



**Bison Oil Well Cementing
Two Cement Long String**

Customer
Well Name

Agustus Energy Resources
McCALL 33-09-1N-46W

Date
INVOICE #
LOCATION
FOREMAN

8/17/2014
13028
Yuma
Aaron Carrasco

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DESCRIPTION OF JOB EVENTS

		Displace 1			Displace 2			Displace 3			Displace 4			Displace 5		
		BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI
fety Meeting	8:16am															
IRU	5:57am															
RCULATE	8:18am	0	8:50am	50	0			0			0			0		
op Plug		10	8:53am	190	10			10			10			10		
8:50am		20	8:56am	330	20			20			20			20		
		30	8:58am	480	30			30			30			30		
		42	9:04am	1010	40			40			40			40		
M & P		50			50			50			50			50		
Time	Sacks	60			60			60			60			60		
8:28am	136	70			70			70			70			70		
		80			80			80			80			80		
		90			90			90			90			90		
		100			100			100			100			100		
		110			110			110			110			110		
		120			120			120			120			120		
ad mixed bbls	39	130			130			130			130			130		
ad % Excess	69%	140			140			140			140			140		
ad Sacks	136	150			150			150			150			150		

Notes:

il mixed bbls	11.2	Ran (62)JTS, 4.5", 10.5#, MEAS W/ SHOE (2672), SET @ (2678), PBTD @ (2633), RIG TD @ (2697)
il % Excess	0%	CMT W/ (136) SX LEAD, 50/50 POZ, 12% GEL, 2% CACL, YLD 2.21, 12PPG
il Sacks	75	CMT W/ (75) SX TAIL, 50/50 POZ, 3% CACL, .25% FLO-CEL, YLD 1.33, 13.8PPG
		CIRC (7) BBLS TO PIT
tal Sacks	211	
ater Temp	67 f	
ol Returns	7	

Justin J. S.
Work Performed

X
Aaron Carrasco
Title

X 8-17-14
Date



DISPATCH WELL CEMENTING
Single Cement Surface Pipe

Customer
Well Name

EXCELL SERVICES LLC
McCALL 33-09-1N-46W

INVOICE #
LOCATION
FOREMAN
Date

13021
13021
YUMA
AARON CARRASCO
8/15/2014

Treatment Report Page 2

DESCRIPTION OF JOB EVENTS

Safety Meeting	5:31pm	Displace 1			Displace 2			Displace 3			Displace 4			Displace 5		
MIRU	2:30pm	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI	BBLS	Time	PSI
CIRCULATE	5:39pm	0	5:55pm	40	0			0			0			0		
Drop Plug		10	5:58pm	120	10			10			10			10		
5:55pm		15	6pm	180	20			20			20			20		
		30			30			30			30			30		
		40			40			40			40			40		
M & P		50			50			50			50			50		
Time	Sacks	60			60			60			60			60		
5:42pm	210	70			70			70			70			70		
		80			80			80			80			80		
		90			90			90			90			90		
		100			100			100			100			100		
		110			110			110			110			110		
% Excess	90%	120			120			120			120			120		
Mixed bbls	21	130			130			130			130			130		
Total Sacks	210	140			140			140			140			140		
bbl Returns	16	150			150			150			150			150		
Water Temp	65 F															

Notes:

TD @ (418) FT ✓

SET @ (412) FT ✓

7 INCH CASING = 20 LBS/ FT ✓

40 FT SHOE

CEMENT TYPE = 50/50 POZ 3% CCA = MIXED & PUMPED (210 sks) ✓ 25⁰/10 210-cc1

15.2 LBS/GAL= 1.07 YIELD = 4.20 GAL/ SKS

DISPLACED= (15) BBLS ✓

BBLS TO PIT = (16) ✓

X
Work Performed

X
Title

X 8-15-14
Date