

Santa Fe Main Office  
Phone: (505) 476-3441  
General Information  
Phone: (505) 629-6116

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

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

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		WELL API NO. 30-025-54301 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> 6. State Oil & Gas Lease No.
2. Name of Operator EOG RESOURCES INC		7. Lease Name or Unit Agreement Name MAD ADDER 31 STATE COM 8. Well Number 101H
3. Address of Operator P.O. BOX 2267, MIDLAND, TEXAS 79702		9. OGRID Number 7377 10. Pool name or Wildcat [97784] WC-025 G-06 S253201M; UPPER BONE SPR
4. Well Location Unit Letter <u>O</u> : <u>1219</u> feet from the <u>SOUTH</u> line and <u>2042</u> feet from the <u>EAST</u> line Section <u>30</u> Township <u>24S</u> Range <u>33E</u> NMPM County <u>LEA</u>		
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3526' GR		

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>

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.

EOG respectfully requests an amendment to our approved APD for this well to reflect the following changes:

Mad Adder 31 State Com 101H API #: 30-025-54301

Update casing and cement program to current design.

Did not circulate cement to surface on intermediate (CBL TOC @ 2000'). Pressure tested intermediate annulus, pressure held, and we would not be able to top out. We will bring production cement to surface.

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 Kayla McConnell TITLE REGULATORY SPECIALIST DATE 02/25/2025

Type or print name KAYLA MCCONNELL E-mail address: KAYLA\_MCCONNELL@EOGRESOURCES.COM PHONE: 432.265.6804

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

**From:** [Kautz, Paul, EMNRD](#)  
**To:** [Eric Brorman](#)  
**Subject:** RE: [EXTERNAL] FW: MAD ADDER 31 STATE COM #101H CBL LOG  
**Date:** Monday, February 24, 2025 2:50:04 PM  
**Attachments:** [image001.png](#)

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**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Eric,

Go ahead and continue drilling. On production string bring cement on surface casing to ground surface. Submit a C-103A with changes to production cement include TOC from CBL run on intermediate and information pressuring up on intermediate.

Paul Kautz  
Petroleum Specialist  
Hobbs Field Office Geologist  
Energy Minerals Natural Resources Dept.  
Oil Conservation Division  
1625 N. French Dr.  
Hobbs, NM 88240  
Cell # 575-602-4493

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**From:** Eric Brorman <[Eric\\_Brorman@eogresources.com](mailto:Eric_Brorman@eogresources.com)>  
**Sent:** Monday, February 24, 2025 12:55 PM  
**To:** Kautz, Paul, EMNRD <[paul.kautz@emnrd.nm.gov](mailto:paul.kautz@emnrd.nm.gov)>  
**Subject:** [EXTERNAL] FW: MAD ADDER 31 STATE COM #101H CBL LOG

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

Hey Paul,

We had another well not get cement to surface. This one has the surface casing at 1,156', and the TOC looks to be around 2000'. They put pressure on the backside and it held, so they do not think they would be able to establish an injection rate to bradenhead the cement. Would bringing the production cement to surface suffice to comply with the 2 strings cemented to surface?

Thanks,

Eric

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**From:** Ethan Blucher <[Ethan\\_Blucher@eogresources.com](mailto:Ethan_Blucher@eogresources.com)>  
**Sent:** Monday, February 24, 2025 12:48 PM  
**To:** Eric Brorman <[Eric\\_Brorman@eogresources.com](mailto:Eric_Brorman@eogresources.com)>  
**Subject:** FW: MAD ADDER 31 STATE COM #101H CBL LOG

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**From:** hp653rig <[HP653Rig@eogresources.com](mailto:HP653Rig@eogresources.com)>  
**Sent:** Sunday, February 23, 2025 1:44 PM  
**To:** Ethan Blucher <[Ethan\\_Blucher@eogresources.com](mailto:Ethan_Blucher@eogresources.com)>; Jimmy Whitaker  
<[Jimmy\\_Whitaker@eogresources.com](mailto:Jimmy_Whitaker@eogresources.com)>; Jeremy Bergeron <[Jeremy\\_Bergeron@eogresources.com](mailto:Jeremy_Bergeron@eogresources.com)>  
**Subject:** MAD ADDER 31 STATE COM #101H CBL LOG

Thank you,

**JEREMY NORRIS / CHRIS TEMPLE**



H&P 653

Cell: 432-640-7775

**[HP653RIG@EOGRESOURCES.COM](mailto:HP653RIG@EOGRESOURCES.COM)**



**Mad Adder 31 State Com 101H API #: 30-025-54301**

EOG respectfully requests an amendment to our approved APD for this well to reflect the following changes:

Update casing and cement program to current design.

