

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 11014
LOCATION WCA 49132
FOREMAN Mike Ruel

TREATMENT REPORT

DATE <u>6-3-12</u>	WELL NAME <u>Dechant D19-32 D</u>	SECTION <u>19</u>	TWP <u>3</u>	RGE <u>CY</u>	COUNTY <u>Weld</u>	FORMATION
CHARGE TO <u>Noble</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>Noble</u>				
CITY		CONTRACTOR <u>Ensign 136</u>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>2:45 AM</u>		TIME LEFT LOCATION <u>6:45 AM</u>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>715</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>POTA 659.59</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>205</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>241 lb</u>	PACKER DEPTH		[] SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION <u>Good</u>			[] 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 40.8

INSTRUCTIONS PRIOR TO JOB Rig up, Saltwater, PSI Test 500 PSI Circ 40 BBL H₂O / KCL mix
2nd ID Dye mix + Pump 30.3 sks Cement (30% Excess) 1.27 gals at 15-20
until Company men stopper us. Release Plug 1 Displace 42.0 BBL H₂O Pump Plug 100 PSI
Release PSI, Washup Rig Down
Arrived with 600 sks Cement 80 gals KCL 16 oz Dye
Slurry
Hyd Test

JOB SUMMARY
DESCRIPTION OF JOB EVENTS Saltwater 4:18 AM Circ 5:01 AM Cement Start 5:10 AM
Cement Stop 5:26 AM DRUP Plug 5:35 AM Displace 5:35 AM

<u>10 BBLs at 5-6 BBLH 5:38 AM 380 PSI</u>	<u>Used 70% 90 Excess</u>
<u>20 BBLs at 5-6 BBLH 5:40 AM 390 PSI</u>	<u>Used 250 sks Cement</u>
<u>30 BBLs at 5-6 BBLH 5:42 PM 490 PSI</u>	<u>Slurry 56.5</u>
<u>40 BBLs at 3-3 BBLH 5:45 AM 480 PSI Flow 21/2 hcl</u>	
<u>42.0 BBLs at 1-3 BBLH 5:46 AM 320 PSI</u>	
<u>Pump Plug 1-3 BBLH 5:46 AM 520 PSI</u>	

Left with 350 sks cement 16 gals KCL & Dye
BBB Back to PSI
12

John M Taylor AUTHORIZATION TO PROCEED
Colman TITLE
6-3-12 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.