

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10306

LOCATION 39-76

FOREMAN Kirk Ralheff
mike s Jassy Richard

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
9-11-11	Donaldson USX EF 29-06D	29	7N	65W	weld	

CHARGE TO NCSLc	OWNER
MAILING ADDRESS	OPERATOR NCSLc
CITY	CONTRACTOR Saxon 143
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION 8:00am	TIME LEFT LOCATION 11:30am

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 12 1/4	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH 710	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
RSTD 656.14	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 8 9/8	TUBING CONDITION		TUBING		

WELL DATA			PRESSURE LIMITATIONS		
CASING DEPTH 702.5		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 2415	PACKER DEPTH		SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION good			PRODUCTION CASING		INITIAL BPM

PRESSURE SUMMARY			PRESSURE LIMITATIONS		
BREAKDOWN or CIRCULATING psi	AVERAGE psi		SOEEZE CEMENT		FINAL BPM
FINAL DISPLACEMENT psi	ISIP psi		ACID BREAKDOWN		MINIMUM BPM
ANNULUS psi	5 MIN SIP psi		ACID STIMULATION		MAXIMUM BPM
MAXIMUM psi	15 MIN SIP psi		ACID SPOTTING		AVERAGE BPM
MINIMUM psi			MISC PUMP		
			OTHER		HYD HHIP = RATE X PRESSURE X 40.8

INSTRUCTIONS PRIOR TO JOB Rig up, safety meeting, Pstated, Per comm, Pump 410SKs R/L H2O 2-d 104 Dye, mix Pump 300SKs cement at 30% Excess at 127yeal at 15.2 lbs or until comm stops w, we more than 50% Excess, Release plug Disp 41.7 BBls H2O, Pump Plug at 150 psi over lift Bt, wait 5min, Release Bt, washup Rig Down H2Oted OK

Arrived w/ 550SKs cement 4gall R/L 16oz Dye 67.8 BBls slurry

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Safety meeting 9:30am circ 9:50am cement 10:01am
Drop Plug 10:21am Displace 10:21am
10 BBls AL 5.0 BBls/slm 10:24am 130psi used 20% Excess
20 BBls AL 5.0 BBls/slm 10:26am 270psi used 277SKs cement
30 BBls AL 5.0 BBls/slm 10:28am 340psi 62.6 BBls slurry
40 BBls AL 1.0 BBls/slm 10:33am 300psi
41.7 BBls AL 1.0 BBls/slm 10:35am 290psi
Pump Plug 10:35am 530psi

LFT 4/273SKs cement 3gall R/L 6oz Dye BBls Back 8

[Signature]

AUTHORIZATION TO PROCEED

[Signature]

TITLE

9-11-11

DATE