

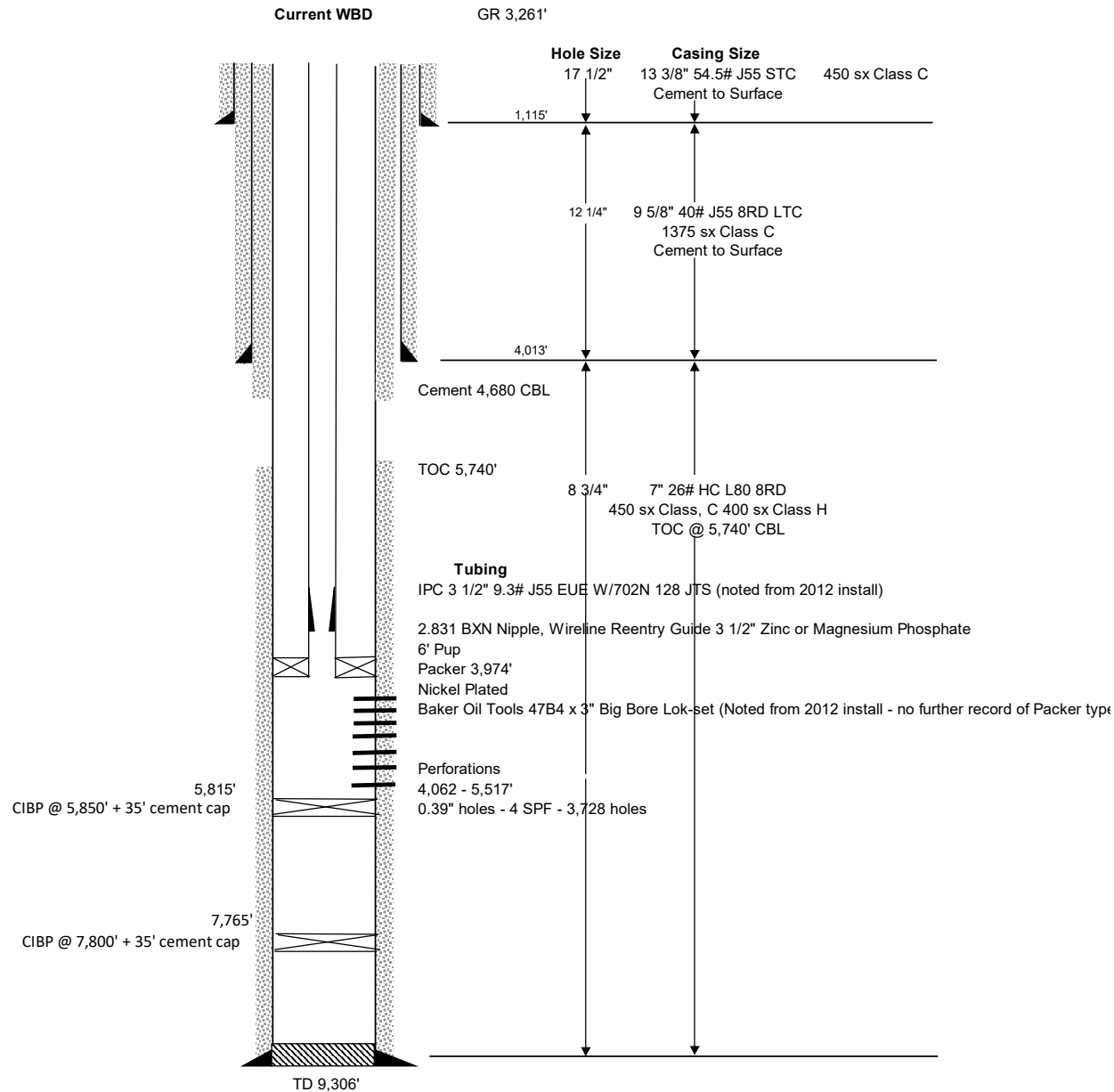
Addendum to Seismicity Protocol Form

1/20/23

EOG Resources, Inc. ("EOG") previously filed a Seismicity Response Protocol Form for the Ross Gulch 8 #3 (30-015-39736) on 10/14/22. In the six months prior to 10/14/2022, EOG injected only two days, resulting in an average injection rate of 218 BBLs/d. EOG has not injected any volumes into this well since 8/16/2022, and therefore the average daily injection rate and the corresponding reduction rate is unchanged from the 10/14/22 filing.



