

# BISON OIL WELL CEMENTING, INC.



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REF. INVOICE # 115.38  
LOCATION 34+53  
FOREMAN Tucker-Libman 641  
Pat Pete Pato

## TREATMENT REPORT

DATE <u>6/15/12</u>	WELL NAME <u>Cutler D28-21D</u>	SECTION <u>28</u>	TWP <u>3N</u>	RGE <u>64W</u>	COUNTY	FORMATION
CHARGE TO <u>Uabli</u>			OWNER			
MAILING ADDRESS			OPERATOR <u>Uabli</u>			
CITY			CONTRACTOR <u>Saxon 14B</u>			
STATE ZIP CODE			DISTANCE TO LOCATION			
TIME ARRIVED ON LOCATION <u>9:00 am</u>			TIME LEFT LOCATION <u>12:00 pm</u>			

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS		THEORETICAL	INSTRUCTED
TOTAL DEPTH <u>870</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE ANNULUS LONG		
<u>PB70 815.5</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 3/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>860</u>		TREATMENT VIA	TYPE OF TREATMENT		
CASING WEIGHT <u>24 lbs</u>	PACKER DEPTH		TREATMENT RATE		
CASING CONDITION <u>Good</u>			<input checked="" type="checkbox"/> SURFACE PIPE <input type="checkbox"/> PRODUCTION CASING <input type="checkbox"/> SQUEEZE CEMENT <input type="checkbox"/> ACID BREAKDOWN <input type="checkbox"/> ACID STIMULATION <input type="checkbox"/> ACID SPOTTING <input type="checkbox"/> MISC PUMP <input type="checkbox"/> OTHER		
PRESSURE SUMMARY			BREAKDOWN BPM INITIAL BPM FINAL BPM MINIMUM BPM MAXIMUM BPM AVERAGE BPM HYD HHP = RATE X PRESSURE X 40.8		
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 mating P51 test per common core 50 bbls test then 2nd 100 lb dye mixer  
pump 360 bbls cement at 30% start at 11:27 yield at 15.2 lb or until cement stops or Release Plug Dis  
24 bbls then Bump Plug 150 psi over 11:17 pri wait 5 min release pri wash by down

Arrived w/ 750 sts cement 4 gal test 16 ordys 410 test ok  
83.2 bbls slurry

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS Safety mating 10:37 am Core 10:57 Cement 11:00  
Stop cement 11:17 Drop Plug 11:20 Dis 11:20

10 bbls at 11:20	300 psi	used 21 9/16 Paces
20 bbls at 11:24	320	used 360 sts cement
30 bbls at 11:25	420	77.5 bbls slurry
40 bbls at 11:27	510	
50 bbls at 11:29	600	
52 bbls at 11:30	5120 psi	
Bump Plug at 11:30	520 psi	

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[Signature]  
AUTHORIZATION TO PROCEED

TITLE

6/15/12  
DATE

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.