

BISON OIL WELL CEMENTING, INC.



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REF INVOICE # 9534

LOCATION WOR 74+31

FOREMAN Daniel Seltzman

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
11-19-10	Foss 06-35	6	6N	68W	Weld	

CHARGE TO	OWNER
MAILING ADDRESS	OPERATOR
CITY	CONTRACTOR
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION	TIME LEFT LOCATION

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT		SURFACE PIPE ANNULUS LONG	
POTD	TUBING WEIGHT	OPEN HOLE		STRING	
CASING SIZE	TUBING CONDITION			TUBING	
CASING DEPTH		TREATMENT VIA		TYPE OF TREATMENT	TREATMENT RATE
CASING WEIGHT	PACKER DEPTH			1 SURFACE PIPE	BREAKDOWN BPM
CASING CONDITION				1 PRODUCTION CASING	INITIAL BPM
				1 SQUEEZE CEMENT	FINAL BPM
				1 ACID BREAKDOWN	MINIMUM BPM
				1 ACID STIMULATION	MAXIMUM BPM
				1 ACID SPOTTING	AVERAGE BPM
				1 MISC PUMP	
				1 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 30 bbls of H₂O w KCL 2nd 10 w 100cc Dye mix pump 227 sks of Cement @ 30% Excess @ 152' @ 1.27 yield or until stopped by cement Drop Plug. Displace 30.5 bbls of H₂O Bump Plug @ 150 psi over lift psi, wait 5 min Release psi wash up Rig Down H₂O test ok
Arrived @ 550 sks of Cement 9 gal KCL 32 oz Dye 51.3 bbls of slurry

JOB SUMMARY
DESCRIPTION OF JOB EVENTS: Safety meeting 5:38 AM Circ 64 bbls Cement 6:25 AM Drop Plug 6:41 AM Displace 6:41 AM

10 bbls	5.0 l/m	150 psi	6:45 AM	Used 227 sks of cement
20 bbls	5.0 l/m	280 psi	6:47 AM	30% Excess
30.5 bbls	1.0 l/m	190 psi	6:51 AM	51.3 bbls of slurry
Bump Plug		390 psi	6:51 AM	

Left w 323 sks 3 gal 1 qt KCL 22 oz Dye

2 bbls of slurry Back

Signature
AUTHORIZATION TO PROCEED

WSS
TITLE

11-19-10
DATE