

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9309

LOCATION Cr 13-32

FOREMAN Kirk Kallhoff
Mike R. Thacker

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
10-6-10	Kerss T 13-08	13	3N	68W	Weld	

CHARGE TO Nable	OWNER
MAILING ADDRESS	OPERATOR Nable
CITY	CONTRACTOR Cade 24
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION 8:00am	TIME LEFT LOCATION 1:30pm

WELL DATA		PRESSURE LIMITATIONS	
HOLE SIZE 12 1/4	TUBING SIZE	PERFORATIONS	THEORETICAL
TOTAL DEPTH 691.2	TUBING DEPTH	SHOTS/FT	INSTRUCTED
8350 641.29	TUBING WEIGHT	OPEN HOLE	
CASING SIZE 8 7/8	TUBING CONDITION	STRING	
CASING DEPTH 685.20		TUBING	

Casing Depth 260720		Treatment Via	Type of Treatment		Treatment Rate
Casing Weight 2415	Packer Depth		<input checked="" type="checkbox"/> Surface Pipe		Breakdown BPM
Casing Condition Good			<input type="checkbox"/> Production Casing		Initial BPM
			<input type="checkbox"/> Squeeze Cement		Final BPM
			<input type="checkbox"/> Acid Breakdown		Minimum BPM
			<input type="checkbox"/> Acid Stimulation		Maximum BPM
			<input type="checkbox"/> Acid Spotting		Average BPM
			<input type="checkbox"/> Misc Pump		
			<input type="checkbox"/> Other		


PRESSURE SUMMARY			
BREAKDOWN or CIRCULATING psi	AVERAGE psi		
FINAL DISPLACEMENT psi	ISIP psi		
ANNULUS psi	5 MIN SIP psi		
MAXIMUM psi	15 MIN SIP psi		
MINIMUM psi			

INSTRUCTIONS PRIOR TO JOB Rig up, safety meeting, PSI test, circ 40 BBLS H₂O 2nd 10W Dye, misc Pump 292
SKS cement at 30% Excess at 1.27 yield at 1512 lbs or until cement stops L/S, Release Plug
Displace 40.8 BBLS H₂O, Pump Plug at 150psi over Lift psi, wait 5min Release PSI, wash up
Rig Down H₂O test OK
Arrived w/ 750 SKS cement 4 gallons Kel 16oz Dye 66 BBLS slurry

JOB SUMMARY DESCRIPTION OF JOB EVENTS safety meeting, 12:03pm circ 12:12pm cement 12:23pm
Drop Plug 12:58pm Displace 12:58pm

used 33% Excess
used 300 SKS cement
67.5 BBLS slurry
10 BBLS at 5.5 BBLS/m 1:01pm 410psi
20 BBLS at 5.5 BBLS/m 1:03pm 510psi
30 BBLS at 5.5 BBLS/m 1:05pm 600psi
40 BBLS at 1.0 BBLS/m 1:11pm 310psi
40.8 BBLS at 1.0 BBLS/m 1:11pm 320psi
Pump Plug 1:11pm 440psi

Lft w/ 450 SKS cement 3 gallons Kel 6oz Dye BBLS Back 8

AUTHORIZATION TO PROCEED  DATE 10-6-10

Customers hereby acknowledges and specifically agrees 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