	59:16 PM S	tate of New Mexic	o		Form C-103 <sup>1</sup>
Office <u>District I</u> – (575) 393-6161 1625 N. French Dr., Hobbs, NM 8824		Energy, Minerals and Natural Resources		Revised July 18, 2013 WELL API NO.	
<u>District II</u> – (575) 748-1283 811 S. First St., Artesia, NM 88210		OIL CONSERVATION DIVISION		30-015-34204	
<u>District III</u> – (505) 334-6178	1220	0 South St. Francis		5.Indicate Type of Lease STATE FEE FEE FEDERAL	
1000 Rio Brazos Rd., Aztec, NM 8741 <u>District IV</u> – (505) 476-3460	10	anta Fe, NM 8750		STATE FEE A	
1220 S. St. Francis Dr., Santa Fe, NM 87505				o. State on & Gas Lease	NO.
	OTICES AND REPO		ACK TO A	7. Lease Name or Unit A	
DIFFERENT RESERVOIR. USE "AI	PPLICATION FOR PERM	IIT" (FORM C-101) FOR S	UCH	BIG CHIEF F	FEE
PROPOSALS.)  1. Type of Well: Oil Well Gas Well Other			8. Well Number <sub>009</sub>		
Name of Operator  Matador Production Company				9. OGRID Number 228937	
3. Address of Operator				10. Pool name or Wildca	
	e, 5400 LBJ Freeway, St	te 1500, Dallas, TX 75240	)	DUBLIN RANCH; MOI	RROW (GAS)
4. Well Location Unit Letter	: 1980 feet fi	rom the SOUTH	line and	1880 feet from the	EAST line
Section 15	Town			NMPM Count	
Section 10		Show whether DR, RK			y 2551
	,	3112 GR			
12 (1	1 A	4 T 1' 4 NT 4	CNL	D ( 01 D (	
12. Chec	ck Appropriate Bo	ox to Indicate Natu	re of Notice,	Report or Other Data	
	INTENTION TO			SEQUENT REPORT	
PERFORM REMEDIAL WORK			EMEDIAL WORI	<del></del>	ING CASING
TEMPORARILY ABANDON	☐ CHANGE PLAI ☐ MULTIPLE CO		OMMENCE DRI ASING/CEMENT	LLING OPNS. P AND	A 🗵
PULL OR ALTER CASING DOWNHOLE COMMINGLE	☐ MULTIPLE CO		ASING/CEIVIEIN	1 106 🔲	
CLOSED-LOOP SYSTEM					
OTHER:			THER:	1	1: 4: 4.1.14
12 D '1 1	1 / 1 /			d give pertinent dates, incliid	ding estimated date
13. Describe proposed or conference of starting any propose					
	d work). SEE RULE			mpletions: Attach wellbore	
of starting any propose	d work). SEE RULE				
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From: Alvarado, David, EMNRD

To: <u>Jackson Driggs</u>; <u>Drew Rylander</u>; <u>Manuel Gallegos</u>

Cc: Waylon Wolf

Subject: Re: [EXTERNAL] Big Chief #009 Remediation Date: Thursday, November 14, 2024 3:49:00 PM

Attachments: <u>image001.png</u>

## \*\*EXTERNAL EMAIL\*\*

Due to the circumstances I approve the above plan David

# Get Outlook for iOS

From: Jackson Driggs < JDriggs@matadorresources.com>

**Sent:** Thursday, November 14, 2024 2:39:45 PM

**To:** Alvarado, David, EMNRD < David. Alvarado@emnrd.nm.gov>; Drew Rylander

<drew.rylander@matadorresources.com>; Manuel Gallegos

<manuel.gallegos@matadorresources.com>

**Cc:** Waylon Wolf < WWolf@matadorresources.com > **Subject:** [EXTERNAL] Big Chief #009 Remediation

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

David,

After our original Intermediate shoe squeeze of 100 sks of Class cmt. We tagged at ~6,165'. In attempting to Squeeze an additional 40 sks through the shoe perfs at 6,150', we believe we have cemented 920' of tubing in place.

The tubing is free at 4,570'. Our proposal is to perforate the 5-1/2" at 5,700' and pump 260 sks of Class C cement to put the TOC inside our tubing, our tubing and production casing annulus, and our production casing / intermediate annulus all at 4,570'.

5,700' was determined, as it is the highest the cement could have gone in our production casing annulus when we pumped the 100 sk plug on 11/12. The Current estimated WBD is attached.

Thanks,

# **Jackson Driggs**

Sr. Staff Completions & Special Operations Engineer Matador Resources Company

Work: (972) 371 - 5484

Cell: (903) 343 – 5064

Email: JDriggs@matadorresources.com



This message is strictly confidential and is for the sole use of the intended recipient. If you are not the intended recipient of this message, you may not disclose, print, copy, disseminate or otherwise use this message or the information included herein. If you are not the intended recipient, please reply and notify the sender (only) and promptly delete the message.

