Submit 1 Copy To Appropriate District 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

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

Form C-103
Revised July 18, 2013

WELL API NO.
30-015-56910

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
330807

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.)

7. Lease Name or Unit Agreement Name
Golden Graham 1 Fed Com

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

8. Well Number 504H

2. Name of Operator
EOG Resources, Inc.

9. OGRID Number 7377

3. Address of Operator
P.O. Box 2267, Midland, Texas 79702

10. Pool name or Wildcat
51010 Red Bluff; Bone Spring, South

4. Well Location
Unit Letter O : 756 feet from the South line and 1394 feet from the East line
Section 1 26S Township 28E Range NMNM Eddy County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
2915' GR

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☒	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			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.

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.

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 Star L Harrell TITLE Regulatory Advisor DATE 7/14/2025

Type or print name Star Harrell E-mail address: star_harrell@eogresources.com PHONE: 432-257-2428

For State Use Only

APPROVED BY: TITLE DATE
Conditions of Approval (if any):

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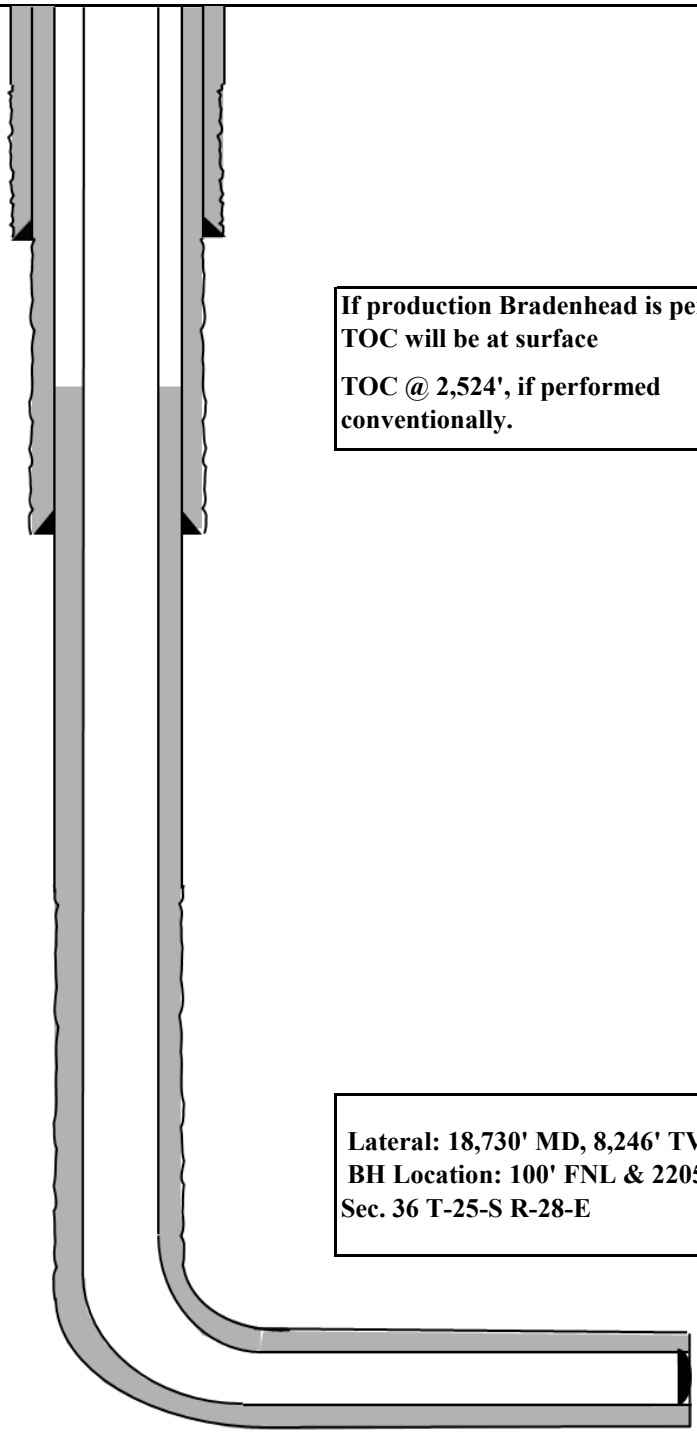
Golden Graham 1 Fed Com #504H
EDDY County, New Mexico

