

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 # 9722

LOCATION Hwy 34-55

FOREMAN Kirk Kallho, JR.
Mike R. LR Jassie

TREATMENT REPORT

DATE 3-17-11	WELL NAME Klein Blb-99H2	SECTION 16	TWP 5N	RGE 64W	COUNTY Weld	FORMATION
CHARGE TO Noble		OWNER				
MAILING ADDRESS		OPERATOR Noble				
CITY		CONTRACTOR HEP 343				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION 2:00am		TIME LEFT LOCATION 7:00am				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 13 3/4	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH 677	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD 622	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 9 5/8	TUBING CONDITION		TUBING		
CASING DEPTH 667		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 36 lb	PACKER DEPTH		[X] 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: Rig up, safety meeting, Psi test, circ 40 bbls KCL H2O 2nd 10w/Dye, mix Pump 365.5Ks cement at 30% excess at 1.27 yield at 15.2 lbs/cu ft until co man steps w, Release plug Disp 48 bbls H2O, Bump Plug at 150 psi over Lipt psi wait 5 min Release Psi, wash up Rig Down

Arrived w/ 575.5Ks cement 4 gallons KCL 16oz Dye
H2O test OK
82.4 BBLs slurry

JOB SUMMARY
DESCRIPTION OF JOB EVENTS: safety meeting 5:10am circ 5:33am cement 5:45am
Drop Plug 6:12am Displace 6:12am

10 BBLs At 5.5 BBLs/m 6:16am 310 psi	used 35% excess used 378.5Ks cement 86.2 BBLs slurry
20 BBLs At 5.5 BBLs/m 6:18am 370 psi	
30 BBLs At 5.5 BBLs/m 6:20am 430 psi	
40 BBLs At 3.5 BBLs/m 6:22am 330 psi	
48 BBLs At 1.0 BBLs/m 6:26am 250 psi	
Bump Plug NO	

L Ftu/ 197.5Ks cement 3 gallons KCL 6oz Dye
BBLs Back 25

Deni Reht
CO-REP
3-17-11
AUTHORIZATION TO PROCEED TITLE DATE