

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 11010  
 LOCATION Wqr 40737  
 FOREMAN Mike Roark

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
5-27-12	<u>Rene G 20-03-24W</u>	<u>225</u>	<u>4N</u>	<u>66cc</u>	<u>Weld</u>	
CHARGE TO	OWNER					
MAILING ADDRESS	OPERATOR					
CITY	CONTRACTOR					
STATE ZIP CODE	DISTANCE TO LOCATION					
TIME ARRIVED ON LOCATION	TIME LEFT LOCATION					
	<u>7:00 am</u>		<u>7:30 am</u>			

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
<u>13 3/4</u>					
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>592.05</u>					
CASING SIZE	TUBING WEIGHT	OPEN HOLE	STRING		
<u>9 5/8</u>					
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	TUBING		
<u>636.97</u>					
CASING WEIGHT	PACKER DEPTH		TYPE OF TREATMENT		
<u>36.1BS</u>			TREATMENT RATE		
CASING CONDITION			<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 HEAD = RATE X PRESSURE X 40.8		

### PRESSURE SUMMARY

BREAKDOWN OF 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, PSE Test 500 PSE Circ 40 BBLs h2o/KCL mix 2nd  
10 Dye mix + Pump 346 sks Cement (30% excess) at 1.27 cyls at 15-2 lbs or  
until Company men stopper vs. Release Plug Displace 45.7 BBLs H2o Bump Plug 150  
PSE over 1st wait couple min Release, Wash up Rig Down 78.26 Slurry  
Arrived with 600 sks Cement 10 gal KCL 1602 Dye H2o

JOB SUMMARY  
 DESCRIPTION OF JOB EVENTS Safety meeting 5:10 AM Circ 5:30 pm Cement START 5:55 AM  
Cement 570 P 6:12 AM DRWP Plug 6:16 AM Displace 6:16 AM

10 BBLs at 5-7 BBLs/m 6:20 am 290 PSE used 23 % excess  
20 BBLs at 5-7 BBLs 6:22 am 360 PSE used 328 sks cement  
30 BBLs at 5-7 BBLs 6:24 am 420 PSE Slurry 74.1  
40 BBLs at 3-2 BBLs 6:26 am 350 PSE Flow better held  
45.7 BBLs at 1-3 BBLs 6:28 am 300 PSE  
Bump Plug 1-3 BBLs 6:28 am 500 PSE

Left with 272 sks cement 6 gal KCL 16 Dye BBLs Back to P.T

Tim [Signature] AUTHORIZATION TO PROCEED WSS TITLE 5-12 DATE