

Office
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. 30-015-33556
5. Indicate Type of Lease STATE [ ] FEE [X]
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name BIG CHIEF FEE
8. Well Number 006
9. OGRID Number 228937
10. Pool name or Wildcat DUBLIN RANCH; MORROW (GAS)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3068 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 [ ] Gas Well [X] Other
2. Name of Operator Matador Production Company
3. Address of Operator 5400 LBJ Freeway Ste 1500 Dallas, TX 75240
4. Well Location Unit Letter F; 1980 feet from the North line and 1980 feet from the West line
Section 21 22S Township 28E Range NMPM County Eddy
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3068 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 [X]
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.

9/24/24: MIRU P&A Package.
9/25/24: Kill well; NU & test BOPs; Could not release packer.
9/26/24: Worked on releasing packer; Could not release packer.
9/27/24: MIRU WL & jet cut tubing @ 10,554' WLM; Begin POOH w/ tubing.
10/1/24: POOH w/ tubing; Found cut at 10,542' tubing tally.
10/3/24 - 10/18/24: Made several attempts to fish and found extreme casing issues; Recovered only bits of tubing & casing; Could not establish injection into formation; OCD approved plugging out from 10,550'.
10/21/24: RIH w/ CCL & JB, found bad casing starting at 10,568' WLM; RIH & set CIBP @ 10,550' WLM; Ran CBL to surface.
10/22/24: TIH & tag CIBP @ 10,537' TM; Circulate wellbore full of MLF; Pressure test casing to 500 psi for 30 minutes, good test; Spot 25 sks of Class H cmt on CIBP.
10/23/24: TIH & tag TOC @ 10,486' TM; OCD requested 25 additional sks, no tag required; Spot 25 sks Class H cmt @ 10,486' TM; PU & spot a 25 sk Class H cmt balanced plug @ 9,575' TM; PU & spot a 25 sk Class C cmt balanced plug @ 7,464' TM.
10/24/24: TIH & tag TOC @ 7,319' TM; PU & spot a 30 sk Class C cmt balanced plug @ 6,165' TM; WOC for 4 hrs; TIH & tag TOC @ 5,966' TM, OCD approved; PU & spot a 25 sk Class C cmt balanced plug @ 4,670' TM.
10/25/24: RIH & perf @ 3,580' WLM; Attempt to establish injection, no success; TIH & spot a 25 sk Class C cmt balanced plug @ 3,633' TM.
10/28/24: RIH & tag TOC @ 3,457' WLM; PU & perf @ 2,670' WLM; Establish circulation & squeeze 75 sks Class C cmt; WOC for 4 hrs; RIH & tag TOC @ 2,395' WLM; PU & perf @ 2,346' WLM; Establish circulation & squeeze 50 sks Class C cmt.
10/29/24: RIH & tag TOC @ 2,158' WLM; PU & perf @ 455' WLM; Establish circulation in 5-1/2" x 9-5/8" annulus; Squeeze cement to surface (160 sks Class C total).
10/30/24: Cut off wellhead and verify cement to surface in 5-1/2" & 9-5/8" casing strings; Tag TOC @ 38" in 13-3/8"; TIH w/ 1" tbg & topped off with 35 sks Class C cmt; Install Dryhole Marker; Fill cellar & back drag location.

Spud Date: 8/26/2004
Plug Date: RDMO; 10/31/24
NMOCD Inspector: David Alvarado

Spud Date:

[Empty box for Spud Date]

Rig Release Date:

[Empty box for Rig Release Date]

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

SIGNATURE [Signature] TITLE Regulatory Analyst DATE 11/20/2024

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):

9/24/24: MIRU P&A Package.

9/25/24: Kill well; NU & test BOPs; Could not release packer.

9/26/24: Worked on releasing packer; Could not release packer.

9/27/24: MIRU WL & jet cut tubing @ 10,554' WLM; Begin POOH w/ tubing.

10/1/24: POOH w/ tubing; Found cut at 10,542' tubing tally.

10/3/24 - 10/18/24: Made several attempts to fish and found extreme casing issues; Recovered only bits of tubing & casing; Could not establish injection into formation; OCD approved plugging out from 10,550'.

