



Bison Oil Well Cementing
Single Cement Surface Pipe

Customer
Well Name

EXCELL
HAGEMANN-31-19-1S-44W

INVOICE #
LOCATION
FOREMAN
Date

13009
yuma
Aaron Carrasco
7/25/2014

Treatment Report Page 2

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
Safety Meeting	8:30PM															
MIRU	554PM															
CIRCULATE	833PM	0	849PM	40	0			0			0			0		
Drop Plug		10	853PM	120	10			10			10			10		
849PM		20	857 @ 18.5 DIS	240	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		
837PM	255	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	95%	120			120			120			120			120		
Mixed bbls	25.5	130			130			130			130			130		
Total Sacks	255	140			140			140			140			140		
bbl Returns	19	150			150			150			150			150		
Water Temp	65															

Notes:

TD @ (500) FT ✓

SET @ (495) FT ✓

7 INCH CASING = 20 LBS / FT

40 FT SHOE

CEMENT TYPE = 50/50 POS 3% CCA (SKS) MIXED & PUMPED = (255 SKS) .25% bbls - cel

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

DISPLACED = (18.5) BBLs

(BBLs TO PIT = (19)

X Just Jst
Work Performed

X Drilling Foreman
Title

X 7-25-14
Date



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

Customer
Well Name

Agustus Energy Resources
Hagemann 31-19 1S44W

Date
INVOICE #
LOCATION
FOREMAN

7/27/2014
13010
Yuma
Aaron Carrasco

Treatment Report Page 2

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
ety Meeting	8:04 AM															
RU	5:35															
CULATE	8:08 AM	0	8:45AM	20	0			0			0			0		
op Plug		10	8:49AM	20	10			10			10			10		
8:45 AM		20	8:51AM	200	20			20			20			20		
		30	8:56AM	340	30			30			30			30		
		38.7	9:02AM	1010	40			40			40			40		
		50			50			50			50			50		
M & P		60			60			60			60			60		
Time	Sacks	60			60			60			60			60		
12:00 AM LEAD	129	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	37	130			130			130			130			130		
ad % Excess	81%	140			140			140			140			140		
ad Sacks	129	150			150			150			150			150		

Notes:

il mixed bbls	11.2	Ran (56)JTS, 4.5", 10.5#, MEAS W/ SHOE (2473), SET @ (2479), PBTD @ (2434), RIG TD @ (2508)
il % Excess	0%	CMT W/ (129) 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
xtal Sacks	204	
ater Temp	67 f	
bl Returns	7	