

BISON OIL WELL CEMENTING, INC.

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INVOICE #

12845

LOCATION

Wells Ranch

FOREMAN

Brad Kosinski

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
Oct 15 2013	Wells Ranch #A 26-63HH				Weld
BILL TO	CONSULTANT				
Noble Energy	John				
OWNER	RIG NAME & NUMBER				
	H+R 322				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
	33		3104/4017/111		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
			7:40		
STATE, ZIP	TIME LEFT LOCATION				

WELL DATA			Cement Makeup			
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend	BFN III		
13 3/4			Cement - Specs	lbs	Yield	Water Requirements
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT		15.2	1.27	5.89
975			Annulus Factor	Capacity Factor		
CASING SIZE	TUBING WEIGHT	OPEN HOLE	.5258	.0773		
9 5/8			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			
CASING DEPTH	TUBING CONDITION	TREATMENT VIA				
964						
CASING WEIGHT	PACKER DEPTH		HYD HHP = RATE X PRESSURE / 40.8 % Excess 10 BBL to Pit 14			
36						
CASING CONDITION	Good					
Max Rate	5 bbls					
Max Pressure	2,000					

DESCRIPTION OF JOB EVENTS

NI RU Safety meeting presure test lines to 1000psi release presure then pum 70 bbls heel with dye in the 2nd 10 bbls then M & P 484 sks then drop plug cl's 51 bbls land plug then did a presure test on Casing to 1000psi and held for 15 min

Authorization To Proceed

CO - man

Title

X Oct 15 2013
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