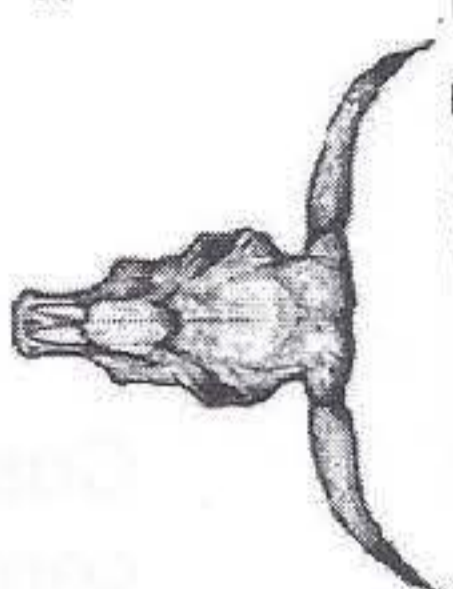


BISON OIL WELL CEMENTING, INC.



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

INVOICE #
 LOCATION
 FOREMAN

11975
 Haysville-5
 Kille

Treatment Report Page 2

DESCRIPTION OF JOB EVENTS

Safety Meeting MIRU CIRCULATE Drop Plug	Time	Displace 1			Displace 2			Displace 3			Displace 4			Displace 5		
		BLS	Time	PSI	BLS	Time	PSI	BLS	Time	PSI	BLS	Time	PSI	BLS	Time	PSI
2:09	1:02	0	2:08	20	0		0		0		0		0		0	
	1:13	10	2:12	230	10		10		10		10		10		10	
	1:41	20	2:13	270	20		20		20		20		20		20	
		30	2:15	360	30		30		30		30		30		30	
		40	2:17	410	40		40		40		40		40		40	
		50	2:19	450	50		50		50		50		50		50	
M & P		60	2:23	320	60		60		60		60		60		60	
Time	Sacks	70			70		70		70		70		70		70	
1:47 pm	396	80			80		80		80		80		80		80	
2:07		90			90		90		90		90		90		90	
		100			100		100		100		100		100		100	
		110			110		110		110		110		110		110	
		120			120		120		120		120		120		120	
		130			130		130		130		130		130		130	
		140			140		140		140		140		140		140	
		150			150		150		150		150		150		150	

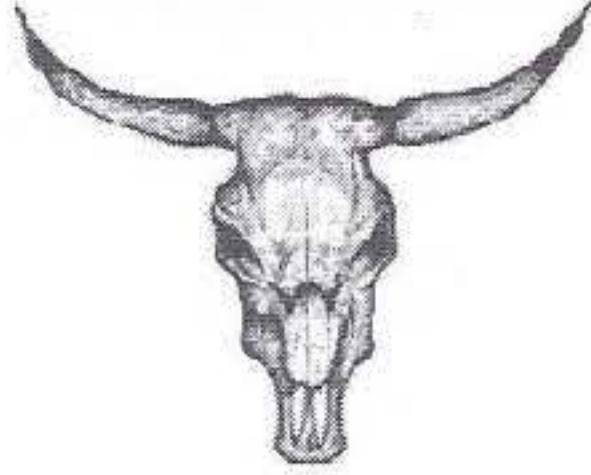
Notes:

used 40% excess used 369 scks cement 83.4 BBS slurry 25 BBS dep. f
 Pump Plug At 2:23 pm 580 psi

X _____ X _____
 Work Performed Title Date 7-4-13

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INVOICE #

11975

LOCATION

Hay 66-5

FOREMAN

Kirk

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
7-4-13	Quails 3F-28H	28	3N	68W	Weld
BILL TO	CONSULTANT				
	Tim				
OWNER	RIG NAME & NUMBER				
	HEP 278				
MAILING ADDRESS	DISTANCE TO LOCATION			UNITS ON LOCATION	
				3103-3205	
CITY	TIME REQUESTED			TIME ARRIVED ON LOCATION	
	1:00pm			12:00pm	
STATE, ZIP	TIME LEFT LOCATION				
	3:30pm				

WELL DATA

Cement Makeup

HOLE SIZE	TUBING SIZE	PERFORATIONS
12 1/4		
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT
850		
CASING SIZE	TUBING WEIGHT	OPEN HOLE
9 5/8		
CASING DEPTH	TUBING CONDITION	TREATMENT VIA
842		
CASING WEIGHT	PACKER DEPTH	
40 lb		
CASING CONDITION	Good	
Max Rate		
Max Pressure		

Cement Blend	BENTON 3% BCLM 125 lbs per 2 BFLA-1		
Cement - Specs	lbs	Yield	Water Requirements
	152	1.27	5.89
Annulus Factor	Capacity Factor		
1.3131	1.0758		

TYPE OF TREATMENT

Surface Pipe Production Squeeze
 MISC Pump P&A

HYD HHP = RATE X PRESSURE / 40.8

% Excess	40%
BBL to Pit	25

DESCRIPTION OF JOB EVENTS

Supply meeting, Rig up, PSI test Per cement per 30 BBS ALL H2O 2nd 104 Dye, mix & Pump
 369 sls cement at 40% Excess at 1.27 yield at 1512 lbs, Release Plug Disp 6014 BBS
 H2O Bump Plug At 150psi over Lift PSI wait 5min Release PSI Wash up Rig Down

X

Authorization To Proceed

Title

X 7-4-13
Date