10/21/24: RIH w/ CCL & JB, found bad casing starting at 10,568' WLM; RIH & set CIBP @ 10,550' WLM; Ran CBL to surface.

10/22/24: TIH & tag CIBP @ 10,537' TM; Circulate wellbore full of MLF; Pressure test casing to 500 psi for 30 minutes, good test; Spot 25 sks of Class H cmt on CIBP.

10/23/24: TIH & tag TOC @ 10,486' TM; OCD requested 25 additional sks, no tag required; Spot 25 sks Class H cmt @ 10,486' TM; PU & spot a 25 sk Class H cmt balanced plug @ 9,575' TM; PU & spot a 25 sk Class C cmt balanced plug @ 7,464' TM.

10/24/24: TIH & tag TOC @ 7,319' TM; PU & spot a 30 sk Class C cmt balanced plug @ 6,165' TM; WOC for 4 hrs; TIH & tag TOC @ 5,966' TM, OCD approved; PU & spot a 25 sk Class C cmt balanced plug @ 4,670' TM.

10/25/24: RIH & perf @ 3,580' WLM; Attempt to establish injection, no success; TIH & spot a 25 sk Class C cmt balanced plug @ 3,633' TM.

10/28/24: RIH & tag TOC @ 3,457' WLM; PU & perf @ 2,670' WLM; Establish circulation & squeeze 75 sks Class C cmt; WOC for 4 hrs; RIH & tag TOC @ 2,395' WLM; PU & perf @ 2,346' WLM; Establish circulation & squeeze 50 sks Class C cmt.

10/29/24: RIH & tag TOC @ 2,158' WLM; PU & perf @ 455' WLM; Establish circulation in 5-1/2" x 9-5/8" annulus; Squeeze cement to surface (160 sks Class C total).

10/30/24: Cut off wellhead and verify cement to surface in 5-1/2" & 9-5/8" casing strings; Tag TOC @ 38' in 13-3/8"; TIH w/ 1" tbg & topped off with 35 sks Class C cmt; Install Dryhole Marker; Fill cellar & back drag location.

Spud Date: 8/26/2004

Plug Date: RDMO; 10/31/24

NMOCD Inspector: David Alvarado

**From:** [Alvarado, David, EMNRD](#)  
**To:** [Jackson Driggs](#)  
**Cc:** [Dirk-Philip van den Berg](#); [Waylon Wolf](#); [Mark Ritchie](#); [Ernie Casaus](#); [Drew Rylander](#)  
**Subject:** Re: [EXTERNAL] Big Chief Fee #006 NOI P&A Variance  
**Date:** Tuesday, October 22, 2024 7:39:47 AM  
**Attachments:** [image001.png](#)

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

I have received and reviewed CBL  
Balance plugs up to 3580'  
All plugs at 3580 and above perf and SQZ

Get [Outlook for iOS](#)

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**From:** Alvarado, David, EMNRD <David.Alvarado@emnrd.nm.gov>  
**Sent:** Monday, October 21, 2024 1:28:41 PM  
**To:** Jackson Driggs <JDriggs@matadorresources.com>  
**Cc:** Dirk-Philip van den Berg <dvandenberg@matadorresources.com>; Waylon Wolf <WWolf@matadorresources.com>; Mark Ritchie <mark.ritchie@matadorresources.com>; Ernie Casaus <ernie.casaus@matadorresources.com>; Drew Rylander <drew.rylander@matadorresources.com>  
**Subject:** Re: [EXTERNAL] Big Chief Fee #006 NOI P&A Variance

I'm still waiting for the CBL

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**From:** Jackson Driggs <JDriggs@matadorresources.com>  
**Sent:** Monday, October 21, 2024 1:10:26 PM  
**To:** Alvarado, David, EMNRD <David.Alvarado@emnrd.nm.gov>  
**Cc:** Dirk-Philip van den Berg <dvandenberg@matadorresources.com>; Waylon Wolf <WWolf@matadorresources.com>; Mark Ritchie <mark.ritchie@matadorresources.com>; Ernie Casaus <ernie.casaus@matadorresources.com>; Drew Rylander <drew.rylander@matadorresources.com>  
**Subject:** [EXTERNAL] Big Chief Fee #006 NOI P&A Variance

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

David,

I have attached for your approval, the updated Big Chief Fee #006 (30-015-33556) plugging plan. Included on the .pdf is the Fish left in hole and the proposal to set the CIBP at 10,550' above the top of fish. Please respond with your approval, thanks.

