

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 11414
LOCATION 49#36
FOREMAN Kirk Tucker Porio

TREATMENT REPORT

DATE <u>3-18-12</u>	WELL NAME <u>LOS P OX-180</u>	SECTION <u>5</u>	TWP <u>3N</u>	RGE <u>64W</u>	COUNTY <u>weld</u>	FORMATION
CHARGE TO <u>Noble</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>Noble</u>				
CITY		CONTRACTOR <u>Ensign 136</u>				
STATE ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>7:30pm</u>		TIME LEFT LOCATION <u>10:30pm</u>				

WELL DATA			PRESSURE LIMITATIONS	
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL	
TOTAL DEPTH <u>745</u>	TUBING DEPTH	SHOTS/FT	INSTRUCTED	
BPTD <u>696</u>	TUBING WEIGHT	OPEN HOLE	SURFACE PIPE ANNULUS LONG	
CASING SIZE <u>8 3/8</u>	TUBING CONDITION		STRING	
CASING DEPTH <u>735</u>		TREATMENT VIA	TUBING	
CASING WEIGHT <u>24 lb</u>	PACKER DEPTH		TYPE OF TREATMENT	
CASING CONDITION <u>Good</u>			TREATMENT RATE	
PRESSURE SUMMARY			BREAKDOWN BPM	
BREAKDOWN or CIRCULATING psi	AVERAGE psi		INITIAL BPM	
FINAL DISPLACEMENT psi	ISIP psi		FINAL BPM	
ANNULUS psi	5 MIN SIP psi		MINIMUM BPM	
MAXIMUM psi	15 MIN SIP psi		MAXIMUM BPM	
MINIMUM psi			AVERAGE BPM	
			HYD HHP = RATE X PRESSURE X 40.8	

INSTRUCTIONS PRIOR TO JOB Regup softy meding psi test per co-man. Circ 40 bbls KCL H2O 2nd 16 w/dye
mix & pump 315 sks cement at 30% excess at 1.27 yd of 30% excess 15.2 lbs or until co-man says no
more than 50% excess, please plug displace 44.3 bbls H2O. Bump plug at 150 psi over lift psi wait
release psi back wash up rig down
Arrived w/ 750 sks cement 4 gal KCL 16 oz dye
H2O test at 71.2 bbls slurry

JOB SUMMARY
DESCRIPTION OF JOB EVENTS softy meding 8:51pm Circ 9:20pm Cement 9:26pm
stop cement 9:40pm 2 hrs plug 9:41pm Psp 9:41pm

used 14 % excess
used 279 sks cement
63.1 bbls slurry
10 bbls at 6.0 BBS/m 9:43pm 200psi
20 bbls at 6.0 BBS/m 9:45pm 320psi
30 bbls at 6.0 BBS/m 9:46pm 450psi
40 bbls at 3.5 BBS/m 9:48pm 320psi
44.3 bbls at 1.0 BBS/m 9:50pm 300psi
Bump Plug 9:50pm 610psi

Left w/ 471 sks cement 3 gal KCL 6 oz Dye
bbls back 12

Jahm M. Taylor Co Man
AUTHORIZATION TO PROCEED TITLE
3-18-12 DATE