

WILLIAMS PRODUCTION

**RMV
8-16**

Remedial Cement Squeeze
API No. 045-06903
COGCC Doc. No. 2055908
Received 2/19/2014

**API Well No.:
N/A**

**3/19/2004
GARFIELD**

SQUEEZE

**Customer Representative:
RALPH SNOW 970-250-4144
Halliburton Operator:
MICHAEL LEIST
Ticket No.:
2886263**

HALLIBURTON

HALLIBURTON

JOB SUMMARY

SALES ORDER NUMBER

28862

TICKET DATE

3/19/04

REGION

NORTH AMERICA

NWA / COUNTRY

ROCKY MOUNTAIN

BDA / STATE

COLORADO

COUNTY

GARFIELD

EMPLOYEE #

244053

H.E.S. EMPLOYEE NAME

MICHAEL LEIST

PSL DEPARTMENT

CEMENTING SERVICES

LOCATION

GRAND JUNCTION, CO

COMPANY:

WILLIAMS PRODUCTION

CUSTOMER REP / PHONE

RALPH SNOW 970-250-4144

TICKET AMOUNT

\$12,209.21

WELL TYPE

02 GAS

API/UVI #

N/A

WELL LOCATION

RIFLE 81650

DEPARTMENT

ZONAL ISOLATION 10003

SAP BOMB NUMBER

7526

Description

SQUEEZE

LEASE NAME

RMV

Well No.

8-16

SEC / TWP / RNG

SEC 16, T 6 S, R 94 W

H.E.S. EMP NAME / EMP # / (EXPOSURE HOURS)

HRS

Mike Leist 244053

7.0

Rick Chambers 228283

7.0

John Tynes 190725

7.0

Carl Terrelonge 303326

7.0

H.E.S. UNIT #S / (R / T MILES)

R / T MILES

10547378

120

10264856 10296148

120

EXTRA

120

10026594 10297346

120

Form. Name _____ Type: _____

Form. Thickness _____ From _____ To _____

Packer Type _____ Set At 2,956

Bottom Hole Temp. _____ Pressure _____

Retainer Depth _____ Total Depth _____

Tools and Accessories

Type and Size

Qty

Make

Float Collar

5 1/2"

HES

Float Shoe

5 1/2"

HES

Centralizers

5 1/2"

HES

Top Plug

5 1/2"

HES

Limit Clamp

5 1/2"

HES

DV Tool

5 1/2"

HES

Insert Float

5 1/2"

HES

Guide Shoe

5 1/2"

HES

Weld-A

HES

Materials

Mud Type

WBM

Density

9.4

Lb/Gal

Disp. Fluid

H2O

Density

8.33

Lb/Gal

Prop. Type

Size

Lb

Prop. Type

Size

Lb

Acid Type

Gal.

%

Acid Type

Gal.

%

Surfactant

Gal.

In

NE Agent

Gal.

In

Fluid Loss

Gal/Lb

In

Gelling Agent

Gal/Lb

In

Fric. Red.

Gal/Lb

In

Breaker

Gal/Lb

In

Blocking Agent

Gal/Lb

Perfpac Balls

Qty.

Other

Other

Other

Other

Date

Called Out

On Location

Job Started

Job Completed

3/19/04

3/19/04

3/19/04

3/19/04

Time

0800

0930

1017

1649

Well Data

New/Used

Weight

Size

Grade

From

To

Max. Allow

Casing

NEW

17.0

5 1/2"

0

4,000

Liner

Liner

Tubing

0

2,956

Drill Pipe

Open Hole

0

Shots/Ft.

Perforations

3050

Perforations

DV Tool

Hours On Location

Date

Hours

3/19/04

7.00

Operating Hours

Date

Hours

3/19/04

6.50

Description of Job

SEE JOB LOG

Ordered: N/A

Available: N/A

Used: N/A

Treating: N/A

Average Rates in BPM

Displacing: N/A

Overall: N/A

Feet:

Cement Left in Pipe

Reason: CUSTOMER REQUEST

Cement Data

Stage

Sacks

Cement

Bulk/Sks

Additives

W/Rq.

