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 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM
 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-015-34204
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name BIG CHIEF FEE
8. Well Number 009
9. OGRID Number 228937
10. Pool name or Wildcat DUBLIN RANCH; MORROW (GAS)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3112 GR

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator Matador Production Company	
3. Address of Operator One Lincoln Centre, 5400 LBJ Freeway, Ste 1500, Dallas, TX 75240	
4. Well Location Unit Letter J : 1980 feet from the SOUTH line and 1880 feet from the EAST line Section 15 Township 22S Range 28E NMPM County EDDY	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3112 GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☒
 CASING/CEMENT JOB ☐
 OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

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.
 11/12/24: RIH & perf @ 6,150' WLM; Set packer @ 5,486' TM & squeeze additional 40 sks Class C cmt at high circulating pressure.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Brett Jennings TITLE Regulatory Analyst DATE 11/26/2024

Type or print name Brett Jennings E-mail address: Brett_Jennings@matadorresources.com PHONE: 972-629-2160

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

From: [Alvarado, David, EMNRD](#)
To: [Jackson Driggs](#); [Drew Rylander](#); [Manuel Gallegos](#)
Cc: [Waylon Wolf](#)
Subject: Re: [EXTERNAL] Big Chief #009 Remediation
Date: Thursday, November 14, 2024 3:49:00 PM
Attachments: [image001.png](#)

****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 perms 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

Big Chief Fee #009
1980' FSL & 1880' FEL Sec. 15-225-28E
Eddy County, NM
API: 30-015-34204
As Plugged WELLBORE SCHEMATIC
Spud: 09/13/2005

Elev:	3112'
KB:	19'

Casing Information						
Section	Hole Size	Casing Size	Type	Weight (lb/ft)	Joints	Depth Set
Surface	17-1/2"	13-3/8"	H-40	48#	7	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

TOC: Surface 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.

TOC: Surface
13-3/8" 323
Class C Cmt to Surface
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)

75 sks Class C
50 sks Class C
50 sks Class C
11/20/24: RIH & tag TOC @ 2,553' WLM.
11/19/24: PU & perf @ 2,793' WLM; TIH & establish circulation; Squeeze 75 sks Class C cmt.
11/7/24: Identified Casing Integrity issue with packer between 2,761' and 2,793' TM.
11/19/24: TIH & establish circulation; Squeeze 50 sks Class C cmt; WOC for 4 hrs; RIH & tag TOC @ 3,145' WLM.
11/18/24: PU & perf @ 3,340' WLM.

50 sks Class C
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.

40 sks 140 sks Class C
11/15/24: RIH & tag TOC @ 4,433' WLM; RIH & jet cut tubing @ 4,395' WLM; POOH w/ tubing.

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

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

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

60 sks Class H
25 sks Class H
75 sks Class H
CIBP
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 issue.
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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.
11/4/24: RIH & set CIBP @ 11,975' WLM.

12/23/2005	Morrow perfs	(12,024'-12,046')
12/23/2005	Frac Plug	(12,116')
11/30/2005	Morrow perfs	(12,166'-12,310')

11/1/24: POOH w/ tubing.
10/31/24: Kill well; NU & test BOPs.
10/30/24: MIRU P&A Package.

TD: 12,805
PBDT: 12,116

Cementing Record				Formation Tops	
Section	Type	TOC	Date Run	Delaware	2,672'
Surface	200 sks x 200 sks Cl C	Surface	9/14/2005	Cherry Canyon	3,290'
Intermediate	1800 sks x 200 sks Cl C	Surface	9/28/2005	Brushy Canyon	4,036'
Production	500 sks x 475 sks Cl C	6602	10/29/2005	Bone Spring	6,122'
				Wolf Camp	9,664'
				Strawn	10,879'
				Atoka	11,191'
				Morrow Limestone	11,530'

Perforation Information			
Date	Formation	Depth	Treatment
12/23/2005	Morrow perfs (6 spf, 132 holes)	(12,024'-12,046')	No Stim
12/3/2005	Morrow perfs (6 spf, 144 holes)	(12,166'-12,194')	3k gal 7.5% HCl; 42k lbs 18/40 Versa Prop; 1,315 bbl 70 quality foam
11/30/2005	Morrow perfs (4 spf, 40 holes)	(12,238'-12,248')	
11/24/2005	Morrow perfs (2 spf, 60 holes)	(12,280'-12,310')	

Plugging Information			
Date	Type	Depth	Pulled/ Drilled
12/23/2005	Frac Plug	(12,116')	No

Date: 11/26/2024

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: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 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