

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10305

LOCATION 49-42

FOREMAN Kirk Ralbach  
Mike Sassy Rickard

## TREATMENT REPORT

DATE 9-11-11	WELL NAME Shelton G 2522	SECTION 25	TWP 4.N	RGE 6.SW	COUNTY Weld	FORMATION
CHARGE TO Noble		OWNER				
MAILING ADDRESS		OPERATOR Noble				
CITY		CONTRACTOR Code 21				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION 12:30am		TIME LEFT LOCATION 7:00am				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 12 1/4	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH 746	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD 679	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 8 5/8	TUBING CONDITION		TUBING		
CASING DEPTH 723		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 2415	PACKER DEPTH		[X] SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION good			[ ] PRODUCTION CASING		INITIAL BPM
			[ ] SQUEEZE CEMENT		FINAL BPM
			[ ] ACID BREAKDOWN		MINIMUM BPM
			[ ] ACID STIMULATION		MAXIMUM BPM
			[ ] ACID SPOTTING		AVERAGE BPM
			[ ] MISC PUMP		
			[ ] OTHER		HYD HHP = RATE X PRESSURE X 40 S

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, Seftly mending, Psi to sd Per Coman, Cier 4034s RCL H2O, 2nd 104/Dye, mix Pump  
316s Ks cement at 30% Exressant 1.27 yield at 152 lbs or until cement stops 4s, remove plug 50% Exress,  
Release Plug Disp 43.2 BBls H2O, Bump Plug At 150psi - 1.5 ft Psi unit 5min Release Psi, wash up  
Rig Down H2O day 1 OK  
Arrived w/ 475s Ks cement 4 gal RCL 16oz Dye 71.4 BBls slurry

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS Seftly mending 4:15 am Cier 5:22 am cement 5:30 am  
Drop Plug 5:15 am Displace 5:15 am  
10 BBls At 5.5 BBls/min 6:02 am 180 psi used 10% Exress  
20 BBls At 5.5 BBls/min 6:02 am 190 psi used 26.7 sds cement  
30 BBls At 6.5 BBls/min 6:04 am 370 psi 60.3 BBls slurry  
40 BBls At 2.5 BBls/min 6:10 am 300 psi  
43.2 BBls At 1.0 BBls/min 6:16 am 280 psi  
Bump Plug 6:16 am 490 psi

LFW/208s Ks cement 3 gal RCL 6oz Dye BBls Back 9

AUTHORIZATION TO PROCEED

TITLE

DATE

Customer 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.