

BISON OIL WELL CEMENTING, INC.

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INVOICE #
LOCATION
FOREMAN

12366
6042 5742
Jm

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
7/21	Wolfpack PCB03-63 HN				Weld
BILL TO	CONSULTANT				
Noble	Kevin				
OWNER	RIG NAME & NUMBER				
	PD 829				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
	60 MIN		4007,3106,4017,3211,119		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	8:00		7:30		
STATE, ZIP	TIME LEFT LOCATION				

WELL DATA

HOLE SIZE	TUBING SIZE	PERFORATIONS
13 3/4		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT
624		
CASING SIZE	TUBING WEIGHT	OPEN HOLE
9 5/8		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA
618		
CASING WEIGHT	PACKER DEPTH	
36		shoe 44.95 Displacement 573.88 44.36 bbl
CASING CONDITION		
Max Rate	5 bbl	
Max Pressure	2000	

Cement Makeup

Cement Blend	Type III 2% CEA 1/4 lb CE/c8kks		
Cement - Specs	lbs	Yield	Water Requirements
	15.2	1.27	5.89
Annulus Factor	Capacity Factor		
.5259	.0773		
TYPE OF TREATMENT <input checked="" type="checkbox"/> Surface Pipe <input type="checkbox"/> Production <input type="checkbox"/> Squeeze <input type="checkbox"/> MISC Pump <input type="checkbox"/> P&A			

HYD HHP = RATE X PRESSURE / 40.8

% Excess	25
BBL to Pit	10

DESCRIPTION OF JOB EVENTS

MIRIL 10 fresh 10 Dye 24 fresh M+P 320 gks type III 2% CEA
deep plug Displ 44 press test 1000 psi / 15 min

X
Authorization

WSS
Title

X 7/21/13
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.