756' FSL
1394' FEL
Section 1
T-26-S, R-28-E

Revised Wellbore

API: 30-025-56910

KB: 2940'
GL: 2915'



Bit Size: 13"
10-3/4", 40.5#, J-55, STC
@ 0' - 600' MD
@ 0' - 600' TVD

Bit Size: 9-7/8"
8-5/8", 32.#, J-55, BTC-SC
@ 0' - 4,202' MD
@ 0' - 4,000' TVD

Bit Size: 7-7/8"|Bit Size: 6-3/4"
6", 24.5#, P110-EC, VAM Sprint-TC
@ 0' - 7,839' MD
@ 0' - 7,669' TVD
5-1/2", 20.#, P110-EC, VAM Sprint SF
@ 7,839' - 18,730' MD
@ 7,669' - 8,246' TVD

KOP: 7,939' MD, 7,769' TVD
EOC: 8,689' MD, 8,246' TVD

If production Bradenhead is performed, TOC will be at surface

TOC @ 2,524', if performed conventionally.

Lateral: 18,730' MD, 8,246' TVD
BH Location: 100' FNL & 2205' FEL
Sec. 36 T-25-S R-28-E

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Golden Graham 1 Fed Com #504H

Permit Information:

Well Name: Golden Graham 1 Fed Com 504H

Location: SHL: 756' FSL & 1394' FEL, Section 1, T-26-S, R-28-E, EDDY Co., N.M.
BHL: 100' FNL & 2205' FEL, Section 36, T-25-S, R-28-E, EDDY Co., N.M.

Casing Program:

Hole Size	Interval MD From (ft)	Interval MD To (ft)	Interval TVD From (ft)	Interval TVD To (ft)	Csg OD	Weight	Grade	Conn
13"	0	600	0	600	10-3/4"	40.5#	J-55	STC
9-7/8"	0	4,202	0	4,000	8-5/8"	32#	J-55	BTC-SC
7-7/8"	0	7,839	0	7,669	6"	24.5#	P110-EC	VAM Sprint-TC
6-3/4"	7,839	18,730	7,669	8,246	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 availablility.

Cement Program:

Depth MD	No. Sacks	Wt. ppg	Yld Ft3/sk	Slurry Description
600'	140	13.5	1.73	Class C/H + additives (TOC @ Surface)
	100	14.8	1.34	Class C/H + additives
4,200'	240	12.7	1.11	Tail: Class C/H + additives + expansion additives (TOC @ 2000')
	150	14.8	1.5	Lead: Class C/H + additives (TOC @ 2,258')
18,730'	780	10.5	3.21	Lead: Class C/H + additives (TOC @ 2,524')
	1280	13.2	1.52	Tail: Class C/H + additives (TOC @ 7,939')

Mud Program:

Section	Depth	Type	Weight (ppg	Viscosity	Water Loss
Surface	0 – 600'	Fresh - Gel	8.6-9.2	28-34	N/c
Intermediate	600' – 2,610'	Brine	9.0-10.5	28-34	N/c
Production	2,610' – 18,730' Lateral	Oil Base	8.8-9.5	58-68	N/c - 6

Golden Graham 1 Fed Com #504H

TUBING REQUIREMENTS:

EOG respectively 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.