10/30/24: MIRU P&A Package.

10/31/24: Kill well; NU & test BOPs.

11/1/24: POOH w/ tubing.

11/4/24: RIH & set CIBP @ 11,975' WLM.

11/5/24: TIH & tag CIBP @ 11,969' TM; Circulate wellbore full of MLF; Attempted Casing Integrity Test, failed test; OCD OK'd proceeding with first plug; Spot 75 sks Class H cmt on CIBP; While reversing tubing clean, pump pressured out indicating plugged tubing.

11/6/24: POOH & found 24 jts of plugged tubing; RIH & tag TOC @ 11,528' WLM; Ran CBL to surface, Est. Production Casing TOC @ 6,220' WLM.

11/7/24: TIH & tag TOC @ 11,540' TM; Spot additional 25 sks Class H cmt on top of tag @ 11,540' TM; POOH & pick up packer to locate casing issue; Identified Casing Integrity issue between 2,761' and 2,793' TM.

11/8/24: TIH & tag TOC @ 11,165' TM; Spot a 60 sk Class H balanced plug on top of tag @ 11,165' TM; PU & spot a 25 sk Class H balanced plug @ 9,707' TM; PU & spot a 25 sk Class C balanced plug @ 7,508' TM.

11/11/24: RIH & perf @ 6,200' WLM; Attempt to establish circulation, no success; RIH & perf @ 6,150' WLM, establish good circulation to surface.

11/12/24: TIH to 6,300' TM and spot a 100 sk Class C balanced plug; PU & Squeeze 13 bbls (55 sks) of cement thru perfs; WOC for 4 hrs; RIH & tag TOC @ 6,165' WLM.

11/13/24: RIH & Re-perf @ 6,150' WLM; Set packer @ 5,486' TM & squeeze additional 40 sks Class C cmt at high circulating pressure.

11/14/24: Attempt to unset packer, unsuccessful; RIH thru tubing & tag TOC @ 6,140' WLM; Ran Free Point Tool and determined packer & tubing was cemented in place up to 4,570' WLM; RIH thru tubing and perf @ 5,700' WLM (below packer), No circulation.

11/15/24: RIH thru tubing and perf @ 5,650' WLM (below packer); Establish circulation & squeeze 140 sks Class C cmt; WOC for 4 hrs; RIH & tag TOC @ 4,433' WLM; RIH & jet cut tubing @ 4,395' WLM; POOH w/ tubing.

11/18/24: RIH & perf @ 4,090' WLM; Establish circulation & squeeze 50 sks Class C cmt; WOC for 4 hrs; RIH & tag TOC @ 3,920' WLM; PU & perf @ 3,340' WLM.

11/19/24: TIH & establish circulation; Squeeze 50 sks Class C cmt; WOC for 4 hrs; RIH & tag TOC @ 3,145' WLM; PU & perf @ 2,793' WLM; TIH & establish circulation; Squeeze 75 sks Class C cmt.

11/20/24: RIH & tag TOC @ 2,553' WLM; PU & perf @ 373' WLM; Establish circulation in the 9-5/8"; TIH @ set packer @ 388' TM; Test casing below packer to 1,000 psi for 15 minutes, good integrity; POOH & circulate cement to surface thru perfs (150 sks Class C total).

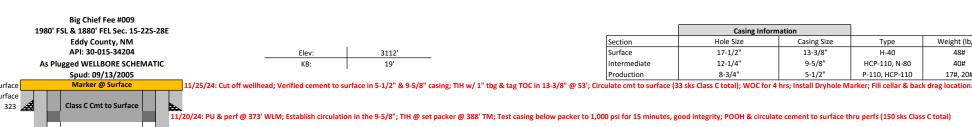
11/25/24: Cut off wellhead; Verified cement to surface in 5-1/2" & 9-5/8" casing; TIH w/ 1" tbg & tag TOC in 13-3/8" @ 53'; Circulate cmt to surface (33 sks Class C total); WOC for 4 hrs; Install Dryhole Marker; Fill cellar & back drag location.

Spud Date: 9/13/2005

Plug Date: RDMO; 11/25/24

NMOCD Inspector: David Alvarado

Page 6 of 7 Received by OCD: 11/26/2024 1:59:16 PM



**Casing Information** Hole Size Casing Size Type Weight (lb/ft) Joints Depth Set Section Surface 17-1/2" 13-3/8" H-40 48# 323 Intermediate 12-1/4" 9-5/8" HCP-110, N-80 40# 35, 101 6,150 Production 8-3/4" 5-1/2" P-110, HCP-110 17#, 20# 43, 235 12,805

