

BISON OIL WELL CEMENTING, INC.



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TREATMENT REPORT

DATE	2-1-12	WELL NAME	UPRR X13-06	SECTION	13	TWP	2N	RGE	65W	COUNTY	Weld	FORMATION	
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REF. INVOICE # 10888

LOCATION 49-22

FOREMAN Kirk KallioFS

Tucker Davis

CHARGE TO	Weld
MAILING ADDRESS	
CITY	
STATE ZIP CODE	
TIME ARRIVED ON LOCATION	10:15pm
OWNER	
OPERATOR	Weld
CONTRACTOR	Ensign 126
DISTANCE TO LOCATION	
TIME LEFT LOCATION	3:15pm

WELL DATA		PRESSURE LIMITATIONS	
TUBING SIZE	12 1/4	THEORETICAL	INSTRUCTED
TUBING DEPTH	928	SURFACE PIPE ANNULLUS LONG	
TUBING WEIGHT	903.36	STABING	
TUBING CONDITION	8 5/8	TUBING	
CASING DEPTH	922.71	TYPE OF TREATMENT	TREATMENT RATE
CASING WEIGHT	2415	PACKER DEPTH	
CASING CONDITION	Good	TYPE OF TREATMENT	
PRESSURE SUMMARY		INITIAL BPM	
BREAKDOWN OF CIRCULATING	psi	FINAL BPM	
AVERAGE	psi	MINIMUM BPM	
ISIP	psi	MAXIMUM BPM	
ACID STIMULATION	psi	AVERAGE BPM	
15 MIN SIP	psi	ACID SPOTTING	
MISC PUMP	psi	OTHER	
MINIMUM	psi		

INSTRUCTIONS PRIOR TO JOB: Rig up safety meeting, Pst lost, Per cement circ 4055 lbs cell 1420 mix @ Pump 2175 SKS next cement of 1.32 yield of 14.8 BS, at 200 SKS 3rd cement at 152 BS, Release Pst wash up, 57.5 BS 1420, Bump Pst at 150 Pst lost-LIFT Pst, wait 5 min Release Pst wash up
 Rig down
 Arrived w/ 4055 SKS cement 200 SKS 3rd cement 1/2 call cell
 58 BS slurry lead 22.6 BS slurry tail

DESCRIPTION OF JOB EVENTS: safety meeting 1:23am
 Displace 2:24am
 10 BS BS at 6.0 BS BS/m 2:26am 200psi
 20 BS BS at 6.0 BS BS/m 2:28am 280psi
 30 BS BS at 6.0 BS BS/m 2:29am 380psi
 40 BS BS at 6.0 BS BS/m 2:31am 480psi
 50 BS BS at 3.5 BS BS/m 2:32am 400psi
 57.5 BS BS at 1.0 BS BS/m 2:36am 350psi
 Bump Pst 2:36am 550psi

AUTHORIZATION TO PROCEED	<i>[Signature]</i>
TITLE	Rig Supervisor
DATE	2-1-12

LTW/1535 SKS cement 100 SKS 3rd cement 3 call cell
 BS BS 5