

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10318

LOCATION 24-15

FOREMAN Kirk Kallhoff
Jesse Mike S

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
10-3-11	Stream VLG-63NN	6	2N	67W	Weld	

CHARGE TO Nable	OWNER
MAILING ADDRESS	OPERATOR Nable
CITY	CONTRACTOR Ensign 132
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION 11:30 pm	TIME LEFT LOCATION 6:30 am

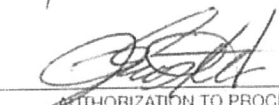
WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
13 3/4					
TOTAL DEPTH 663	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBD 611.58	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 9 5/8	TUBING CONDITION		TUBING		
CASING DEPTH 656.18		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 3616	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING CONDITION good			<input type="checkbox"/> PRODUCTION CASING	INITIAL BPM	
			<input type="checkbox"/> SQUEEZE 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 IHP = 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, Pstest, Per coren circ 5000s Kel H2O 2nd 1000 Dye mix Pump
357 sls cement at 30% Excess at 1.27 yield at 15.2 lbs cement until cement stops, use more than 50% Excess
Release Plug Disp 47.2 BBls H2O, Bump Plug At 150 Bbls Lift Plg, wait 5 min Release Plg, wait 40
Rig Down. H2O test OK
Arrived w/ 385 sls cement 4 gal Kel 1600 Dye 80.7 BBls slurry

JOB SUMMARY
DESCRIPTION OF JOB EVENTS safety meeting 3:40 am circ 4:30 am cement 4:41 am
Disp Plug 5:24 am Displace 5:24 am
10 BBls At 5.0 BBls/min 5:28 am 210 psi used 385 sls cement
20 BBls At 5.0 BBls/min 5:30 am 240 psi used 40% Excess
30 BBls At 5.0 BBls/min 5:32 am 270 psi 87 BBls slurry
40 BBls At 3.0 BBls/min 5:34 am 280 psi
47.2 BBls At 1.0 BBls/min 5:39 am 240 psi
Bump Plug 5:39 am 460 psi

Lft w/ 2 sls cement 2 gal 34 sls Kel 2 dye BBls Back 5

 WSS 10-3-11
AUTHORIZATION TO PROCEED TITLE DATE