Did not circulate cement to surface on intermediate (CBL TOC @ 2000'). Pressure tested intermediate annulus, pressure held, and we would not be able to top out. We will bring production cement to surface.



Mad Adder 31 State Com 101H

1219' FSL  
2042' FEL  
Section 31  
T-24-S, R-33-E

Wellbore

KB: 3551'  
GL: 3526'

API: 30-025-54301

Bit Size: 13"  
10-3/4", 40.5#, J-55, STC  
@ 0' - 1,000'

Bit Size: 9-7/8"  
8-5/8", 32. #, J-55, BTC-SC  
@ 0' - 5,401'

Bit Size: 7-7/8" | Bit Size: 6-3/4"  
6", 24.5#, P110-EC, VAM Sprint-TC  
@ 0' - 9,057'

5-1/2", 20. #, P110-EC, VAM Sprint SF  
@ 9,057' - 20,043'

If production Bradenhead is performed, TOC will  
be at surface  
TOC @ 4,901', if performed conventionally.

KOP: 9,359' MD, 9,157' TVD  
EOC: 10,109' MD, 9,634' TVD

Lateral: 20,043' MD, 9,634' TVD  
BH Location: 100' FNL & 1025'  
FEL  
Sec. 30  
T-24-S R-33-E



## Mad Adder 31 State Com 101H

### Permit Information:

Well Name: Mad Adder 31 State Com 101H

Location: SHL: 1219' FSL & 2042' FEL, Section 31, T-24-S, R-33-E, LEA Co., N.M.

BHL: 100' FNL & 1025' FEL, Section 30, T-24-S, R-33-E, LEA Co., N.M.

### Casing Program:

Hole Size	Interval MD		Interval TVD		Csg OD	Weight	Grade	Conn
	From (ft)	To (ft)	From (ft)	To (ft)				
13"	0	1,000	0	1,000	10-3/4"	40.5#	J-55	STC
9-7/8"	0	5,352	0	5,132	8-5/8"	32#	J-55	BTC-SC
7-7/8"	0	9,259	0	9,057	6"	24.5#	P110-EC	VAM Sprint-TC
6-3/4"	9,259	20,043	9,057	9,634	5-1/2"	20#	P110-EC	VAM Sprint SF

**\*\*For highlighted rows above, variance is requested to run entire string of either or casing string above due to availability.**

### Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft3/sk	Slurry Description
1,000'	230	13.5	1.73	Class C/H + additives (TOC @ Surface)
	100	14.8	1.34	Class C/H + additives
5,350'	440	12.7	1.11	Tail: Class C/H + additives + expansion additives (TOC @ 2000')
	250	14.8	1.5	Lead: Class C/H + additives (TOC @ 4,145')
20,043'	650	10.5	3.21	Lead: Class C/H + additives (TOC @ 4,901')
	1270	13.2	1.52	Bradenhead + Topout Class C/H + additives (TOC @ Surface)

### Mud Program:

Section	Depth	Type	Weight (ppg)	Viscosity	Water Loss
Surface	0 – 1,000'	Fresh - Gel	8.6-9.2	28-34	N/c
Intermediate	1,000' – 5,130'	Brine	9.0-10.5	28-34	N/c
Production	5,130' – 20,043' Lateral	Oil Base	8.8-9.5	58-68	N/c - 6



## Mad Adder 31 State Com 101H

### TUBING REQUIREMENTS

EOG respectfully requests an exception to the following NMOCD rule:

- 19.15.16.10 Casing AND TUBING REQUIREMENTS:  
J (3): "The operator shall set tubing as near the bottom as practical and tubing perforations shall not be more than 250 feet above top of pay zone."

With horizontal flowing and gas lifted wells an end of tubing depth placed at or slightly above KOP is a conservative way to ensure the tubing stays clean from debris, plugging, and allows for fewer well interventions post offset completion. The deeper the tubulars are run into the curve, the higher the probability is that the tubing will become stuck in sand and or well debris as the well produces over time. An additional consideration for EOT placement during artificial lift installations is avoiding the high dog leg severity and inclinations found in the curve section of the wellbore to help improve reliability and performance. Dog leg severity and inclinations tend not to hamper gas lifted or flowing wells, but they do effect other forms of artificial lift like rod pump or ESP (electric submersible pump). Keeping the EOT above KOP is an industry best practice for those respective forms of artificial lift.