Matador is requesting to plug and abandon the Big Chief Fee #006 per the required COA, following the procedure below:

- Notify NMOCD 24 hrs before MIRU.

- Safety mtg, MIRU, check pressures, ND wellhead, NU & test BOPs, POOH w/ tubing.
- 10,550': Set CIBP @ Spot 25 sks Class H cmt (Est. 10,347' / Req. 10,450'); WOC & Tag
- Circulate Wellbore Full of MLF; Pressure test casing to 500 psi for 30 minutes; Run CBL log to surface.
- 9,575': Spot 25 sks Class H cmt (Est. 9,372' / Req. 9,472') (Wolfcamp)
- 7,465': Spot 25 sks Class C cmt (Est. 7,212' / Req. 7,365') (DV tool)
- 6,165': Perf & Sqz 80 sks Class C cmt Plug (Est. 5,917' / Req. 5,950'); WOC & Tag (Intermediate Shoe & Bone Spring)
- 4,670': Spot 25 sks Class C cmt (Est. 4,417') (Brushy Canyon)
- 3,580': Spot 25 sks Class C cmt (Est. 3,327') (Cherry Canyon)
- 2,670': Spot 25 sks Class C cmt (Est. 2,417') (Bell Canyon & Delaware)
- 2,350': Spot 100 sks Class C cmt (Est. 1,337') (Base of Salt & Est. TOC)
- 455': Perf & Sqz Class C cmt to surface on all strings (Est. 125 sks)
- Cut off wellhead and ensure cmt to surface on all csg strings.
- Install dry hole marker per NMOCD specifications.

\*Current and proposed wellbore diagrams attached

\*\*Mud laden fluid (MLF) mixed at 25sks/100 bbls water will be spotted between each plug.

Thanks,

**Jackson Driggs**

*Sr. Staff Completions & Special Operations Engineer*

*Office: 972-371-5484*

---

**From:** Brett Jennings <brett.jennings@matadorresources.com>

**Sent:** Tuesday, May 14, 2024 10:02 AM

**To:** Jackson Driggs <JDriggs@matadorresources.com>; Kyle Perkins

<KPerkins@matadorresources.com>

**Cc:** Kristin Welch <KWelch@matadorresources.com>; Dirk-Philip van den Berg

<dvandenberg@matadorresources.com>; Waylon Wolf <WWolf@matadorresources.com>;

Veronica Ware <VWare@matadorresources.com>; Sam Pryor <spryor@matadorresources.com>;

Jose Maldonado <jose.maldonado@matadorresources.com>; Padgitt Diehl

<padgitt.diehl@matadorresources.com>

**Subject:** RE: Big Chief Fee #006 NOI P&A

Good morning,

This sundry has been submitted under Action ID 344060.

Best Regards,

Brett

---

**From:** Jackson Driggs <JDriggs@matadorresources.com>

**Sent:** Monday, May 13, 2024 4:36 PM

**To:** Brett Jennings <[brett.jennings@matadorresources.com](mailto:brett.jennings@matadorresources.com)>; Kyle Perkins <[KPerkins@matadorresources.com](mailto:KPerkins@matadorresources.com)>  
**Cc:** Jackson Driggs <[JDriggs@matadorresources.com](mailto:JDriggs@matadorresources.com)>; Kristin Welch <[KWelch@matadorresources.com](mailto:KWelch@matadorresources.com)>; Dirk-Philip van den Berg <[dvandenberg@matadorresources.com](mailto:dvandenberg@matadorresources.com)>; Waylon Wolf <[WWolf@matadorresources.com](mailto:WWolf@matadorresources.com)>; Veronica Ware <[VWare@matadorresources.com](mailto:VWare@matadorresources.com)>; Sam Pryor <[spryor@matadorresources.com](mailto:spryor@matadorresources.com)>; Jose Maldonado <[jose.maldonado@matadorresources.com](mailto:jose.maldonado@matadorresources.com)>; Padgitt Diehl <[padgitt.diehl@matadorresources.com](mailto:padgitt.diehl@matadorresources.com)>  
**Subject:** Big Chief Fee #006 NOI P&A