Yield

Lbs/Gal

150

PREMIUM G

BULK

0.5% CFR-3

3.80

0.99

17.0

150

PREMIUM G

BULK

NEAT WITH 71#S OF CFR-3 ON THE SIDE

3.80

0.99

17.0

200

TYPE III

BULK

6.77

1.39

14.5

Summary

Circulating

Displacement

Total Preflush BBL:

Type: WATER

Breakdown

Maximum

Load & Bkdn Gal - BBI

Pad:Bbl -Gal

Lost Returns-YES

Lost Returns-NO

Excess /ReturnGal BBI

Calc.Disp.

Cmt Rtrn#Bbl

Actual TOC

Calc. TOC:

Actual Disp.

Average

Frac. Gradier

Cement Slurry:

Disp:Bbl

Shut in: Instant

5 Min.

15 Min

Cement Mix H2O:

59

BBLs

59

BBLs

Frac Ring #1

Frac Ring #2

Frac Ring #3

Frac Ring #4

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER REPRESENTATIVE

SIGNATURE

HALLIBURTON JOB LOG

TICKET #
288626

TICKET DATE
3/19/2004

REGION
NORTH AMERICA LAND

NWA / COUNTRY
ROCKY MOUNTAIN

BDA / STATE
COLORADO

COUNTY
GARFIELD

MBU ID / EMPL # 244053

H.E.S. EMPLOYEE NAME
MICHAEL LEIST

PSL DEPARTMENT
CEMENTING SERVICES

LOCATION
GRAND JUNCTION, CO

COMPANY
WILLIAMS PRODUCTION

CUSTOMER REP / PHONE
RALPH SNOW 970-250-4144

TICKET AMOUNT
\$12.209.21

WELL TYPE
02 GAS

API/UWI #
N/A

WELL LOCATION
RIFLE 81650

DEPARTMENT
ZONAL ISOLATION 10003

JOB PURPOSE CODE
7526

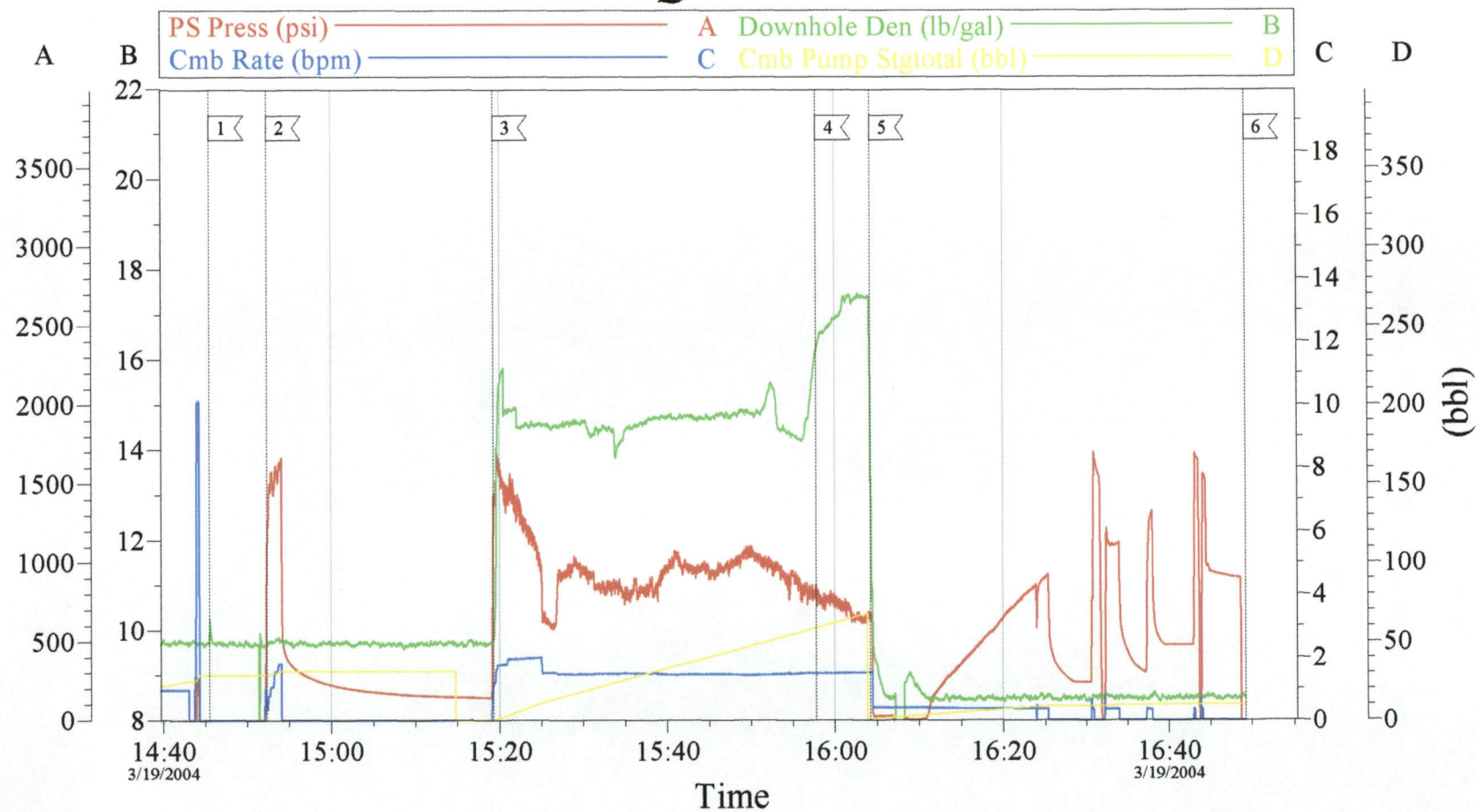
Description
SQUEEZE

LEASE NAME RMV	Well No. 8-16
--------------------------	-------------------------

SEC 16. T 6 S. R 94 W

[illegible]

SQUEEZE



Event Log					
1	START JOB	14:45:31	2	INJECTION RATE	14:52:22
3	PUMP LEAD CEMENT	15:19:16	4	PUMP TAIL CEMENT	15:57:48
5	PUMP DISPLACEMENT	16:04:13	6	END JOB	16:49:14

