

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10739
LOCATION WCR 48+39
FOREMAN Mike Rosalez

TREATMENT REPORT

DATE <u>12-25-11</u>	WELL NAME <u>Boulter G05-20</u>	SECTION <u>5</u>	TWP <u>4N</u>	RGE <u>65W</u>	COUNTY <u>Weld</u>	FORMATION
CHARGE TO <u>Noble</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>Noble</u>				
CITY		CONTRACTOR <u>Cade 21</u>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>4:30</u>		TIME LEFT LOCATION <u>9:30</u>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>655</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PBTD 603.31</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>649</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"/> SOFEEZE 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

INSTRUCTIONS PRIOR TO JOB Rig up, Sattymetry, PSE TEST 500 PSE, Circ 30 BBls H2O/KCL mix 2nd
10 Dye, mix + Pump 3TI SKS Cement (30% EXCESS) 1.27 yield at 15-21BS or until
Company men stopper us, Release Plug, Displace 38.4 BBls H2O Pump Plug at 150 PSE over
1st wait 5min Release PSE, WASH UP Rig Down, H2O TEST
Grind with 600 SKS Cement 10 gals KCL 16 oz Dye Slurry

JOB SUMMARY
DESCRIPTION OF JOB EVENTS Sattymetry 7:25 Circ. 7:55 Am Cement 8:04 am
Drop Plug 8:32 Am Displace 8:32 Am

10 BBls at 5-0 BBls/m 8:36 Am 200 PSE USED 54 90 EXCESS
20 BBls at 5-0 BBls/m 8:38 Am 250 PSE USED 329 SKS Cement
30 BBls at 300 BBls/m 8:40 Am 300 PSE Slurry 74.4
40 BBls at 1-5 BBls/m 8:45 AM 300 PSE

Bump Plug 1-5 BBls/m 8:45 Am 600 PSE
Flow Collected BBls Back to PT

Left with SKS Cement 9ts KCL & Dye

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