

BISON OIL WELL CEMENTING, INC.



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TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
4/19/12	Hoffman cor-250	2	4N	64W	Weld	

CHARGE TO	MAILING ADDRESS	CITY	STATE ZIP CODE	TIME ARRIVED ON LOCATION
Noble				5:30 am
OWNER	OPERATOR	CONTRACTOR	DISTANCE TO LOCATION	TIME LEFT LOCATION
	Noble	Ensign 132		11:30 pm

HOLE SIZE	TUBING SIZE	PERFORATIONS	THEORETICAL	INSTRUCTED
12 1/4	7 1/2			
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG	STRING
912				
PHOTO	TUBING WEIGHT	OPEN HOLE	TUBING	
659				
CASING SIZE	TUBING CONDITION	TREATMENT VIA	TYPE OF TREATMENT	TREATMENT RATE
8 5/8				
CASING DEPTH	PACKER DEPTH			
659	241 lb			
CASING CONDITION				
Good				

BREAKDOWN or CIRCULATING	psi	AVERAGE	psi	[] ACID BREAKDOWN	MINIMUM BPM	FINAL BPM
FINAL DISPLACEMENT	psi	ISIP	psi	[] ACID STIMULATION	MAXIMUM BPM	AVERAGE BPM
ANNULUS	psi	5 MIN SIP	psi	[] ACID SPOTTING		
MAXIMUM	psi	15 MIN SIP	psi	[] MISC PUMP		
MINIMUM	psi			[] OTHER		

INSTRUCTIONS PRIOR TO JOB
 Rig up Safety riding PSI test for 10-15 min, circ 40 bbls kill H2O and w/dge mix t
 pump 300 sts cement at 30% excess of 120 yield at 30% excess at 15-20 lbs per unit 10-15 min stops us
 Release plug after 41.9 bbls H2O Pump Plug at 150 psi over 11.4 psi wait 5 min release psi wash w
 H2O test ok
 Arrived w/ 600 sts cement 4 gal kill 3202 dge
 JOB SUMMARY
 Safety riding 1150 am
 Circ 1138 cm
 Cement 1159 gal
 Stop cement 12:33 pm
 Pump Plug 12:36 pm
 Stop 12:36 pm

10 bbls at 12:39 180 psi
 20 bbls at 12:41 840 psi
 30 bbls at 12:44 270 psi
 40 bbls at 12:48 180 psi
 41.9 bbls at 12:52 400 psi
 Pump Plug at 12:52 410 psi
 75.9 bbls slurry
 Used 336 sts cement
 Used 44 % excess

Left w/ 1005 slurry 5

DATE 4/19/12
 TITLE NET WSS
 AUTHORIZATION TO PROCEED

Customers hereby acknowledge and specifically agree to the terms and conditions on this work order, including, without limitation, the provisions on the reverse side hereof which include the release and indemnity.