

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9749
LOCATION WCR 60.5+55.5
FOREMAN Daniel Saltzman

TREATMENT REPORT

DATE <u>3-12-11</u>	WELL NAME <u>ANNIE B 03-23</u>	SECTION <u>3</u>	TWP <u>5N</u>	RGE <u>64W</u>	COUNTY <u>Weld</u>	FORMATION
CHARGE TO <u>Noble</u>			OWNER			
MAILING ADDRESS			OPERATOR <u>Noble</u>			
CITY			CONTRACTOR <u>ENGIN 126</u>			
STATE ZIP CODE			DISTANCE TO LOCATION			
TIME ARRIVED ON LOCATION <u>8:15pm</u>			TIME LEFT LOCATION <u>11:30pm</u>			

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>61840</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PSTD 569.90</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>611.99</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>29#</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 Ris up Safety meeting, psi test. Cgr 30 bbls of H₂O w/ KCL 2nd 10 w/ Dye mix + pump 262 sks of cement @ 30% excess @ 15.2 # @ 1.27 yds or until stopped By Command Drop Plug Displace 36-3 bbls of H₂O. Pump Plug @ 150 psi over lift psi wait 5 min Release psi wash up Rig Down
Arrived w 750 sks of cement 391 KCL 3202 Dye
59.2 bbls of Slurry

JOB SUMMARY
DESCRIPTION OF JOB EVENTS Safety meeting 9:18 am Cgr 9:41 pm Cement 9:48 pm
Drop Plug 10:09 am Displace 10:09 am

10 bbls	5.0/m	230 psi	10:13 pm	used 262 sks of cement 30% excess 59.2 bbls of Slurry
20 bbls	5.0/m	280 psi	10:15 pm	
30 bbls	3.5/m	280 psi	10:17 pm	
36.3 bbls	1.0/m	290 psi	10:21 pm	
Pump Plug	500 psi		10:21 pm	

Left w 480 sks of cement 291 KCL 2202 Dye
15 bbls of Slurry Pack

Roger Foster AUTHORIZATION TO PROCEED
WSS TITLE
3-12-11 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.