

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 10890

LOCATION 416-53

FOREMAN Kirk Kallhauff
Tucker Dario Marks

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
2-3-12	Alter C 16-29D	9	41N	64W	Weld	

CHARGE TO Noste	OWNER
MAILING ADDRESS	OPERATOR Noste
CITY	CONTRACTOR HIP 322
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION 3:00am	TIME LEFT LOCATION 8:15am

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE 12 1/4	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
TOTAL DEPTH 776	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	
PBD 715.46	TUBING WEIGHT	OPEN HOLE	STRING	
CASING SIZE 8 5/8	TUBING CONDITION		TUBING	

PRESSURE SUMMARY			TREATMENT RATE	
CASING DEPTH 760.89	TREATMENT VIA		[X] SURFACE PIPE	BREAKDOWN BPM
CASING WEIGHT 24116	PACKER DEPTH		[] PRODUCTION CASING	INITIAL BPM
CASING CONDITION good			[] SQUEEZE CEMENT	FINAL BPM

BREAKDOWN or CIRCULATING psi	AVERAGE psi	[] ACID BREAKDOWN	MINIMUM BPM
FINAL DISPLACEMENT psi	ISIP psi	[] ACID STIMULATION	MAXIMUM BPM
ANNULUS psi	5 MIN SIP psi	[] ACID SPOTTING	AVERAGE BPM
MAXIMUM psi	15 MIN SIP psi	[] MISC PUMP	
MINIMUM psi		[] OTHER	HYD HHP = RATE X PRESSURE X 40.8

INSTRUCTIONS PRIOR TO JOB Rig up, set fly, mating, psi test, Perccoman, circ 40 bbls KCL H2O, 2nd 1000/Day, mix 328 sks cement at 30% excess at 1.27 yield at 15.7 lbs cement per sack, release plug, Displace 45.5 BBLs H2O, Pump Plug at 150 psi, lift psi, Release psi, wash up Rig down, 11201st OK
Arrived w/ 600 sks cement 11 gal KCL 16oz Dye 711.1 BBLs slurry

JOB SUMMARY

DESCRIPTION OF JOB EVENTS set fly, mating 6:31am rig 6:42am cement 6:49am
Drop Plug 7:10am Displace 7:10am
10 BBLs AT 6.0 BBLs/min 7:12am 150psi used 26% Excess
20 BBLs AT 6.0 BBLs/min 7:14am 280psi used 321 sks cement
30 BBLs AT 6.0 BBLs/min 7:15am 380psi 72.6 BBLs slurry
110 BBLs AT 3.5 BBLs/min 7:18am 370psi
45.5 BBLs AT 1.0 BBLs/min 7:20am 300psi
Bump Plug 7:20am 700psi

Lft w/ 279 sks cement 3 gal KCL 6oz Dye BBLs BULK 11

Roger Foster

WSS

2-3-12

AUTHORIZATION TO PROCEED

TITLE

DATE