

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 11665  
LOCATION 411-44  
FOREMAN mike Rosak

## TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
12-4-12	Five Em 2862 H2V	1	2N	43	Weld	

CHARGE TO <u>NOBLE</u>	OWNER
MAILING ADDRESS	OPERATOR <u>NOBLE</u>
CITY	CONTRACTOR <u>HHP 322</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>6:10 PM</u>	TIME LEFT LOCATION <u>10:30 PM</u>

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
<u>12 3/4</u>				
TOTAL DEPTH <u>785</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNUUS LONG	
<u>PBTD 730.34</u>	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE <u>9 5/8</u>	TUBING CONDITION		TUBING	
CASING DEPTH <u>475</u>		TREATMENT VIA	TYPE OF TREATMENT	TREATMENT RATE
CASING WEIGHT <u>36.18</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	

### 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 Sattymach, Circ 50 BBL H2O 2nd 10 Dye mix + pump  
30% Excess (at 1.27, 15-2 BPS or until Company man stops Cement BFW)  
30% BCC-A1 2510s Per Sach Release Plug Displace 56.4 BBL H2O Bump Plug  
150 PSI over lit front Displace Release Plug, WASH up Rig Down  
ARRIVED 250 SLS Cement 10gls RCL 1602 Dye

### JOB SUMMARY

#### DESCRIPTION OF JOB EVENTS

Rig up	<u>6:05 PM</u>	<u>6:45 PM</u>	<u>7:26 PM</u>	<u>8:39 PM</u>	<u>9:04 PM</u>	<u>9:04 PM</u>	<u>9:04 PM</u>
Cement START	<u>8:37 PM</u>	<u>9:00 PM</u>	<u>9:06</u>	<u>9:11</u>	<u>9:13</u>	<u>9:15</u>	<u>9:15</u>
Cement STOP	<u>9:59</u>	<u>9:59</u>	<u>1:52</u>	<u>1:57</u>	<u>9:16 PM</u>	<u>9:20 PM</u>	<u>9:20 PM</u>
Used 30 o/p Excess					<u>56.4</u>	<u>4330</u>	<u>600</u>
used 29 SLS Cement	<u>424</u>				<u>9:20 PM</u>	<u>600</u>	<u>600</u>
Slurry	<u>95.9</u>				<u>9:20 PM</u>	<u>600</u>	<u>600</u>

Left with 170 SLS Cement + Dye RCL 5 gls Sugar

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