

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 11366
LOCATION 392+29
FOREMAN Mike Rosalen

TREATMENT REPORT

DATE <u>1-6-12</u>	WELL NAME <u>Ulrich PCT 17-07D</u>	SECTION <u>17</u>	TWP <u>6</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>Ensign 136</u>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>745</u>		TIME LEFT LOCATION <u>1130</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>PBM 653.94</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 5/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>699.33</u>	TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE	
CASING WEIGHT <u>24185</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 Sattymey, PSE TEST 500 PSI, Circ 40 BBls H2O / KCL mix
2nd 10 Dye, mix + Pump 299 sk Cement (30% Excess) yield 127 at 15-2 or until
Company men stopper vs. Release Plug Displace 41.6 BBls H2O Pump Plug 150 PSI over 1st
Wait 5 min Release PSE Washup Rig Down
Arrived 750 sk 1694 KCL 1602 Dye
H2O Test
Slurry

JOB SUMMARY
DESCRIPTION OF JOB EVENTS Sattymey 9:15 PM Circ 9:35 PM Cement 10:00 PM
Drop Plug 10:18 PM Displace 10:18 PM

10 BBls at 5-0 BBls/m 10:22 PM 240 PSI
20 BBls at 5-0 BBls/m 10:24 PM 340 PSI
30 BBls at 5-0 BBls/m 10:26 PM 420 PSI
40 BBls at 1-0 BBls/m 10:30 PM 290 PSI
41.6 BBls at 1-0 BBls/m 10:31 PM 290 PSI
Bump Plug 10 BBls/m 10:31 PM 480 PSI
Flow Collar held
Used 5 % Excess
Used 242 sk Cement
Slurry 54.33
BBls Back to P.T

Left with 1 sk Cement 94 KCL + 0 Dye

2-6-12
AUTHORIZATION TO PROCEED
TITLE
DATE