

BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 9271
 LOCATION WCR 80+55
 FOREMAN Calvin Reimers

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY	FORMATION
8-15-10	Dillard USX AB 05-974Z	5	7N	64W	Weld	

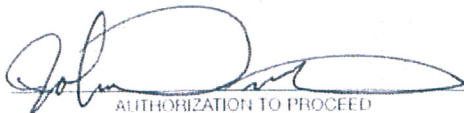
CHARGE TO <u>Noble</u>	OWNER
MAILING ADDRESS	OPERATOR <u>Noble</u>
CITY	CONTRACTOR <u>Cade Rig 22</u>
STATE ZIP CODE	DISTANCE TO LOCATION
TIME ARRIVED ON LOCATION <u>3:10 pm</u>	TIME LEFT LOCATION <u>11:00 pm</u>

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>13 3/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>852</u>	TUBING DEPTH	SHOTS/FT		SURFACE PIPE ANNULUS LONG	
<u>PBTD 796.65</u>	TUBING WEIGHT	OPEN HOLE		STRING	
CASING SIZE <u>9 5/8</u>	TUBING CONDITION			TUBING	
CASING DEPTH <u>839.82</u>	TREATMENT VIA		TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>3616</u>	PACKER DEPTH		<input checked="" type="checkbox"/> SURFACE PIPE	BREAKDOWN BPM	
CASING CONDITION <u>Good</u>			<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	HYD HHP = RATE X PRESSURE X 40.8	

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 60 bbls H₂O with KCL + Dye 10 in 2nd 1000.
Mix pump tell Dye is seen then pump tub only at 15.216 127 yield, Drop plug, Displace 61.5 bbls
H₂O, Bump plug at no more than 150 Psi over Lift Psi, wait 5 min then bleed off Psi,
Wash up, Rig down, H₂O Tested good, We have 600 sacks cement, 26 oz Dye, 24 Qt's KCL,

JOB SUMMARY	
DESCRIPTION OF JOB EVENTS	<u>Safety meeting 7:32 pm, Circ 9:04, Cement 9:15 pm, Drop Plug 9:49 pm Displace 9:51</u>
<u>10 bbls 140 Psi 9:55 pm 7.0 bbls/m</u>	
<u>20 bbls 270 Psi 9:56 pm 7.0 bbls/m</u>	
<u>30 bbls 370 Psi 9:58 pm 7.0 bbls/m</u>	
<u>40 bbls 480 Psi 10:00 pm 7.0 bbls/m</u>	<u>Avg Cement Psi 125</u>
<u>50 bbls 510 Psi 10:02 pm 7.0 bbls/m</u>	<u>Avg Displace Psi 350</u>
<u>60 bbls 340 Psi 10:05 pm 1.0 bbls/m</u>	
<u>61.5 bbls 330 Psi 10:06 pm 1.8 bbls/m</u>	
<u>Bump Plug 430 Psi at 10:00 pm</u>	
<u>USED 2% Excess = 375 Sacks cement, 84.8 bbls Slurry</u>	
<u>Left with 225 Sacks cement, 16 oz Dye, 18 Qt's KCL</u>	
<u>12 bbls Slurry To The Pit</u>	


 AUTHORIZATION TO PROCEED

Co-Man
 TITLE

8-15-10
 DATE