11/20/24: PU & perf @ 373' WLM; Establish circulation in the 9-5/8"; TIH @ set packer @ 388' TM; Test casing below packer to 1,000 psi for 15 minutes, good integrity; POOH & circulate cement to surface thru perfs (150 sks Class C total) **Cementing Record** Formation Tops Section Туре TOC Date Run Delaware 2,672 Surface 200 sks x 200 sks Cl C Surface 9/14/2005 Cherry Canyon 3,290' 11/20/24: RIH & tag TOC @ 2,553' WLM. Intermediate 1800 sks x 200 sks CI C Surface 9/28/2005 Brushy Canyon 4.036' 11/19/24: PU & perf @ 2,793' WLM; TIH & establish circulation; Squeeze 75 sks Class C cmt. 500 sks x 475 sks CI C Production 6602 10/29/2005 Bone Spring 6,122' 75 sks Class C 11/7/24: Identified Casing Integrity issue with packer between 2,761' and 2,793' TM. Wolf Camp 9,664' 11/19/24: TIH & establish circulation; Squeeze 50 sks Class C cmt; WOC for 4 hrs; RIH & tag TOC @ 3,145' WLM. 10,879' Strawn 50 sks Class C 11/18/24: PU & perf @ 3,340' WLM. Atoka 11,191' 11.530' Morrow Limestone

11/18/24: RIH & perf @ 4,090' WLM; Establish circulation & squeeze 50 sks Class C cmt; WOC for 4 hrs; RIH & tag TOC @ 3,920' WLM.

11/15/24: RIH & tag TOC @ 4,433' WLM; RIH & jet cut tubing @ 4,395' WLM; POOH w/ tubing.

11/15/24: RIH thru tubing and perf @ 5,650' WLM (below packer); Establish circulation & squeeze 140 sks Class C cmt; WOC for 4 hrs.

11/14/24: Attempt to unset packer, unsuccessful; RIH thru tubing & tag TOC @ 6,140' WLM; Ran Free Point Tool and determined packer & tubing was cemented in place up to 4,570' WLM; RIH thru tubing and perf @ 5,700' WLM (below packer), No circulation.

11/13/24: RIH & Re-perf @ 6,150' WLM; Set packer @ 5,486' TM & squeeze additional 40 sks Class C cmt at high circulating pressure.

11/12/24: TIH to 6,300' TM and spot a 100 sk Class C balanced plug; PU & Squeeze 13 bbls (55 sks) of cement thru perfs; WOC for 4 hrs; RIH & tag TOC @ 6,165' WLM.

11/11/24: RIH & perf @ 6,200' WLM; Attempt to establish circulation, no success; RIH & perf @ 6,150' WLM, establish good circulation to surface.

11/8/24: PU & spot a 25 sk Class C balanced plug @ 7,508' TM.

11/8/24: PU & spot a 25 sk Class H balanced plug @ 9,707' TM

11/8/24: TIH & tag TOC @ 11,165' TM; Spot a 60 sk Class H balanced plug on top of tag @ 11,165' TM

11/7/24: TIH & tag TOC @ 11,540' TM; Spot additional 25 sks Class H cmt on top of tag @ 11,540' TM; POOH & pick up packer to locate casing issi

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11/4/24: RIH & set CIBP @ 11,975' WLM.

12/23/2005 Morrow perfs (12,024'-12,046') 12/23/2005 Frac Plua (12.116') 11/30/2005 (12,166'-12,310' Morrow perfs

11/1/24: POOH w/ tubing. 10/31/24: Kill well; NU & test BOPs. TD: 12,805 PBTD: 12,116 10/30/24: MIRU P&A Package.

sue.	11/30/2005	Morrow perts (4 spt, 40 holes)	(12,238'-12,248')	1,315 bbl 70 quality foam					
	11/24/2005	Morrow perfs (2 spf, 60 holes)	(12,280'-12,310')	1,313 bbi 70 quanty ioani					
st plug; Spot 75 sks Class H cmt on CIBP; While reversing tubing clean, pump pressured out indicating plugged tubing.									

Depth

(12,024'-12,046')

(12,166'-12,194')

Perforation Information

Formation

Morrow perfs (6 spf, 132 holes)

Morrow perfs (6 spf, 144 holes)

**Plugging Information** Date Pulled/ Drilled Type 12/23/2005 (12,116')Frac Plug

Date

12/23/2005

12/3/2005

Date: 11/26/2024

Treatment

No Stim

3k gal 7.5% HCl; 42k lbs 18/40 Versa Prop;

TOC:

TOC:

13-3/8"

**Tubing Cut** 

Packer

9-5/8" TOC:

5-1/2"

12.805

Surface

Surface

4,395

5,486

6,150

6,220'

50 sks Class C

140 sks Class C

100 sks Class C

25 sks Class C

25 sks Class H

60 sks Class H

25 sks Class H

75 sks Class H

CIBP

Frac Plug

Class C

40 sks

Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 406816

## **CONDITIONS**

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	406816
	Action Type:
	[C-103] Sub. Plugging (C-103P)

## CONDITIONS

Created By	Condition	Condition Date
gcordero	Clean Location in accordance with 19.15.25.10 NMAC.	12/13/2024
gcordero	Submit C-103Q within one year of plugging.	12/13/2024