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Golden Graham 1 Fed Com #504H

GEOLOGIC NAME OF SURFACE FORMATION:

Permian

ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

Castile	981'
Base of Salt	2,510'
Lamar	2,722'
Bell Canyon	2,743'
Cherry Canyon	3,595'
Brushy Canyon	5,185'
Bone Spring Lime	6,429'
Leonard (Avalon) Shale	6,509'
1st Bone Spring Sand	7,342'
2nd Bone Spring Shale	7,578'
2nd Bone Spring Sand	8,033'
3rd Bone Spring Carb	8,534'
3rd Bone Spring Sand	9,125'
TD	8,246'

ESTIMATED DEPTHS OF ANTICIPATED FRESH WATER, OIL OR GAS:

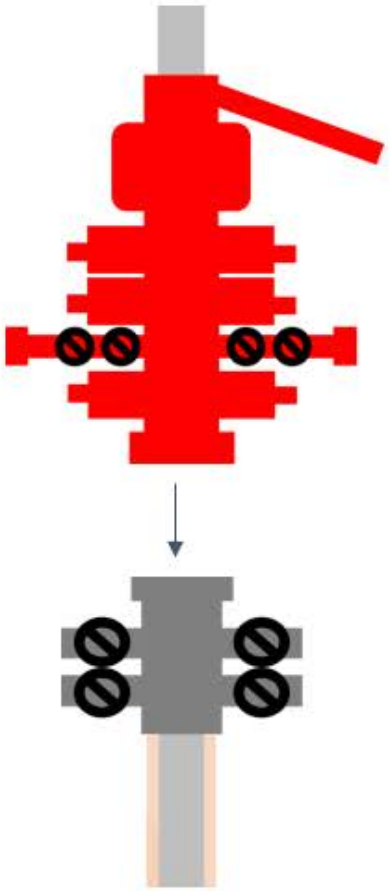
Upper Permian Sands	0- 400’	Fresh Water
Lamar	2,722'	Oil
Cherry Canyon	3,595'	Oil
Brushy Canyon	5,185'	Oil
Bone Spring Lime	6,429'	Oil
Leonard (Avalon) Shale	6,509'	Oil
1st Bone Spring Sand	7,342'	Oil
2nd Bone Spring Shale	7,578'	Oil
2nd Bone Spring Sand	8,033'	Oil

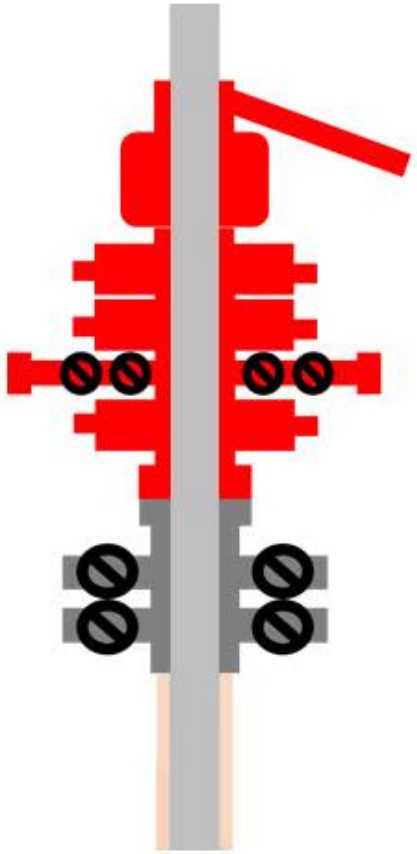
Break-test BOP & Offline Cementing:

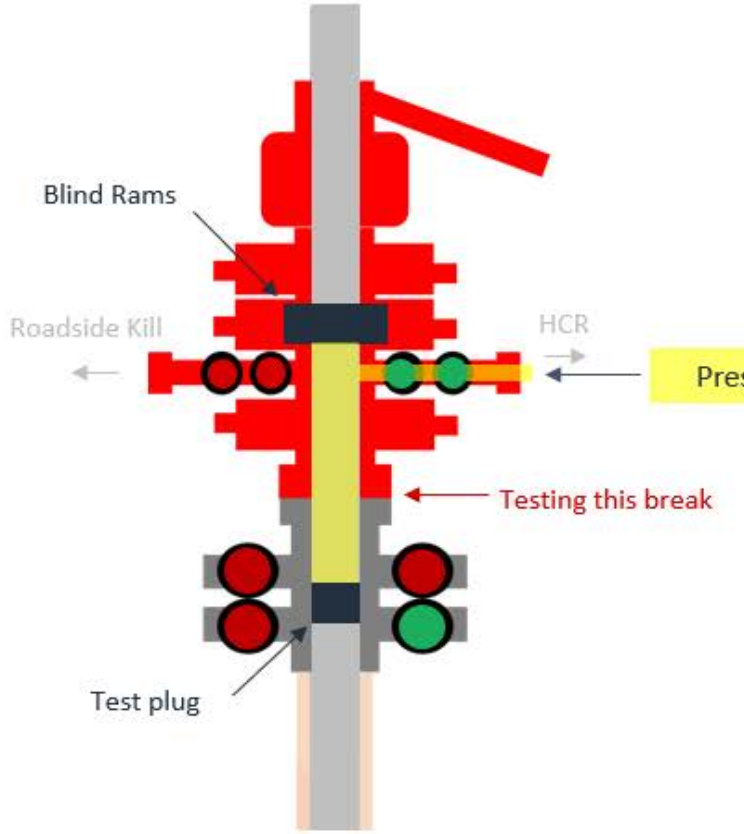
EOG Resources Inc. (EOG) respectfully requests a variance from the minimum standards for well control equipment testing of ECFR Title 43 Part 3172.6(b)(9)(iv) to allow a testing schedule of the blow out preventer (BOP) and blow out prevention equipment (BOPE) along with Batch Drilling & Offline cement operations to include the following:

- Full BOPE test at first installation on the pad.
- Full BOPE test every 30 days.
- This test will be conducted for 5M rated hole intervals only.
- Each rig requesting the break-test variance is capable of picking up the BOP without damaging components using winches, following API Standard 53, Well Control Equipment Systems for Drilling Wells (Fifth edition, December 2018, Annex C. Table C.4) which recognizes break testing as an acceptable practice.
- Function tests will be performed on the following BOP elements:
    - Annular à during each full BOPE test
    - Upper Pipe Rams à On trip ins where FIT required
    - Blind Rams à Every trip
    - Lower Pipe Rams à during each full BOPE test
- Break testing BOP and BOPE coupled with batch drilling operations and option to offline cement and/or remediate (if needed) any surface or intermediate sections, according to attached offline cementing support documentation.
- After the well section is secured, the BOP will be disconnected from the wellhead and walked with the rig to another well on the pad.
- TA cap will also be installed per Wellhead vendor procedure and pressure inside the casing will be monitored via the valve on the TA cap as per standard batch drilling ops.

Break Test Diagram (HCR valve)



