

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9278
LOCATION WCR 88+59
FOREMAN CALVIN REIMERS

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
9-5-10	WALKER USXAB01-06P	1	7N	64W	Weld	

CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>Cade Rig 21</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>11:25 pm.</u>	TIME LEFT LOCATION <u>5:15 am.</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE 12 1/4	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH 830.5	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
PBTD 779.46	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE 8 5/8	TUBING CONDITION		TUBING		
CASING DEPTH 822.18		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT 24 lb.	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION Good			<input type="checkbox"/> PRODUCTION CASING		INITIAL BPM

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, Per Company Man, CIRC 50 bbls. H₂O with KCL + Dye in 2nd 10 bbls, Mix + pump Tell Dye is seen Then pump tub only at 15.2 lbs 1.27 yield, Drop plug, Displace 49.6 bbls H₂O, Bump plug at no more than 150 Psi over Lift Psi, Wait 5 min. Then bleed off Psi, Wash up, Rig down, Let IRVIN know when we get to 5% excess, H₂O tested good, we have 600 sacks cement, 32oz. Dye, 11 qts KCL,

JOB SUMMARY
DESCRIPTION OF JOB EVENTS Safety meeting 3:12 am, CIRC 3:43 am, CEMENT 3:53 am
Drop plug 4:18 am, Displace 4:20 am

10 bbls 270 Psi 4:23 am 7.0 bbls/m
20 bbls 340 Psi 4:25 am 7.0 bbls/m
30 bbls 440 Psi 4:26 am 7.0 bbls/m
40 bbls 480 Psi 4:28 am 6.0 bbls/m
49.6 bbls 350 Psi 4:33 am .8 bbls/m
Bump Plug 460 Psi at 4:33 am Psi held for 5 min.
USED 1% excess = 273 sacks cement, 61.7 bbls slurry
Left with 327 sacks cement, 22oz. Dye, 6 qts KCL
4 bbls slurry to the pit

Amcru AUTHORIZATION TO PROCEED
CO Rep TITLE
9-5-10 DATE