

BISON OIL WELL CEMENTING, INC.

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INVOICE #

12695

LOCATION

127+110

FOREMAN

Calvin Reimers

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
11-1-13	Rohn State LD 07-64-1HN	9	9N	58W	Weld
BILL TO	CONSULTANT				
Noble	John D.				
OWNER	RIG NAME & NUMBER				
Noble	H&P Rig 326				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
	80 miles		3106/3205		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	4:30 AM		4:30 AM		
STATE, ZIP	TIME LEFT LOCATION				
	1:30 AM.				

WELL DATA			Cement Makeup			
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend	BENITE 3% BCCA-1.25/6.5K BFLA-1		
13 3/4			Cement - Specs	lbs	Yield	Water Requirements
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT		13.1/15.2	1.69/1.27	8.64/5.89
1255			Annulus Factor	Capacity Factor		
CASING SIZE	TUBING WEIGHT	OPEN HOLE	.5259	.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				
1248.76						
CASING WEIGHT	PACKER DEPTH					
36 lb.						
CASING CONDITION	Good		HYD HHP = RATE X PRESSURE / 40.8			
Max Rate	7		% Excess	30/0		
Max Pressure	2500		BBL to Pit	30		

DESCRIPTION OF JOB EVENTS

MIRU, Safety meeting, P: Test 500 Psi, Circ 50 bbls H₂O with KCL, Mix + pump LEAD at 30% Excess 424 sks, 127.61 bbls Slurry at 13.1 lb, 1.69 yield, Tail at 0% Excess 100 sks, 22.62 bbls Slurry at 15.2 lb, 1.27 yield, Drop plug, Displace 93 bbls H₂O, Bump plug at 150 Psi over Lift Psi, Wait 5 min. then bleed off Psi, Wash up, Rig down,

X
Authorization To Proceed

Title

Co-Man

X 11-1-13
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.