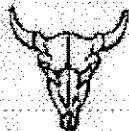


02530009

BISON OIL WELL CEMENTING, INC.

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

REF. INVOICE # 8694
 LOCATION 8th St + CR 49
 FOREMAN Daniel Saltman
Kirk Fred Mike

TREATMENT REPORT

DATE <u>12-16-09</u>	WELL NAME <u>DPG F12-17</u>	SECTION <u>12</u>	TWP <u>5N</u>	RSE <u>65W</u>	COUNTY <u>Wyo</u>	FORMATION <u>COG</u>
CHARGE TO <u>Noble</u>		OWNER <u>Noble</u>		RECEIVED SEP 02 2010		
MAILING ADDRESS		OPERATOR <u>Noble</u>		CONTRACTOR <u>Code 21</u>		
CITY		DISTANCE TO LOCATION		COGCC		
STATE ZIP CODE		TIME ARRIVED ON LOCATION <u>7:40am</u>		TIME LEFT LOCATION <u>1:30pm</u>		

WELL DATA			PRESSURE LIMITATIONS		
HOLE SIZE <u>12 1/4</u>	TUBING SIZE	PERFORATIONS	THEORETICAL		INSTRUCTED
TOTAL DEPTH <u>566.1</u>	TUBING DEPTH	SHOTS/FT	SURFACE PIPE MINUS LONG		
PATO <u>512.70</u>	TUBING WEIGHT	OPEN HOLE	STRING		
CASING SIZE <u>8 3/8</u>	TUBING CONDITION		TUBING		
CASING DEPTH <u>550.02</u>		TREATMENT VIA	TYPE OF TREATMENT		TREATMENT RATE
CASING WEIGHT <u>32#</u>	PACKER DEPTH		1 SURFACE PIPE		BREAKDOWN BPM
CASING CONDITION <u>Good</u>			1 PRODUCTION CASING		INITIAL BPM
			1 SQUEEZE CEMENT		FINAL BPM
			1 ACID BREAKDOWN		MINIMUM BPM
			1 ACID STIMULATION		MAXIMUM BPM
			1 ACID SPOTTING		AVERAGE BPM
			1 MISC PUMP		
			1 OTHER		HYD HHP = RATE X PRESSURE X 40.8

INSTRUCTIONS PRIOR TO JOB Rig up, Safety meeting, Circ 30 bbls of H₂O w/ 2nd 10W 700 Dye, Mix + pump 237 lbs of Cement @ 30% Excess @ 152 #/27 yield or until stopped by Co. man. Drop Plug Displace 512.6 bbl of H₂O Pump Plug @ 150 psi over lift psi wait 5 min Release psi washup Rig Down
water test ok

Arrival w 750 lbs of Cement 391 Kcl 1600 Dye 53.5 bbls of Slurry
 JOB SUMMARY
 DESCRIPTION OF JOB EVENTS Safety meeting 11:37am Circ 12:07pm Cement 12:13pm
Drop Plug 12:33pm Displace 12:33pm

<u>10 bbls 5.0/m 330 psi 12:36pm</u>	<u>used 2715 lbs of Cement</u>
<u>20 bbls 5.0/m 370 psi 12:39pm</u>	<u>48% Excess</u>
<u>30 bbls 1.0/m 190 psi 12:46pm</u>	<u>60.9 bbls of Slurry</u>
<u>31.2 bbls 1.0/m 190 psi 12:47pm</u>	
<u>Bump Plug 420 psi 12:47pm</u>	

Left w 479 lbs of Cement 391 Kcl 900 Dye
7 bbls of Slurry Back

Signature Rep. 12-16-09
 AUTHORIZATION TO PROCEED DATE