

# BISON OIL WELL CEMENTING, INC.



1738 Wynkoop St., Ste. 102  
Denver, Colorado 80202  
Phone: 303-296-3010  
Fax: 303-298-8143  
E-mail: bisonoil1@qwestoffice.net

REF. INVOICE # 115.38

LOCATION 34+53

FOREMAN Tucker Wilson  
Pat Pete Pardo

## TREATMENT REPORT

DATE <u>6/15/12</u>	WELL NAME <u>Cutterman D28-21D</u>	SECTION <u>28</u>	TWP <u>3 N</u>	RGE <u>64W</u>	COUNTY	FORMATION
CHARGE TO <u>Liabli</u>		OWNER				
MAILING ADDRESS		OPERATOR <u>Liabli</u>				
CITY		CONTRACTOR <u>Section 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 1/2</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>860</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>24 lbs</u>	PACKER DEPTH		[ ] SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION <u>Good</u>			[ ] PRODUCTION CASING		INITIAL BPM
			[ ] SQUEEZE CEMENT		FINAL BPM
			[ ] ACID BREAKDOWN		MINIMUM BPM
			[ ] ACID STIMULATION		MAXIMUM BPM
			[ ] ACID SPOTTING		AVERAGE BPM
			[ ] MISC PUMP		
			[ ] OTHER		
			HYD HHP = RATE X PRESSURE X 40.8		

INSTRUCTIONS PRIOR TO JOB Rig up safety manly PB70 Per common circ 50 bbls keep the 2nd 10 w/dye mix & pump 36B sks cement at 30% slurry at 11:20 yield at 15.2 lbs or until cement slips or Release Plug Disp 524 bbls then Pump Plug 150 psi over lift psi wait 5 min release psi wait 15 min by down

Arrived w/ 750 sks cement 4 gal keel 16 and dye  
750 test ok  
83.2 bbls slurry

JOB SUMMARY  
DESCRIPTION OF JOB EVENTS Safety manly 10:32 am Circ 10:50 Cement 11:00  
stop cement 11:17 Drop Plug 11:20 Disp 11:20

10 bbls at 11:20	300 psi	used 21 9/16 p/c
20 bbls at 11:21	320	used 36B sks 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	
Pump 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