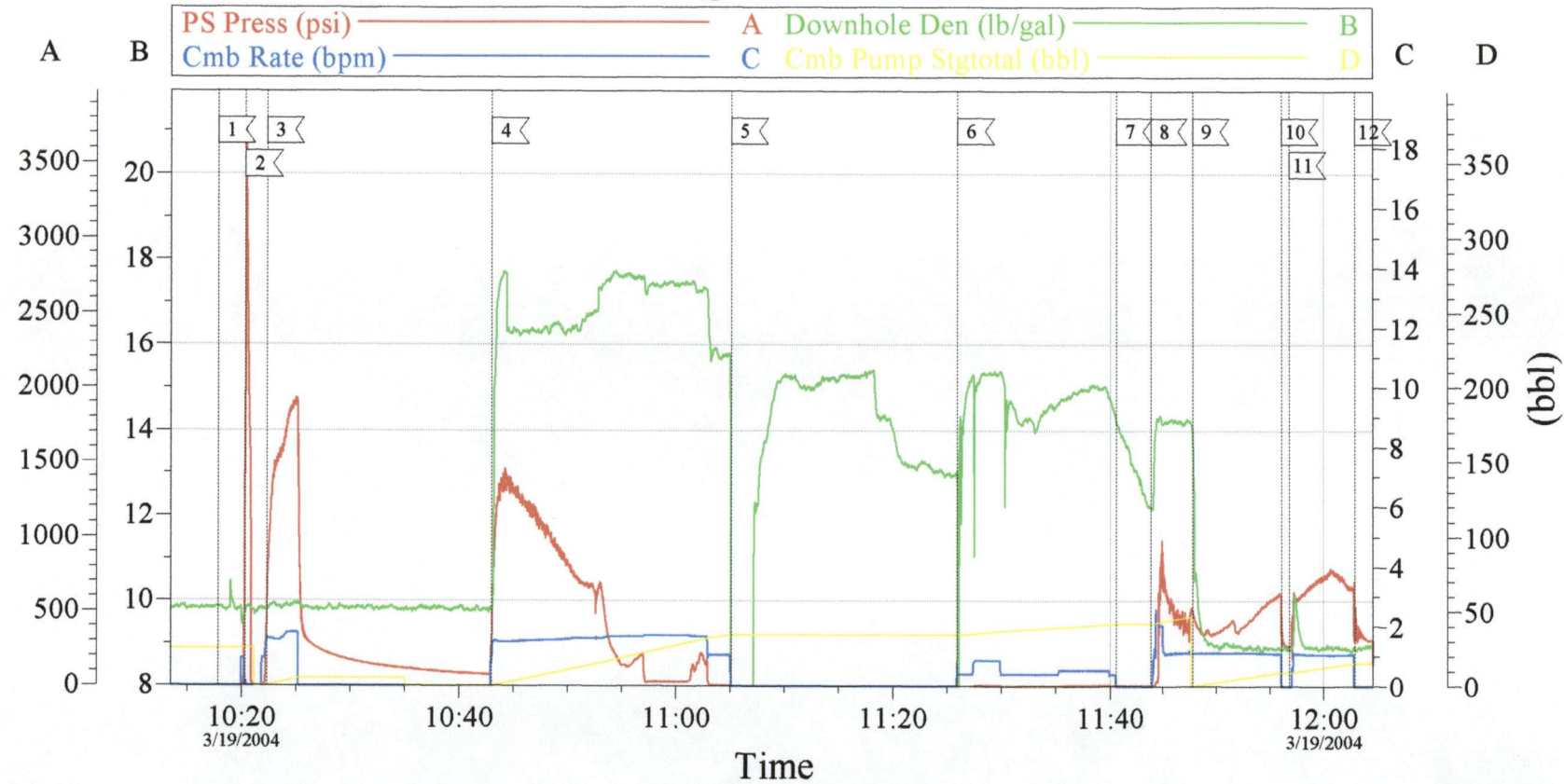
CUSTOMER: WILLIAMS PRODUCTION
CEMENTER: MICHAEL LEIST
CO. MAN: RALPH SNOW

JOB DATE: 3-19-04
ADC yes/no: YES
LEASE: RMV

TICKET #: 2886263
REAL TIME yes/no: YES
WELL #: 8-16

HALLIBURTON
CemWin v1.3.0
19-Mar-04 16:57

SQUEEZE



Event Log					
1	START JOB	10:17:48	2	TEST LINES	10:20:20
3	INJECTION TEST	10:22:20	4	PUMP CEMENT	10:42:59
5	SHUTDOWN	11:05:06	6	RESUME PUMPING	11:25:55
7	SHUTDOWN	11:40:36	8	RESUME PUMPING	11:43:52
9	PUMP DISPLACEMENT	11:47:48	10	SHUTDOWN	11:56:08
11	RESUME PUMPING	11:56:51	12	SHUTDOWN WOC	12:02:53

CUSTOMER: WILLIAMS PRODUCTION
CEMENTER: MICHAEL LEIST
CO. MAN: RALPH SNOW

JOB DATE: 3-19-04
ADC yes/no: YES
LEASE: RMV

TICKET #: 2886263
REAL TIME yes/no: YES
WELL #: 8-16

HALLIBURTON
CemWin v1.3.0
19-Mar-04 14:23