



### Holyfield 9 Fed Com 723H

#### Revised Permit Information 10/11/2021:

Well Name: Holyfield 9 Fed Com 723H

Location: SHL: 200' FSL & 2640' FWL, Section 9, T-25-S, R-34-E, Lea Co., N.M.

BHL: 100' FNL & 1980' FEL, Section 4, T-25-S, R-34-E, Lea Co., N.M.

#### Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DFmin Collapse	DFmin Burst	DFmin Tension
12.25"	0' - 870'	9.625"	36#	J-55	LTC	1.125	1.25	1.6
8.75"	0' - 11,440'	7.625"	29.7#	HCP-110	FXL	1.125	1.25	1.6
6.75"	0' - 10,940'	5.5"	20#	P-110EC	DWC/C-IS MS	1.125	1.25	1.6
6.75"	10,940' - 11,440'	5.5"	20#	P-110EC	VAM SFC	1.125	1.25	1.6
6.75"	11,440' - 22,955'	5.5"	20#	P-110EC	DWC/C-IS MS	1.125	1.25	1.6

Variance is requested to waive the centralizer requirements for the 7-5/8" casing in the 8-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 8-3/4" hole interval to maximize cement bond and zonal isolation.

Variance is also requested to waive any centralizer requirements for the 5-1/2" casing in the 6-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 6-3/4" hole interval to maximize cement bond and zonal isolation.

Variance is also requested to waive the annular clearance requirements for the 5-1/2" casing by 7-5/8" casing annulus to the proposed top of cement.

EOG requests permission to allow deviation from the 0.422" annulus clearance requirement from Onshore Order #2 under the following conditions:

- Annular clearance to meet or exceed 0.422" between intermediate casing ID and production casing coupling only on the first 500' overlap between both casing strings.
- Annular clearance less than 0.422" is acceptable for the production open hole section.

#### Cementing Program:

Depth	No. Sacks	Wt. ppg	Yld Ft3/sk	Slurry Description
870' 9-5/8"	250	13.5	1.73	Lead: Class C + 4.0% Bentonite Gel + 0.5% CaCl <sub>2</sub> + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	80	14.8	1.34	Tail: Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate (TOC @ 664')
11,440' 7-5/8"	450	14.2	1.11	1st Stage (Tail): Class C + 0.6% Halad-9 + 0.45% HR-601 + 3% Microbond (TOC @ 7,660')
	1310	14.8	1.5	2nd Stage (Bradenhead squeeze): Class C + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (TOC @ surface)
22,955' 5-1/2"	1020	14.2	1.31	Lead: Class H + 0.4% Halad-344 + 0.35% HR-601 + 3% Microbond (TOC @ 10,943')



### Holyfield 9 Fed Com 723H

Additive	Purpose
Bentonite Gel	Lightweight/Lost circulation prevention
Calcium Chloride	Accelerator
Cello-flake	Lost circulation prevention
Sodium Metasilicate	Accelerator
MagOx	Expansive agent
Pre-Mag-M	Expansive agent
Sodium Chloride	Accelerator
FL-62	Fluid loss control
Halad-344	Fluid loss control
Halad-9	Fluid loss control
HR-601	Retarder
Microbond	Expansive Agent

EOG requests variance from minimum standards to pump a two stage cement job on the 7-5/8" intermediate casing string with the first stage being pumped conventionally with the calculated top of cement at the Brushy Canyon (7,860') and the second stage performed as a bradenhead squeeze with planned cement from the Brushy Canyon to surface. If necessary, a top out consisting of 1,306 sacks of Class C cement + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (2.30 yld, 12.91 ppg) will be executed as a contingency. Top will be verified by Echo-meter.

EOG will include the Echo-meter verified fluid top and the volume of displacement fluid above the cement slurry in the annulus in all post-drill sundries on wells utilizing this cement program.

EOG will report to the BLM the volume of fluid (limited to 5 bbls) used to flush intermediate casing valves following backside cementing procedures.

#### Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 870'	Fresh - Gel	8.6-8.8	28-34	N/c
870' – 11,440'	Brine	10.0-10.2	28-34	N/c
11,440' – 12,280'	Oil Base	8.7-9.4	58-68	N/c - 6
12,280' – 22,955'	Oil Base	10.0-14.0	58-68	4 - 6



## Holyfield 9 Fed Com 723H

### Wellhead:

EOG Resources Inc. (EOG) respectfully requests a variance from the minimum standards for well control equipment testing of Onshore Order No. 2 (item III.A.2.i) to allow a testing schedule of the blow out preventer (BOP) and blow out prevention equipment (BOPE) to include the following:

- Full BOPE test at first installation on the pad.
- Full BOPE test every 30 days per Onshore Order No. 2.
- Function test BOP elements per Onshore Order No. 2.
- Break testing BOP and BOPE coupled with batch drilling operations and production sections that do not penetrate the Wolfcamp or deeper formations.
- After the well section is cemented the BOP will be disconnected from the wellhead and walked with the rig to another well on the pad. The cemented well will be secured with a blind flange and a pressure gauge for monitoring.