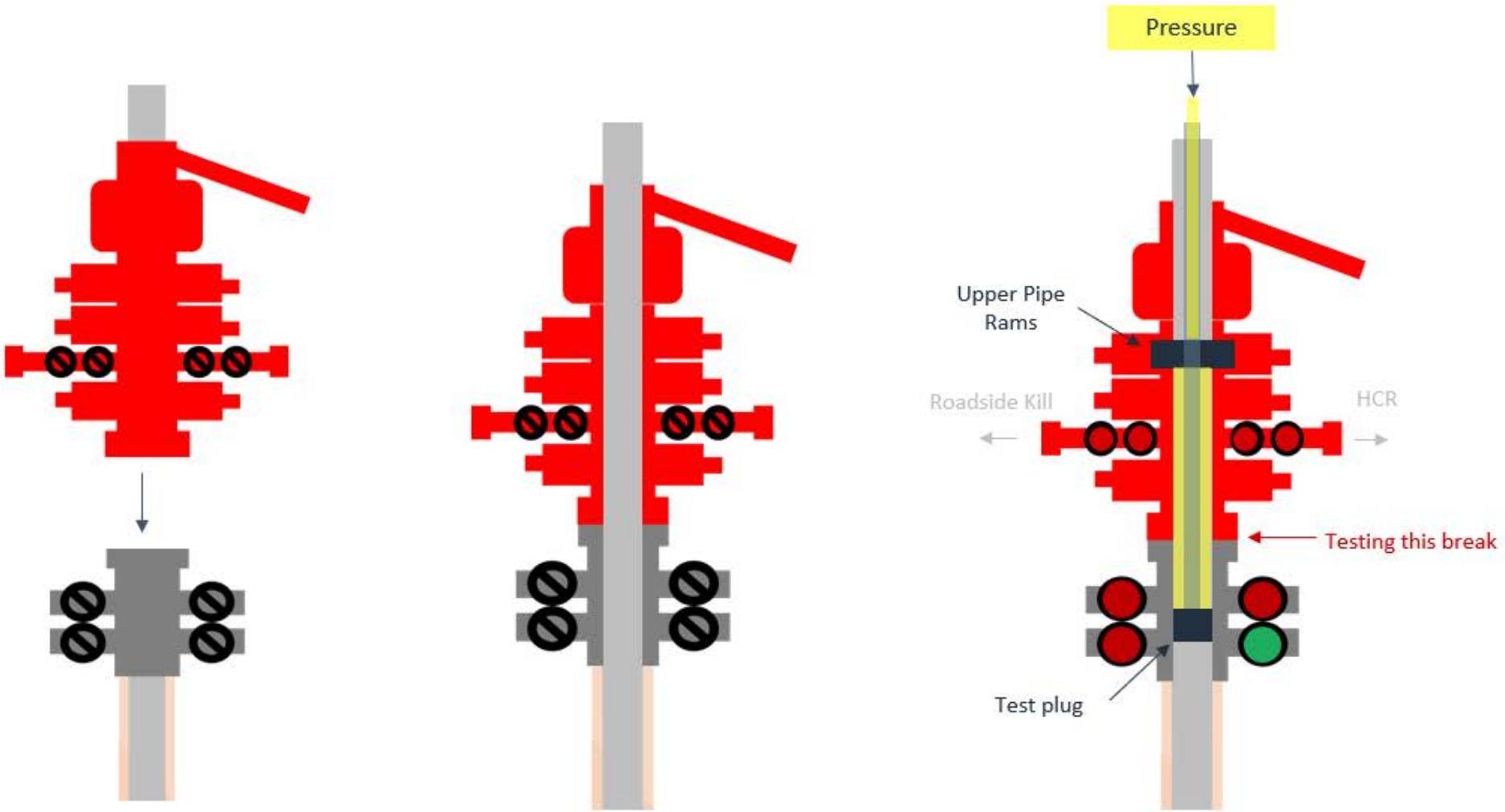




Steps

1. Set plug in wellhead (lower barrier)
2. Close Blind Rams (upper barrier)
3. Close roadside kill
4. Open HCR (pressure application)
5. Open wellhead valves below test plug to ensure if leak past test plug, pressure won't be applied to wellbore
6. Tie BOP testers high pressure line to main choke manifold crown valve
7. Pressure up to test break
8. Bleed test pressure from BOP testing unit

Break Test Diagram (Test Joint)



Steps

1. Set plug in with test joint wellhead (lower barrier)
2. Close Upper Pipe Rams (upper barrier)
3. Close roadside kill
4. Close HCR
5. Open wellhead valves below test plug to ensure if leak past test plug, pressure won't be applied to wellbore
6. Tie BOP testers high pressure line to top of test joint
7. Pressure up to test break
8. Bleed test pressure from BOP testing unit

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 484446

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 484446
	Action Type: [C-103A] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
keith.dziokonski	If cement is not circulated to surface during cementing operations, a Cement Bond Log (CBL) is required.	4/10/2026
keith.dziokonski	All prior COA's still apply	4/10/2026