

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 11363
LOCATION WCR 392+29
FOREMAN Mike Rosalew

TREATMENT REPORT

DATE <u>1-28-12</u>	WELL NAME <u>ULRIKH PC 117-08</u>	SECTION <u>17</u>	TWP <u>4</u>	RGE <u>66</u>	COUNTY <u>Weld</u>	FORMATION
CHARGE TO <u>Noble</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>Noble</u>				
CITY		CONTRACTOR <u>Ensign 134</u>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>7:30</u>		TIME LEFT LOCATION <u>11:30</u>				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>706</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PBTD 654.18</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>698.39</u>	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE	
CASING WEIGHT <u>24105</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	

INSTRUCTIONS PRIOR TO JOB Rig up, Sattymetry, PSI TEST 500 PSI, Circ 40 BBLs H2O / KCL mix
2nd 10 Dgc, mix + Pump 299 SKs Cement (30% Excess) at 1.27 g/cc + 15-2 lbs. or
until Compens men stopper us, Release Plug Displace 41.6 BBLs H2O Bump Plug 150 over
1st wait Couple min Release PSI, Wash up, Rig Down Slurry 67.62
Arrive 600 SKs Cement 12 g/cc KCL 1602 Dgc 1 H2O TEST
 JOB SUMMARY
 DESCRIPTION OF JOB EVENTS Sattymetry 9:55 PM Circ 10:19 PM Cement 10:26 PM
DROP Plug 10:57 PM Displace 10:47 PM

<u>10 BBLs at 5-0 BBLs/m 10:51 PM 230 PSI</u>	<u>Used 5 % Excess</u>
<u>20 BBLs at 5-0 BBLs/m 10:53 PM 320 PSI</u>	<u>Used 242 SKs Cement</u>
<u>30 BBLs at 5-0 BBLs/m 10:55 PM 400 PSI</u>	<u>Slurry 54.73</u>
<u>40 BBLs at 1-0 BBLs/m 10:59 PM 290 PSI</u>	
<u>41.6 BBLs at 1-0 BBLs/m 11:02 PM 290 PSI</u>	
<u>Bump Plug 1-0 BBLs/m 11:02 PM 460 PSI</u>	
<u>Flow Collar held</u>	<u>BBLs Back to PT</u>
<u>Left with 358 SKs Cement 8 g/cc KCL 0 Dgc</u>	<u>10</u>

[Signature] AUTHORIZATION TO PROCEED
 TITLE
 DATE 1-28-12