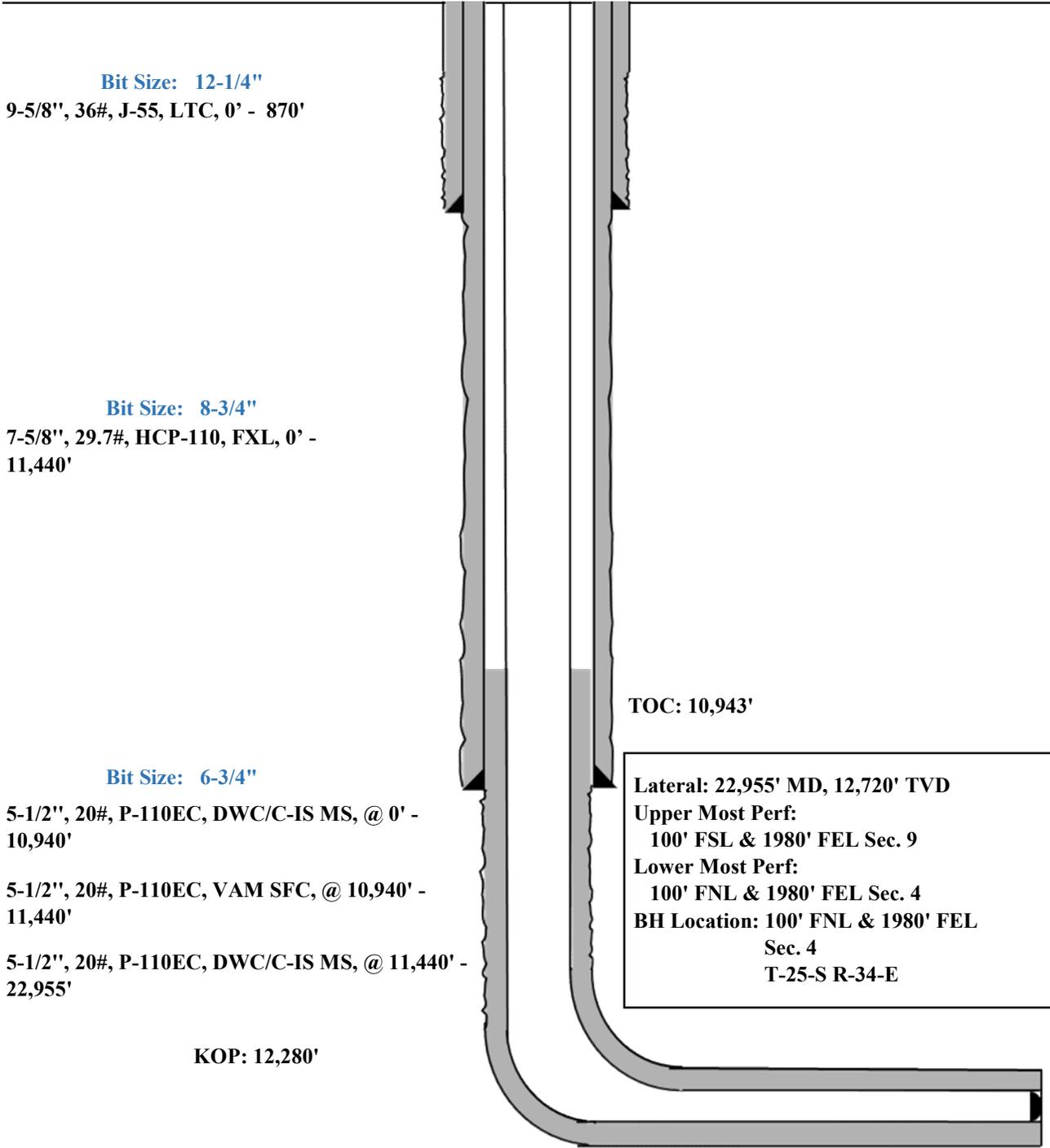
### Holyfield 9 Fed Com 723H

200' FSL  
2640' FWL  
Section 9  
T-25-S, R-34-E

Revised Wellbore

KB: 3365'  
GL: 3340'

