  
 20 Bbls at 6 Bbls/min 5:17pm 350psi  
 30 Bbls at 6 Bbls/min 5:19pm 400psi  
 40 Bbls at 6 Bbls/min 5:11pm 450psi  
 50 Bbls at 1 Bbl/min 5:14pm 300psi  
 Pump Plug 5:14pm 500psi

used 40% excess  
 used 409 SKs cement  
 92.5 Bbls slurry

Bit test casing at 1000psi for 15 min

L.P.M.

Bbls Back 15

*[Signature]*  
 AUTHORIZATION TO PROCEED

WSS

9-5-12

DATE

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