

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 11632

LOCATION 26-33

FOREMAN Kirk Kallha FF  
Pablo Mario Dario

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
12-7-12	Fone 1C-2N	8	2N	66W	weld	

CHARGE TO Encana	OWNER
MAILING ADDRESS	OPERATOR Encana
CITY	CONTRACTOR Ensign 135
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION 9:00pm	TIME LEFT LOCATION 3:30am

### WELL DATA

### PRESSURE LIMITATIONS

HOLE SIZE 12 1/4	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH 1052	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD 1008	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 9 5/8	TUBING CONDITION		TUBING		
CASING DEPTH 1052		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 4015	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING CONDITION good			<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, Psi test, Perroman circ 30 BBls KCL H2O, 3rd 10w/Dye, mix & Pump 430 sks cement at 60% Excess at 1127yeild at 15.2 lbs, Release Plug, Disp 76.4 BBls H2O Pump Plug At 480 Psi over Lift Psi, wait 5min Release Psi, wash up Rig Down.

H2O test OK

Arrived w/ 750 sks cement 4 gal KCL 16oz Dye

97.2 BBls slurry

### JOB SUMMARY

DESCRIPTION OF JOB EVENTS safety meeting 1:02am circ 1:25am cement 1:31am stop cement 1:54am  
Drop Plug 1:57am Displace 1:57am  
10 BBls At 6 BBls/m 1:59am 310psi  
20 BBls At 6 BBls/m 2:01am 340psi  
30 BBls At 6 BBls/m 2:02am 470psi  
40 BBls At 6 BBls/m 2:04am 610psi  
50 BBls At 6 BBls/m 2:05am 710psi  
60 BBls At 6 BBls/m 2:07am 760psi  
70 BBls At 3.5 BBls/m 2:08am 610psi  
76.4 BBls At 1 BBls/m 2:12am 420psi  
Pump Plug 2:12am 850psi  
Lift w/ 320 sks cement 3 gal 1st KCL 6oz Dye

Used 60% Excess

used 430 sks cement

97.2 BBls slurry

BBls Back 23

*[Signature]*

AUTHORIZATION TO PROCEED

TITLE

12-7-12

DATE