Ross Gulch 8 #3 SWD
 32.0568161,-103.8011627
 API 30-015-39736
 Eddy County, New Mexico
 Max Permitted Injection Pressure: 800 psi
 Permitted INjection Zone 4000-6400'
 ODesser Edit 8/2/2021



			Boreholes, Strings and Equipment Specifications			Specifications for Strings and Tubing			Strings Cemented and Intervals			Cement and Plug Description		
String/Hole Type	Taper	Date Set	Diameter	Top	Bottom (Depth)	Grade	Length	Weight	Bot of Cem	Top of Cem	Meth	Class of Cement	Sacks	Pressure Test (Y/N)
Hole 1	1	02/26/2012	17.500	0	1115		0	0.0	0	0			0	No
Surface Casing	1	02/26/2012	13.375	0	1115	UKN	1115	54.5	1115	0		Class C Cement	450	No
Hole 2	1		12.250	1115	4013		0	0.0	0	0			0	No
Intermediate 1 Casing	1		9.625	0	4013	UKN	4013	40.0	4013	0		Class C Cement	1375	No
Hole 3	1	03/01/2012	8.750	4013	9306		0	0.0	0	0			0	No
Production Casing	1	03/01/2012	7.000	0	9305	UKN	9305	26.0	9306	0			0	No
Tubing 1	1	05/18/2012	3.500	0	3974		0	0.0	0	0			0	No
Packer	1		0.000	0	3974		0	0.0	0	0			0	No

8/6/2021

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

General Information
Phone: (505) 629-6116

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

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

DEFINITIONS

Action 177922

DEFINITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 177922
	Action Type: [UF-SA] Seismicity Response Protocol Information (UF-SA-SRPI)

DEFINITIONS

For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application: <ul style="list-style-type: none">this application's operator, hereinafter "this operator".
This form must be completed as part of OCD's Seismicity Response Protocol and updated after any qualifying event thereafter.
Applicability: This form must be completed for each well classified as an Underground Injection Control (UIC) Class II disposal well or Class II enhanced recovery injection well with active injection authority (wells). "Active injection authority" means a well that is authorized to inject pursuant to an administrative permit or hearing order. This includes wells that have an approved Application for Permit to Drill and have an approved injection permit but have not yet been drilled or commenced injection.

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QUESTIONS

Action 177922

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QUESTIONS

Prerequisites	
Well	[30-015-39736] ROSS GULCH 8 #003

Seismic Event Information

The source and reference ID is required, if you would like to submit information of a new seismic event.

Source of information (i.e., USGS, NMTSO, TexNet, other)	USGS
Reference ID from source of information	tx2023bbdb
Magnitude	3.1
Latitude	32.01000
Longitude	-103.81100
Date of occurrence	01/15/2023
Depth of occurrence (kilometers)	4.11

Injection Order

Please indicate the latest (current) injection order permitting injection for this well.

Admin Order (SWD-#)	SWD-1311-0 [pTGW1136236584]
Hearing Order (R-#)	Not answered.

Well Information

The following information is required for each well permitted within a 10-mile proximity of the epicenter.

Distance from epicenter (miles)	3
Top perforated and/or open-hole interval (vertical depth in feet)	4,062
Bottom perforated and/or open-hole interval (vertical depth in feet)	5,517
Formation(s) completed	[96100] SWD; Delaware

Well Information Prior to Injection Volume Reduction

Daily rates and pressures are based on the active injection days during the prior 6-month period.

Average daily injection rate (BBLS per day), prior to reduction	218
Average injection daily pressure (PSI), prior to reduction	456
Well Type (i.e., Commercial, Lease Only, Single Operator)	Single Operator

Well Information After Injection Volume Reduction

The following information is required for each well permitted within a 10-mile proximity of the epicenter.

Required injection rate reduction percentage (0%, 25%, 50%, Shut-in)	25%
Average daily injection rate (BBLS per day) limit, post reduction	163
Average injection daily pressure (PSI) limit, post reduction	800
Reduction start date	10/14/2022
Reduction achieved date	10/14/2022

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ACKNOWLEDGMENTS

Action 177922

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ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	This operator acknowledges that it must take the appropriate following action(s) as part of its seismic response protocol:
<input checked="" type="checkbox"/>	This operator shall report the daily injection volumes and pressures for each well on a weekly basis on the form prescribed by the OCD. The report is due on the Wednesday the week following the weekly monitoring interval.
<input checked="" type="checkbox"/>	This operator shall start or continue to digitally measure injection volumes and pressures for each well at a minimum of an hourly basis, and shall archive the data and make it available to OCD upon receipt of a written request.
<input checked="" type="checkbox"/>	This operator shall monitor seismicity events with magnitudes equal to or greater than M2.5 within a radius of 10 miles around each well using USGS / NMTSO data, and shall archive the data and make it available to OCD upon receipt of a written request.
<input checked="" type="checkbox"/>	This operator shall notify OCD and provide updated pertinent well information within 24 hours of an event greater than M 2.5 within a radius of 10 miles around each well using this OCD form.
<input checked="" type="checkbox"/>	After each event greater than M 2.5 within a radius of 10 miles around each well, this operator shall inspect well head and well equipment of each well to ensure proper working order. As part of this inspection, Operator should evaluate whether a Bradenhead test or MIT is warranted to ensure wellbore integrity.
<input checked="" type="checkbox"/>	I certify that, after reasonable inquiry and based on the available information at the time of submittal, this Seismic Information Form is true and correct to the best of my knowledge, and I acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
pgoetze	None	1/8/2025