

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10733
LOCATION WCR 74 + 59
FOREMAN Mik Rosalez
L.R. marks

TREATMENT REPORT

DATE <u>12-18-11</u>	WELL NAME <u>GARCIA USX AB 35-23</u>	SECTION <u>35</u>	TWP <u>7</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>Ensign 121</u>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>5:00 AM</u>		TIME LEFT LOCATION <u>10:30</u>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>863</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>ABTD 812.2</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>857.7</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>24105</u>	PACKER DEPTH		SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION <u>Good</u>			PRODUCTION CASING		INITIAL BPM
			SOOEEZ CEMENT		FINAL BPM
			ACIO BREAKDOWN		MINIMUM BPM
			ACIO STIMULATION		MAXIMUM BPM
			ACIO SPOTTING		AVERAGE BPM
			MISC PUMP		
			OTHER		HYD HHP = RATE X PRESSURE X 40.8

INSTRUCTIONS PRIOR TO JOB Rig up, Satty meeting, PSE TEST 500 PSE, Circulate 50 BBls H2O KCL mix
2nd 10 Dye mix pump 365 sks Cement (30% excess) 127.9 cts 15-2.1BS or until
Company stops us, Release Plug Displace 51.7 BBls H2O, Pump Plug 150 PSE over left wait 5m
Release PSE wash up Rig Down Slurry 82.5
Arrived with 650 sks Cement 100% KCL 160% Dye 1700 Gals

JOB SUMMARY
DESCRIPTION OF JOB EVENTS Satty meeting 7:45 AM Circulate 8:40 AM Cement 8:52 AM
Drop Plug 9:19 AM Displace 9:19 AM

<u>10 BBls at 5-0 BBls/m 9:23</u>	<u>220 PSE</u>	<u>used 9</u>	<u>0% excess</u>
<u>20 BBls at 5-0 BBls/m 9:25</u>	<u>310 PSE</u>	<u>used 30%</u>	<u>sks Cement</u>
<u>30 BBls at 5-0 BBls/m 9:27</u>	<u>430 PSE</u>	<u>69.8</u>	<u>Slurry</u>
<u>40 BBls at 3-5 BBls/m 9:31</u>	<u>400 PSE</u>		
<u>50 BBls at 1-5 BBls/m 9:34</u>	<u>400 PSE</u>	<u>Flow Control</u>	<u>hold</u>
<u>51.7 BBls at 1-5 BBls/m 9:36</u>	<u>230 PSE</u>		
<u>Bump Plug 1-5 BBls/m 9:36</u>	<u>530 PSE</u>	<u>BBls BACK to D.T</u>	
<u>Left with</u>	<u>sks Cement</u>	<u>9% KCL</u>	<u>0 Dye</u>

Michael M. Agnew
AUTHORIZATION TO PROCEED

TITLE

12-18-11

DATE