

BISON OIL WELL CEMENTING, INC.



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TREATMENT REPORT

DATE	1-15-12	WELL NAME	Shankley 12023	SECTION	2C	TWP	2N	RGE	64W	COUNTY	Weld	FORMATION
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CHARGE TO	12616	OWNER	
MAILING ADDRESS			
CITY			
STATE ZIP CODE			
TIME ARRIVED ON LOCATION	5:30am		
TIME LEFT LOCATION	11:30am		
DISTANCE TO LOCATION			
CONTRACTOR	Ensign 126		
OPERATOR	Noble		

WELL DATA		PRESSURE LIMITATIONS	
HOLE SIZE	12 1/4	THEORETICAL	INSTRUCTED
TUBING SIZE	9 5/8		
TUBING DEPTH	965		
TUBING WEIGHT	916.52		
TUBING CONDITION	8 3/8		
CASING DEPTH	959.35		
CASING WEIGHT	2416		
CASING CONDITION	Good		

PRESSURE SUMMARY		TYPE OF TREATMENT	
BREAKDOWN or CIRCULATING	psi	ACID BREAKDOWN	psi
ISIP	psi	ACID STIMULATION	psi
ANNUUS	psi	ACID SPOTTING	psi
MAXIMUM	psi	MISC PUMP	psi
MINIMUM	psi	OTHER	psi
HYD HHP = RATE X PRESSURE X 40.8			

INSTRUCTIONS PRIOR TO JOB	
Rigup safety meeting, Bitter, Perconan for 40 BBLs ALL H2O, mixed Pump local cement 26155 at 132yd at 14:18:15, mixed Pump local cement at 15:21:55, Drop Plug Disp 58.3 BBLs H2O, Pump Plug at 15:01:00 over lift Bt, wait 5min Release Bt, wash up Rig down H2O tested	

JOB SUMMARY	
Arrived w/ 40000s and cement 20000s 390 cement 490000 Lbls Day 613 slurry load 22.6 tci.	
DESCRIPTION OF JOB EVENTS	
Drop Plug 10:17am 10 BBLs at 6:00 BBLs/m 10:19am 280psi 20 BBLs at 6:00 BBLs/m 10:20am 280psi 30 BBLs at 6:00 BBLs/m 10:22am 370psi 40 BBLs at 6:00 BBLs/m 10:23am 450psi 50 BBLs at 3:50 BBLs/m 10:27am 410psi 58.3 BBLs at 1.0 BBLs/m 10:29am 350psi Bump Plug 10:29am 570psi	

DATE	1-15-12	TITLE	
AUTHORIZATION TO PROCEED		Signature	
LBlw/13950s treatment 10000s 390 cement 390000 Lbls Day		13115 BBL 14	

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.