

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 11486

LOCATION 55-80

FOREMAN Kirk Kalishoff
Mario Pete Leon

TREATMENT REPORT

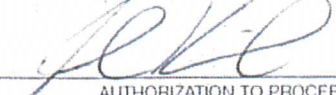
DATE 4-5-12	WELL NAME Walcher AC07-65H2	SECTION 7	TWP 7.0	RGE 63.4	COUNTY Weld	FORMATION
CHARGE TO Noble		OWNER				
MAILING ADDRESS		OPERATOR Noble				
CITY		CONTRACTOR HEP 322				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION 5:45am		TIME LEFT LOCATION 12:15pm				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 13 3/4	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH 8417	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD 791.49	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 9 5/8	TUBING CONDITION		TUBING		
CASING DEPTH 835.49		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 36 lb	PACKER DEPTH		1 SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION good			[] 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 Big up, softlog meeting, Psided, Per roman circ 60 BBLs KCL M20, 2nd 104 / Dye
mix Pump 456 SKS cement at 30% Excess at 1.27 yield at 15.2 lbs or, until roman stops us,
Release Plug Disp 61.1 BBLs M20, Pump Plug at 150 psi at 1.0 ft Psi, wait 5 min Release
Psi, wash up Pig down 1120 test OK
Arrived w/ 600 SKS cement 45 min KCL 1600 Dye 103.1 BBLs slurry

JOB SUMMARY
DESCRIPTION OF JOB EVENTS Softlog meeting 8:07 am circ 10:24 am cement 10:37 am stop cement 11:04 am
Prep Plug 11:06 am Displace 11:06 am
10 BBLs at 5.0 BBLs/m 11:09 am 340 psi used 30% Excess
20 BBLs at 5.0 BBLs/m 11:11 am 400 psi used 456 SKS cement
30 BBLs at 5.0 BBLs/m 11:13 am 450 psi 103.1 BBLs slurry
40 BBLs at 5.0 BBLs/m 11:15 am 490 psi
50 BBLs at 5.0 BBLs/m 11:17 am 540 psi
60 BBLs at 1.0 BBLs/m 11:20 am 350 psi
61.1 BBLs at 1.0 BBLs/m 11:22 am 340 psi
Pump Plug 11:22 am 610 psi

LFT w/ 144 SKS cement 2nd 2gts KCL & Dye BAS Back 90

 AUTHORIZATION TO PROCEED
Co-MAN TITLE
4-5-12 DATE