

BISON OIL WELL CEMENTING, INC.



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 Denver, Colorado 80202
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TREATMENT REPORT

DATE	1-11-12	WELL NAME	Steward Federal 607-320	SECTION	7	TWP	41N	RGE	65W	COUNTY	Weld	FORMATION
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CHARGE TO	Mobile	OWNER	
MAILING ADDRESS		OPERATOR	Mobile
CITY		CONTRACTOR	Saxon 143
STATE ZIP CODE		DISTANCE TO LOCATION	
TIME ARRIVED ON LOCATION	9:00am	TIME LEFT LOCATION	3:30pm

WELL DATA		PRESSURE LIMITATIONS	
HOLE SIZE	12 1/4	THEORETICAL	INSTRUCTED
TUBING DEPTH	672	SURFACE PIPE ANNULUS LONG	
TUBING WEIGHT	8 5/8	STRING	
TUBING CONDITION		TUBING	
CASING DEPTH	662	TYPE OF TREATMENT	
CASING WEIGHT	2415	TREATMENT RATE	
CASING CONDITION	good		

PRESSURE SUMMARY		TYPE OF TREATMENT	
BREAKDOWN or CIRCULATING	psi	ACID BREAKDOWN	psi
FINAL DISPLACEMENT	psi	ACID STIMULATION	psi
ANNULUS	psi	ACID SPOTTING	psi
MAXIMUM	psi	MISC PUMP	psi
MINIMUM	psi	OTHER	psi

INSTRUCTIONS PRIOR TO JOB		JOB SUMMARY	
<p>Highp, self-cementing, Bitted, Per cement, circ 405515 psi H2O, and 1000 psi water ? Pump 284555 cement at 1.23 yield at 15.2 lbs or until cement stops, Release Plug Disp 39.2 BBS H2O, Pump Plug at 150 psi, over lift psi, wait 5 min, Release psi, washup, Rig down H2O test ok 64.2 BBS slurry</p>		<p>Arrived w/ 600 sds cement 450000 lbs 1600 lbs Displace 2,111pm Pump Plug 2,111pm Displace 2,111pm 10 BBS at 6.0 BBS/m 2,111pm 350psi 20 BBS at 6.0 BBS/m 2,111pm 400psi 30 BBS at 2.6 BBS/m 2,111pm 390psi 31.2 BBS at 1.0 BBS/m 2,151pm 250psi Pump Plug 2,151pm 470psi</p>	

DESCRIPTION OF JOB EVENTS		DATE	
<p>10 BBS at 6.0 BBS/m 2,111pm 350psi 20 BBS at 6.0 BBS/m 2,111pm 400psi 30 BBS at 2.6 BBS/m 2,111pm 390psi 31.2 BBS at 1.0 BBS/m 2,151pm 250psi Pump Plug 2,151pm 470psi</p>		1-11-12	

AUTHORIZATION TO PROCEED		TITLE	
<p>(Paul W. Dean) WSS</p>		DATE	
1-11-12			

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.