

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
Denver, Colorado 80202
Phone: 303-296-3010
Fax: 303-298-8143
E-mail: bisonoil1@qwestoffice.net

REF. INVOICE # 10342

LOCATION WCR 36715

FOREMAN Mike Rosalce
L.R. Marks

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
9-21-11	Berry P08 29-1D	8	3N	67W	Weld	

CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>Ensign 126</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>6:15 PM</u>	TIME LEFT LOCATION <u>10:00</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>541</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PBTD 492.68</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>537.5</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>241BS</u>	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING CONDITION <u>Good</u>			<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM	
			<input type="checkbox"/> SQUEEZE 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, PSE Test, Circulate BBls H2O/KCL mix 2nd
ten Dye, pump 229 sks Cement (30% Excess) yield 127 at 15.2 lbs/or until Company men
stopper us No more than 30% Excess per Company men, Release Plug Displace 31.3 BBls H2O Bump plug
at 150 PSI out-lift, wait 5 min Release PSE washup Rig Down H2O Test Good
Arrive with 575 sks Cement 2 gal KCL 16 oz Dye Slurry 51.7

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety meeting 8:15 PM Circulate 8:42 PM Cement 8:52 PM
Drop Plug 9:11 PM Displace 9:11 PM

10 BBls at 5-0 BBls/m 9:12 250 PSI Used 13 % Excess
20 BBls at 5-0 BBls/m 9:14 390 PSI Used 200 sks Cement
30 BBls at 4-0 BBls/m 9:17 PM 320 PSI 45.2 Slurry
31.3 BBls at 3-0 BBls/m 9:19 PM 360 PSI
Bump Plug 9:19 PM 560 PSI

BBls Back 10

Left with 375 sks Cement 1 gal / gal KCL & Dye

[Signature]
AUTHORIZATION TO PROCEED

CO-MAN
TITLE

9-21-11
DATE