

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 # 9846

LOCATION 47-48

FOREMAN Kirk KallhoFP
mike R LR Jessie

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
5-20-11	Easton 612-32 D	12	4N	65W	Weld	

CHARGE TO Noble	OWNER
MAILING ADDRESS	OPERATOR Noble
CITY	CONTRACTOR Easton 121
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION 4:00pm	TIME LEFT LOCATION 8:30pm

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 12 1/4	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH 705	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD 654.87	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 8 7/8	TUBING CONDITION		TUBING		
CASING DEPTH 698.5		TREATMENT VIA	TYPE OF TREATMENT		
CASING WEIGHT 24 lb	PACKER DEPTH		TREATMENT RATE		
CASING CONDITION good			[] SURFACE PIPE		
			[] PRODUCTION CASING		
			[] SQUEEZE CEMENT		
			[] ACID BREAKDOWN		
			[] ACID STIMULATION		
			[] ACID SPOTTING		
			[] MISC PUMP		
			[] OTHER		

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 40 BBLs KLL H2O 2nd 10 w/ Dye, mix Pump 298 SKs cement at 30% Excess at 127 yielded at 15.2 lbs or, until roman steps up, Release Plug, Displace 41.7 BBLs H2O Bump Plug at 150 psi over Lift PSI, wait 5 min Release PSI, wash up Rig down

Arrived w/ 575 SKs cement 4 gallons Kel 1 Ltr Dye H2O test OK
67.3 BBLs slurry

JOB SUMMARY
DESCRIPTION OF JOB EVENTS safety meeting 6:50pm circ 6:59pm cement 7:11pm
Drop Plug 7:31pm Disp 7:31pm

used 10% Excess
used 253 SKs cement
57 BBLs slurry
10 BBLs @ 4.0 BBLs/m 7:35pm 160psi
20 BBLs @ 4.0 BBLs/m 7:38pm 240psi
30 BBLs @ 4.0 BBLs/m 7:41pm 350psi
40 BBLs @ 1.0 BBLs/m 7:45pm 290psi
41.7 BBLs @ 1.0 BBLs/m 7:48pm 280psi
Bump Plug 7:48pm 450psi
Plant Didn't hold

Lift w/ 322 SKs cement 3 gal Kel 6oz Dye BBLs Back 10
5/20/2011
5-20-11