**Mad Adder 31 State Com 101H****Hydrogen Sulfide Plan Summary**

A. All personnel shall receive proper H<sub>2</sub>S training in accordance with Onshore Order III.C.3.a.

B. Briefing Area: two perpendicular areas will be designated by signs and readily accessible.

C. Required Emergency Equipment:

■ Well control equipment

- a. Flare line 150' from wellhead to be ignited by flare gun.
- b. Choke manifold with a remotely operated choke.
- c. Mud/gas separator

■ Protective equipment for essential personnel.

Breathing apparatus:

- a. Rescue Packs (SCBA) — 1 unit shall be placed at each breathing area, 2 shall be stored in the safety trailer.
- b. Work/Escapes packs — 4 packs shall be stored on the rig floor with sufficient air hose not to restrict work activity.
- c. Emergency Escape Packs — 4 packs shall be stored in the doghouse for emergency evacuation.

Auxiliary Rescue Equipment:

- a. Stretcher
- b. Two OSHA full body harness
- c. 100 ft 5/8 inch OSHA approved rope
- d. 1-20# class ABC fire extinguisher

■ H<sub>2</sub>S detection and monitoring equipment:

The stationary detector with three sensors will be placed in the upper dog house if equipped, set to visually alarm @ 10 ppm and audible @ 14 ppm. Calibrate a minimum of every 30 days or as needed. The sensors will be placed in the following places: Rig floor / Bell nipple / End of flow line or where well bore fluid is being discharged.

(Gas sample tubes will be stored in the safety trailer)

■ Visual warning systems.

- a. One color code condition sign will be placed at the entrance to the site reflecting the possible conditions at the site.
- b. A colored condition flag will be on display, reflecting the current condition at
- c. Two wind socks will be placed in strategic locations, visible from all angles.



■ Mud program:

The mud program has been designed to minimize the volume of H<sub>2</sub>S circulated to surface. The operator will have the necessary mud products to minimize hazards while drilling in H<sub>2</sub>S bearing zones.

■ Metallurgy:

All drill strings, casings, tubing, wellhead, blowout preventer, drilling spool, kill lines, choke manifold and lines, and valves shall be suitable for H<sub>2</sub>S service.

■ Communication:

Communication will be via cell phones and land lines where available.



**Mad Adder 31 State Com #101H  
Emergency Assistance Telephone List**

**PUBLIC SAFETY:** **911 or**

Lea County Sheriff's Department		(575) 396-3611
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Rod Coffman

**Fire Department:**

Carlsbad		(575) 885-3125
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Artesia		(575) 746-5050
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**Hospitals:**

Carlsbad		(575) 887-4121
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Artesia		(575) 748-3333
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Hobbs		(575) 392-1979
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Dept. of Public Safety/Carlsbad		(575) 748-9718
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Highway Department		(575) 885-3281
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New Mexico Oil Conservation		(575) 476-3440
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NMOCD Inspection Group - South		(575) 626-0830
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U.S. Dept. of Labor		(575) 887-1174
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**EOG Resources, Inc.**

EOG / Midland	Office	(432) 686-3600
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**Company Drilling Consultants:**

David Dominique	Cell	(985) 518-5839
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Mike Vann	Cell	(817) 980-5507
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**Drilling Engineer**

Stephen Davis	Cell	(432) 235-9789
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Matt Day	Cell	(432) 296-4456
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**Drilling Manager**

Branden Keener	Office	(432) 686-3752
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	Cell	(210) 294-3729
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**Drilling Superintendent**

Steve Kelly	Office	(432) 686-3706
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	Cell	(210) 416-7894
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**H&P Drilling**

H&P Drilling	Office	(432) 563-5757
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H&P 651 Drilling Rig	Rig	(903) 509-7131
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**Tool Pusher:**

Johnathan Craig	Cell	(817) 760-6374
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Brad Garrett

**Safety:**

Brian Chandler (HSE Manager)	Office	(432) 686-3695
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	Cell	(817) 239-0251
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Sante Fe Main Office  
Phone: (505) 476-3441

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

CONDITIONS

Action 434941

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 434941
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	Cement is required to circulate on production strings of casing.	2/26/2025