

BISON OIL WELL CEMENTING, INC.

1547 Gaylord Street
Denver, Colorado 80206
Phone: 303-296-3010
Fax: 303-298-8143
E-mail: bisonoil1@qwestoffice.net



INVOICE #
LOCATION
FOREMAN

11930
68+79 3/4
Calvin Reimias

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
5-24-13	Papenheim 662-23-0263BH	23	6N	62W	Weld
BILL TO	CONSULTANT				
OWNER	RIG NAME & NUMBER				
MAILING ADDRESS	DISTANCE TO LOCATION				
CITY	TIME REQUESTED				
STATE, ZIP	TIME ARRIVED ON LOCATION				
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend		
13 1/2			BFN III 3% BCCA-1.25 H ₂ O BFLA-1		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Cement - Specs	lbs	Yield
830				15.2	1.27
CASING SIZE	TUBING WEIGHT	OPEN HOLE	Annulus Factor	Capacity Factor	
9 5/8			.4887	.0773	
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	TYPE OF TREATMENT		
826.4			<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 WEIGHT	PACKER DEPTH	HYD HHP = RATE X PRESSURE / 40.8			
36 lb.					
CASING CONDITION	% Excess				
Good	15				
Max Rate	BBL to Pit				
7	20				
Max Pressure					
2500					

DESCRIPTION OF JOB EVENTS

M.R.U. Safety meeting, Psi test to 500 Psi, Circ 20 H₂O with KCL + Dyex 16 in 2" 10661s, Mix + pump 15% Excess = 398 sks, 90.02 bbls slurry at 15.2 lbs 1.27 yield, Drop plug, Displace 60.7 bbls H₂O, Bump plug at 150 Psi over Lift Psi, Wait 5 min Then bleed off Psi, Washup, Rig down,

X

Casey

Authorization To Proceed

Title

Coman

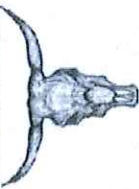
X

5-24-13

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.

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DESCRIPTION OF JOB EVENTS

	Safety Meeting	Displace 1		Displace 2		Displace 3		Displace 4		Displace 5		Displace 5	
		BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI
MIRU	9:27am	0	10:30am	40	0			0			0		
CIRCULATE	9:30am	10	10:35am	120	10			10			10		
Drop Plug		20	10:35am	190	20			20			20		
		30	10:35am	280	30			30			30		
		40	10:35am	350	40			40			40		
		50	10:40am	400	50			50			50		
M & P		60	10:45am	330	60			60			60		
Time		70	10:45am	560	70			70			70		
9:45pm/10:27pm	398	80			80			80			80		
		90			90			90			90		
		100			100			100			100		
		110			110			110			110		
		120			120			120			120		
		130			130			130			130		
		140			140			140			140		
		150			150			150			150		

Notes:

Float Held

Used 15% Excess = 398 SKS, 90.02 bbls Slurry

20 bbls Slurry To Surface

X Casey Lane
 Work performed

X Co-man-
 Title

X 5-23-13
 Date