Brett,

When you get the chance can you please submit a Notice of Intent sundry (C-103) to the NMOCD to Plug and Abandon the Big Chief Fee #006 (30-015-33556) with the proposed update and summary of operations:

Matador is requesting to plug and abandon the Big Chief Fee #006 per the required COA, following the procedure below:

- Notify NMOCD 24 hrs before MIRU.
- Safety mtg, MIRU, check pressures, ND wellhead, NU & test BOPs, POOH w/ tubing.
- 12,200': Set CIBP @ Spot 25 sks Class H cmt (Est. 11,997' / Req. 12,100'); WOC & Tag
- Circulate Wellbore Full of MLF; Pressure test casing to 500 psi for 30 minutes; Run CBL log to surface.
- 11,415': Spot 80 sks Class H cmt (Est. 10,765' / Req. 10,816') (Morrow, Atoka, Strawn)
- 9,575': Spot 25 sks Class H cmt (Est. 9,372' / Req. 9,472') (Wolfcamp)
- 7,465': Spot 25 sks Class C cmt (Est. 7,212' / Req. 7,365') (DV tool)
- 6,165': Perf & Sqz 80 sks Class C cmt Plug (Est. 5,917' / Req. 5,950'); WOC & Tag (Intermediate Shoe & Bone Spring)
- 4,670': Spot 25 sks Class C cmt (Est. 4,417') (Brushy Canyon)
- 3,580': Spot 25 sks Class C cmt (Est. 3,327') (Cherry Canyon)
- 2,670': Spot 25 sks Class C cmt (Est. 2,417') (Bell Canyon & Delaware)
- 2,350': Spot 100 sks Class C cmt (Est. 1,337') (Base of Salt & Est. TOC)
- 455': Perf & Sqz Class C cmt to surface on all strings (Est. 125 sks)
- Cut off wellhead and ensure cmt to surface on all csg strings.
- Install dry hole marker per NMOCD specifications.

\*Current and proposed wellbore diagrams attached

\*\*Mud laden fluid (MLF) mixed at 25sks/100 bbls water will be spotted between each plug.

I have attached the current and proposed wellbore diagrams. Please let me know if you need anything else from me!

