

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 # 11392

LOCATION 47-62

FOREMAN Kirk Kallberg
Tucker Dario

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
2-12-11	Bill E36-6744	24	LN	65W	Weld	
CHARGE TO Nogle		OWNER				
MAILING ADDRESS		OPERATOR Nogle				
CITY		CONTRACTOR HCP 343				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION 10:15pm		TIME LEFT LOCATION 5:30am				

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 13 3/4	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH 673	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD 618.9	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 9 5/8	TUBING CONDITION		TUBING		
CASING DEPTH 662		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 36.15	PACKER DEPTH		[] 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

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, Psited, Per cement circ 5:00 PM REL H2O 2nd 10W Dye, mix & Pump 36.3 SKS cement at 30% Excess at 1127 yield at 15.21 BS or until 11 cement stops up, Release Pkg Disp 47.8 BBS H2O, Pump Pkg At 150psi over Lift psi, wait 5 min Release Psi, wash up Rig Down H2O test OK
82.1 BBS slurry

Arrived w/ 550 SKS cement 4 gal KCL 1607 Dye
JOB SUMMARY
DESCRIPTION OF JOB EVENTS safety meeting 2:45am circ 3:25am cement 3:38am
Drop Pkg 4:05am Displace 4:05am
10 BBS At 6.0 BBS/lm 4:07am 150psi used 45% Excess
20 BBS At 6.0 BBS/lm 4:08am 220psi used 407 SKS cement
30 BBS At 6.0 BBS/lm 4:10am 300psi 92 BBS slurry
40 BBS At 2.0 BBS/lm 4:11am 210psi
47.8 BBS At 1.0 BBS/lm 4:20am 220psi
Pump Pkg 4:20am 73psi

(Pkg) 143 SKS cement 2 gal 30% KCL 607 Dye BBS Back 20
Dennis Rohrer Co-REP 2-12-12 DATE
AUTHORIZATION TO PROCEED TITLE