

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 # 8960

LOCATION Wcr 55-80

FOREMAN Kirk Kallho RF
Mike R Mike D

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
4/20/10	Dillard AB-10-07	10	7N	64W	Weld	

CHARGE TO Nable	OWNER
MAILING ADDRESS	OPERATOR Nable
CITY	CONTRACTOR Cade 21
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION 1:00am	TIME LEFT LOCATION 7:00am

WELL DATA			PRESSURE LIMITATIONS		
MOLE SIZE 13 1/2	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH 836.2	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD 785.52	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 9 5/8	TUBING CONDITION		TUBING		
CASING DEPTH 828.6		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 36 lb	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING CONDITION good			<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM	
			<input type="checkbox"/> SOEEZE 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	

PRESSURE SUMMARY			
BREAKDOWN or CIRCULATING - psi	AVERAGE	psi	
FINAL DISPLACEMENT - psi	ISIP	psi	
ANNULUS - psi	5 MIN SIP	psi	
MAXIMUM - psi	15 MIN SIP	psi	
MINIMUM - psi			

INSTRUCTIONS PRIOR TO JOB Rig up, safety meeting, Psi test circ 60 BBLs H2O 2nd low/Dye, mic E Pump
418 sks cement at 30% excess at 1.27 yield at 15.2 lbs or until cement stops in,
Release Plug Displace 60.7 BBLs H2O, Pump Plug at 150 Psi over Lift Psi, wait
5 min Release Psi, was up Rig Down. H2O test OK
Arrived w/ 700 sks cement 4 gallons Kel 16oz Dye 94.6 BBLs slurry

JOB SUMMARY
DESCRIPTION OF JOB EVENTS Safety meeting 7:00am circ 7:26am cement 7:40am
Drop Plug 8:02am Displace 8:02am

used 0% excess
used 322 sks cement
72.7 BBLs slurry
10 BBLs At 5.5 BBLs/m 8:06am 340 psi
20 BBLs At 5.5 BBLs/m 8:08am 400 psi
30 BBLs At 5.5 BBLs/m 8:10am 470 psi
40 BBLs At 5.5 BBLs/m 8:12am 550 psi
50 BBLs At 5.5 BBLs/m 8:14am 650 psi
60 BBLs At 1.0 BBLs/m 8:23am 410 psi
60.7 BBLs At 1.0 BBLs/m 8:23am 410 psi
Bump Plug 8:23am 550 psi
BBLs Back 9

Signature: [Signature] Rep 4/20-10
AUTHORIZATION TO PROCEED TITLE DATE