API: 30-025-48886





<b>Well Name:</b> HOLYFIELD 9 FED COM	<b>Well Location:</b> T25S / R34E / SEC 9 / SWSE /	<b>County or Parish/State:</b>
<b>Well Number:</b> 723H	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM16139	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3002548886	<b>Well Status:</b> Approved Application for Permit to Drill	<b>Operator:</b> EOG RESOURCES INCORPORATED

**Notice of Intent**

**Sundry ID:** 2638523

**Type of Submission:** Notice of Intent

**Type of Action:** Other

**Date Sundry Submitted:** 10/13/2021

**Time Sundry Submitted:** 07:52

**Date proposed operation will begin:** 10/26/2021

**Procedure Description:** EOG respectfully requests an amendment to our approved APD for this well to reflect the following changes: Change the well name from #707H to 723H Change SHL to T-25-S, R-34-E, Sec 9, 200' FSL, 2640' FWL, Lea Co., N.M. Change BHL to T-25-S, R-34-E, Sec 4, 100' FNL, 1980' FEL, Lea Co., N.M. Change target formation to Wolfcamp U2. Update casing and cement program to current design.

**Surface Disturbance**

**Is any additional surface disturbance proposed?:** No

**NOI Attachments**

**Procedure Description**

- EOG\_BLM\_10M\_Annular\_Variance\_\_\_9.625\_in\_20211013075134.pdf
- Co\_Flex\_Hose\_Test\_Chart\_20211013075131.pdf
- Co\_Flex\_Hose\_Certification\_20211013075128.pdf
- 10\_M\_Choke\_Manifold\_20211013075111.pdf
- 5.500in\_20.00\_VST\_P110EC\_VAM\_SFC\_20211013075110.pdf
- 7.625in\_29.70\_P110HC\_FXL\_20211013075110.pdf
- 5.500in\_20.00\_VST\_P110EC\_DWC\_C\_IS\_MS\_Spec\_Sheet\_20211013075109.pdf

**Well Name:** HOLYFIELD 9 FED COM

**Well Location:** T25S / R34E / SEC 9 / SWSE /

**County or Parish/State:**

**Well Number:** 723H

**Type of Well:** OIL WELL

**Allottee or Tribe Name:**

**Lease Number:** NMNM16139

**Unit or CA Name:**

**Unit or CA Number:**

**US Well Number:** 3002548886

**Well Status:** Approved Application for Permit to Drill

**Operator:** EOG RESOURCES INCORPORATED

10\_M\_BOP\_Diagram\_11\_in\_20211013075110.pdf

9\_5\_8\_\_36ppf\_J\_55\_LTC\_20211013075110.pdf

Wellhead\_9.675\_x\_7.625\_x\_5.5\_in\_csg\_20211013075054.pdf

Holyfield\_9\_Fed\_Com\_723H\_Sundry\_Info\_\_\_Rev\_SHL\_\_BHL\_\_tgt\_\_csg\_10.11.2021\_20211013075042.pdf

HOLYFIELD\_9\_FED\_COM\_723H\_C\_102\_fka\_707H\_\_20211013075028.pdf

**Operator Certification**

*I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.*

**Operator Electronic Signature:** STAR HARRELL

**Signed on:** OCT 13, 2021 07:51 AM

**Name:** EOG RESOURCES INCORPORATED

**Title:** Regulatory Specialist

**Street Address:** 5509 CHAMPIONS DRIVE

**City:** MIDLAND **State:** TX

**Phone:** (432) 848-9161

**Email address:** STAR\_HARRELL@EOGRESOURCES.COM

**Field Representative**

**Representative Name:** Eric Brorman

**Street Address:** 5509 Champions Drive

**City:** Midland **State:** TX **Zip:** 79706

**Phone:** (432)556-1276

**Email address:** eric\_brorman@eogresources.com

**BLM Point of Contact**

**BLM POC Name:** CHRISTOPHER WALLS

**BLM POC Title:** Petroleum Engineer

**BLM POC Phone:** 5752342234

**BLM POC Email Address:** cwalls@blm.gov

**Disposition:** Approved

**Disposition Date:** 11/02/2021

**Signature:** Chris Walls

**District I**  
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**District II**  
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 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
 Action 59517

**CONDITIONS**

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 59517
	Action Type: [C-103] NOI Change of Plans (C-103A)

**CONDITIONS**

Created By	Condition	Condition Date
pkautz	None	11/3/2021