

BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102
Denver, Colorado 80202
Phone: 303-296-3010
Fax: 303-298-8143
E-mail: bisonoil1@qwestoffice.net

REF. INVOICE # 9838

LOCATION 392-49

FOREMAN Kirk Kallhoff
Mike R. CR Jossie

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
5-6-11	KerkSick A 18-25	18	6N	64W	Weld	

CHARGE TO Noble	OWNER
MAILING ADDRESS	OPERATOR Noble
CITY	CONTRACTOR (ade 2)
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION 7:15am	TIME LEFT LOCATION 10:00am

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 12 1/4	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH 700	TUBING DEPTH	SHOTS/FT		SURFACE PIPE ANNULUS LONG	
PBTD 653.36	TUBING WEIGHT	OPEN HOLE		STRING	
CASING SIZE 8 7/8	TUBING CONDITION			TUBING	

TREATMENT VIA			TYPE OF TREATMENT		TREATMENT RATE	
CASING DEPTH 648.71			+ SURFACE PIPE		BREAKDOWN BPM	
CASING WEIGHT 2415	PACKER DEPTH		[] PRODUCTION CASING		INITIAL BPM	
CASING CONDITION good			[] SQUEEZE CEMENT		FINAL BPM	

PRESSURE SUMMARY			
BREAKDOWN or CIRCULATING psi	AVERAGE psi		[] ACID BREAKDOWN
FINAL DISPLACEMENT psi	ISIP psi		[] ACID STIMULATION
ANNULUS psi	5 MIN SIP psi		[] ACID SPOTTING
MAXIMUM psi	15 MIN SIP psi		[] MISC PUMP
MINIMUM psi			[] OTHER
			HYD HHP = RATE X PRESSURE X 40.8

INSTRUCTIONS PRIOR TO JOB Rig up, safety meeting, Pretest, circ 40 BBLs KRL H2O, 2nd 10wt Dye, mix & Pump 296 sks cement at 3090 Excess at 1.27 pps at 15.2 lps or until cement stops ms, Release plug Disp 41.6 BBLs H2O, Bump Plug At 150 psi or 1.1 pps wait 5 min Release Psi, wash up Rig Down

Arrived w/ 450 sks cement 4 gallons KRL 16oz Dye H2O total OK
LLB BBLs slurry

JOB SUMMARY

DESCRIPTION OF JOB EVENTS circ safety meeting 7:58am circ 8:35am cement 8:45am
Prep Plug 9:08am Displace 9:08am

10 BBLs At 5.0 BBLs/m 9:12am 150 psi used 3190 Excess
20 BBLs At 5.0 BBLs/m 9:15am 270 psi used 300 sks cement
30 BBLs At 5.0 BBLs/m 9:19am 320 psi 67.4 BBLs slurry
40 BBLs At 1.0 BBLs/m 9:25am 340 psi
41.6 BBLs At 1.0 BBLs/m 9:28am 340 psi
Bump Plug 9:28am 410 psi

1 Ptn/150 sks cement 3gal KRL 6oz Dye BBLs Back 12

Roger Foster

AUTHORIZATION TO PROCEED

WSS

TITLE

5-6-11

DATE