Thanks,

**Jackson Driggs**

**Completions Engineer II  
Matador Resources Company**

Work: (972) 371 – 5484

Cell: (903) 343 – 5064

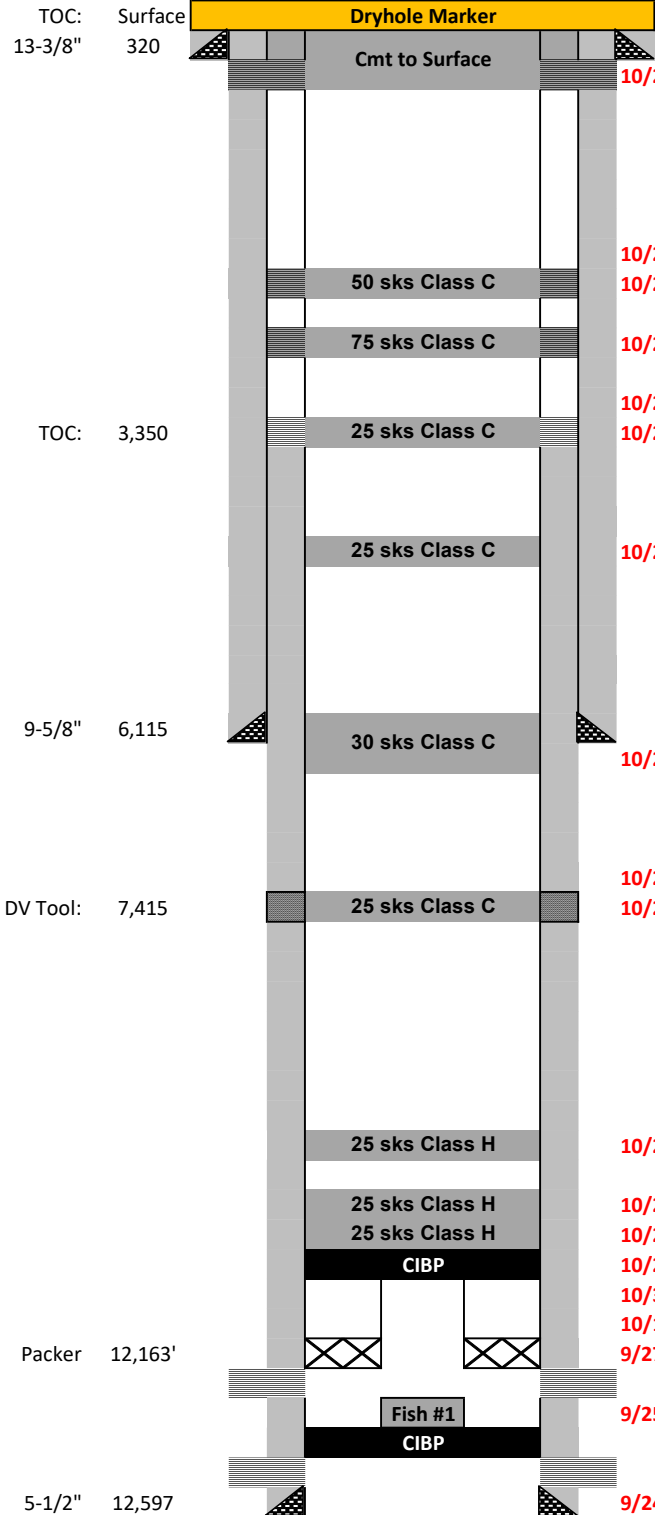
Email: [JDriggs@matadorresources.com](mailto:JDriggs@matadorresources.com)



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Big Chief Fee #006  
 1980' FNL & 1980' FWL Sec. 21-225-28E  
 Eddy County, NM  
 API: 30-015-33556  
**As Plugged WELLBORE SCHEMATIC**  
 Spud: 08/26/2004

Elev: 3,068  
 KB: 19



**10/30/24:** Cut off wellhead and verify cement to surface in 5-1/2" & 9-5/8" casing strings; Tag TOC @ 38' in 13-3/8"; TIH w/ 1" tbg & topped off with 35 sks Class C cmt; Install Dryhole Marker; Fill cellar & back drag location.

**10/29/24:** PU & perf @ 455' WLM; Establish circulation in 5-1/2" x 9-5/8" annulus; Squeeze cement to surface (160 sks Class C total).

**10/29/24:** RIH & tag TOC @ 2,158' WLM.

**10/28/24:** PU & perf @ 2,346' WLM; Establish circulation & squeeze 50 sks Class C cmt.

**10/28/24:** PU & perf @ 2,670' WLM; Establish circulation & squeeze 75 sks Class C cmt; WOC for 4 hrs; RIH & tag TOC @ 2,395' WLM.

**10/28/24:** RIH & tag TOC @ 3,457' WLM.

**10/25/24:** RIH & perf @ 3,580' WLM; Attempt to establish injection, no success; TIH & spot a 25 sk Class C cmt balanced plug @ 3,633' TM.

**10/24/24:** PU & spot a 25 sk Class C cmt balanced plug @ 4,670' TM.

**10/24/24:** PU & spot a 30 sk Class C cmt balanced plug @ 6,165' TM; WOC for 4 hrs; TIH & tag TOC @ 5,966' TM, OCD approved.

**10/24/24:** TIH & tag TOC @ 7,319' TM.

**10/23/24:** PU & spot a 25 sk Class C cmt balanced plug @ 7,464' TM.

**10/23/24:** PU & spot a 25 sk Class H cmt balanced plug @ 9,575' TM.

**10/23/24:** TIH & tag TOC @ 10,486' TM; OCD requested 25 additional sks, no tag required; Spot 25 sks Class H cmt @ 10,486' TM.

