

BISON OIL WELL CEMENTING, INC.

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INVOICE #
LOCATION
FOREMAN

11963
68-69
Kirk

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
6-18-13	Wells Ranch AE 05-67-1H	6	6N	62W	Weld
BILL TO	CONSULTANT				
Noble	Jim				
OWNER	RIG NAME & NUMBER				
	HFP 321				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
			343-3203		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	7:00 pm		5:30 pm		
STATE, ZIP	TIME LEFT LOCATION				
	11:00 pm				
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend		
13 3/4			BF 111 3 1/2 BBL A-1, 25 lbs per BBL A-1		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Cement - Specs	lbs	Yield
647				152	1.27
CASING SIZE	TUBING WEIGHT	OPEN HOLE	Annulus Factor		
9 5/8			.5258		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	Capacity Factor		
637			.0773		
CASING WEIGHT	PACKER DEPTH	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			
363					
CASING CONDITION	Good	HYD HHP = RATE X PRESSURE / 40.8 % Excess 25% BBL to Pit 20 BBLs			
Max Rate					
Max Pressure					

DESCRIPTION OF JOB EVENTS

Set Hg, mixing, Rig up, PST test, Performan Cnr 40 BBLs KCL H2O 2Ld 104 Dye mix & Pump 394 SLS cement at 30% Excess at 1.27 yield at 152 lbs or until stopped by cement, Release Pkg Disp 45.8 BBLs H2O, Pump Pkg At 151 PST over Lift PST, west up Rig Down,

X
Authorization To Proceed

Title

X 6-18-13
Date

Customers hereby acknowledge and specifically agree 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.