

# BISON OIL WELL CEMENTING, INC.



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E-mail: bisonoil1@qwestoffice.net

REF. INVOICE # 9592

LOCATION Cr 74-65

FOREMAN Kirk Rallapoff  
mike R Thacker Guy +

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
12-28-10	NCLP PL AA 04-20	4	6N	63W	Weld	

CHARGE TO Noble	OWNER
MAILING ADDRESS	OPERATOR Noble
CITY	CONTRACTOR Cade 22
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION 8:00 am	TIME LEFT LOCATION 2:00 pm

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 12 1/4	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH 720.1	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PSTD 665.12	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 8 7/8	TUBING CONDITION		TUBING		
CASING DEPTH 710.7		TREATMENT VIA	TYPE OF TREATMENT		
CASING WEIGHT 2416	PACKER DEPTH		TREATMENT RATE		
CASING CONDITION good			<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 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 Pig up, safety meeting, Packed, circ 40 bbls H2O and 10 gal Dye mix & Pump 305 slts cement at 30% Excess at 1.27 yield at 15.2 lbs or until cement stops us, Release Plug Displace 42.3 Bbls H2O Bump Plug at 150 psi - Lift PSI wait 5 min Release psi wash up Pig Down

H2O test OK

Arrived w/ 650 slts cement 4 gallons Kel 1602 Dye 68.8 Bbls slurry

### JOB SUMMARY

DESCRIPTION OF JOB EVENTS safety meeting 12:37pm circ 12:55pm cement 1:04pm  
Drop Plug 1:23pm Displace 1:23pm

10 Bbls at 5.5 Bbls/m 1:26pm 370psi used 30% Excess  
20 Bbls at 5.5 Bbls/m 1:28pm 450psi used 305 slts cement  
30 Bbls at 5.5 Bbls/m 1:30pm 530psi 68.8 Bbls slurry  
40 Bbls at 2.5 Bbls/m 1:34pm 330psi  
42.3 Bbls at 1.0 Bbls/m 1:36pm 270psi  
Bump Plug 1:36pm 420psi

Lift w/ 345 slts cement 3 gallons Kel 602 Dye Bbls Back 16

*Jim Turner*

WSS

12-28-10

AUTHORIZATION TO PROCEED

TITLE

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