

BISON OIL WELL CEMENTING, INC.



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TREATMENT REPORT

DATE	6-12-12	WELL NAME	BuHaban Day-19-0	SECTION	19	TWP	3	RGE	64	COUNTY	Weld	FORMATION	
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CHARGE TO	Noble	OWNER	
MAILING ADDRESS		OPERATOR	Noble
CITY		CONTRACTOR	Engel 136
STATE ZIP CODE		DISTANCE TO LOCATION	
TIME ARRIVED ON LOCATION	1000 PM	TIME LEFT LOCATION	730 PM

WELL DATA				PRESSURE LIMITATIONS			
TUBING SIZE	13 1/4	PERFORATIONS		THEORETICAL		INSTRUCTED	
TUBING DEPTH	751	SHOTS/FT		SURFACE PIPE ANNULUS LONG			
TUBING WEIGHT	695.54	OPEN HOLE		STRING			
CASING SIZE	8 5/8	TUBING CONDITION		TUBING			
CASING DEPTH	741	TREATMENT VIA		TYPE OF TREATMENT			
CASING WEIGHT	2410			TREATMENT RATE			
CASING CONDITION	Good						

PRESSURE SUMMARY				TYPE OF TREATMENT			
BREAKDOWN or CIRCULATING	psi	AVERAGE	psi	[] SOEZE CEMENT		FINAL BPM	
FINAL DISPLACEMENT	psi	ISIP	psi	[] ACID BREAKDOWN		MINIMUM BPM	
ANNULUS	psi	5 MIN SIP	psi	[] ACID STIMULATION		MAXIMUM BPM	
MAXIMUM	psi	15 MIN SIP	psi	[] MISC PUMP		AVERAGE BPM	
MINIMUM	psi			[] OTHER			

INSTRUCTIONS PRIOR TO JOB
 Rig up. Set cement, PSI test 500 PSI. Ann 40 BBLs lead KCL mix on to day
 mix + Pump 318 lbs cement (30% excess) 1.07 gal/l at 152 lbs or unit! (bump no stops
 use, release plug Displace 43 BBLs the Pump plug 150 PSI over all unit (bump min 100 PSI
 Slurry
 Applied with 600 lbs cement 2056 lbs
 Satisfactory 12:25 PM Ann. 12:45 PM Start cement 12:57 PM
 STOP cement 1:19 PM Drop Plug 1:25 PM Displace 1:25 PM

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS
 10 BBLs of 5-7 BBLs 1:27 AM 260 PSI
 20 BBLs of 5-7 BBLs 1:27 AM 330 PSI
 30 BBLs of 5-5 BBLs 1:29 AM 420 PSI
 40 BBLs of 3-5 BBLs 1:33 AM 400 PSI
 44 BBLs of 1-3 BBLs 1:35 AM 220 PSI
 Pump Plug 1-3 BBLs 1:35 AM 500 PSI
 Flow boiler hold

Left with 565 cement 435 KCL 0 Day
 (13) BBLs Back to PT
 Used 2 of excess
 Used 250 lbs cement
 Slurry 565