**10/22/24:** TIH & tag CIBP @ 10,537' TM; Circulate wellbore full of MLF; Pressure test casing to 500 psi for 30 minutes, good test; Spot 25 sks of Class H cmt on CIBP.

**10/21/24:** RIH w/ CCL & JB, found bad casing starting at 10,568' WLM; RIH & set CIBP @ 10,550' WLM; Ran CBL to surface.

**10/3/24 - 10/18/24:** Made several attempts to fish and found extreme casing issues; Recovered only bits of tubing & casing; Could not establish injection into formation.

**10/1/24:** POOH w/ tubing; Found cut at 10,542' tubing tally.

**9/27/24:** MIRU WL & jet cut tubing @ 10,554' WLM; Begin POOH w/ tubing.

**11/2/2004** Morrow perfs (12,271-12,285) **9/26/24:** Worked on releasing packer; Could not release packer.

**9/25/24:** Kill well; NU & test BOPs; Could not release packer.

**10/1/2024** Fish #2 (10,554' - 12,233')

**10/27/2004** Morrow perfs (12,400-12,420)

**9/24/24:** MIRU P&A Package.

Casing Information						
Section	Hole Size	Casing Size	Type	Weight (lb/ft)	Joints	Depth Set
Surface	17-1/2"	13-3/8"	H-40	48#	8	320
Intermediate	12-1/4"	9-5/8"	N-80, P-110	40#	143	6,115
Production	7-7/8"	5-1/2"	S-95, P-110	17#	274	12,597
					DV Tool	5-1/2"
						7,415

Cementing Record			
Section	Type	TOC	Date Run
Surface	200 sks 35/65 Poz C x 200 sks CI C	Surface	8/27/2004
Intermediate	2200 sks 35/65 Poz x 200 sks CI C	Surface	9/11/2004
Production	(1) 800 sks, (2) 400 sks x 200 sks CI H	3350	10/6/2004

Formation Tops	
Salado	403
Base of Salt	2,295
Delaware Sand	2,545
Bell Canyon	2,620
Cherry Canyon	3,530
Brushy Canyon	4,618
Bone Spring	6,000
3rd Bond Spring	9,039
Wolfcamp	9,512
Pennsylvanian	
Strawn	10,866
Atoka	11,255
Morrow Limestone	11,365
Morrow Clastics	11,875

Still in Hole Information		
Date	Type	Depth
10/1/2024	Fish #2	(10,554' - 12,233')
11/2/2004	Fish #1	12,372'
11/2/2004	CIBP	12,390'

Fish #2 Information		
Date	Type	Depth
Tubing	(51.5 jts) 2-7/8" 6.5# EUE L-80 tubing	(10,554')
Marker Joint	(1) 2-7/8" 6.5# EUE L-80 tubing (6')	
Tubing	(1) 2-7/8" 6.5# EUE L-80 tubing	
Seat Nipple	On/Off w/ 2.25" F Nipple	
Packer	Arrow-Set 10k pkr	12,163'
Tubing	(1) 2-7/8" 6.5# EUE L-80 tubing	
Sub	2.25" R Nipple	
Tubing	(1) 2-7/8" 6.5# EUE L-80 tubing	12,233'

Fish #1 Information		
Date	Type	Depth
Guns	Mech FH w/ auto release	
Guns	Blank Gun	
Guns	Loaded Guns	(12,372-12,386)
Bull Plug	Bull Plug	
EOT	Propellant	12,390

Perforation Information			
Date	Formation	Depth	Treatment
11/2/2004	Morrow perfs (6 spf, 84 holes)	(12,271-12,285)	None. TCP
10/27/2004	Morrow perfs (6 spf, 120 holes)	(12,400-12,420)	4k gal 7.5% HCl, 240 RCNBS

Date: 11/4/2024

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 405339

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 405339
	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.	11/22/2024
gcordero	Submit C-103Q within one year of plugging.	11/22/2024