



### 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

Bit Size: 12-1/4"  
9-5/8", 36#, J-55, LTC, 0' - 870'

Bit Size: 8-3/4"  
7-5/8", 29.7#, HCP-110, FXL, 0' - 11,440'

Bit Size: 6-3/4"  
5-1/2", 20#, P-110EC, DWC/C-IS MS, @ 0' - 10,940'  
5-1/2", 20#, P-110EC, VAM SFC, @ 10,940' - 11,440'  
5-1/2", 20#, P-110EC, DWC/C-IS MS, @ 11,440' - 22,955'

TOC: 10,943'

Lateral: 22,955' MD, 12,720' TVD  
Upper Most Perf:  
100' FSL & 1980' FEL Sec. 9  
Lower Most Perf:  
100' FNL & 1980' FEL Sec. 4  
BH Location: 100' FNL & 1980' FEL  
Sec. 4  
T-25-S R-34-E

KOP: 12,280'

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources  
Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-025-48886</b>	<sup>2</sup> Pool Code <b>96994</b>	<sup>3</sup> Pool Name <b>Pitchfork Ranch; Wolfcamp, South</b>
<sup>4</sup> Property Code <b>329345</b>	<sup>5</sup> Property Name <b>HOLYFIELD 9 FED COM</b>	<sup>6</sup> Well Number <b>723H</b>
<sup>7</sup> OGRID No. <b>7377</b>	<sup>8</sup> Operator Name <b>EOG RESOURCES, INC.</b>	<sup>9</sup> Elevation <b>3340'</b>

<sup>10</sup>Surface Location

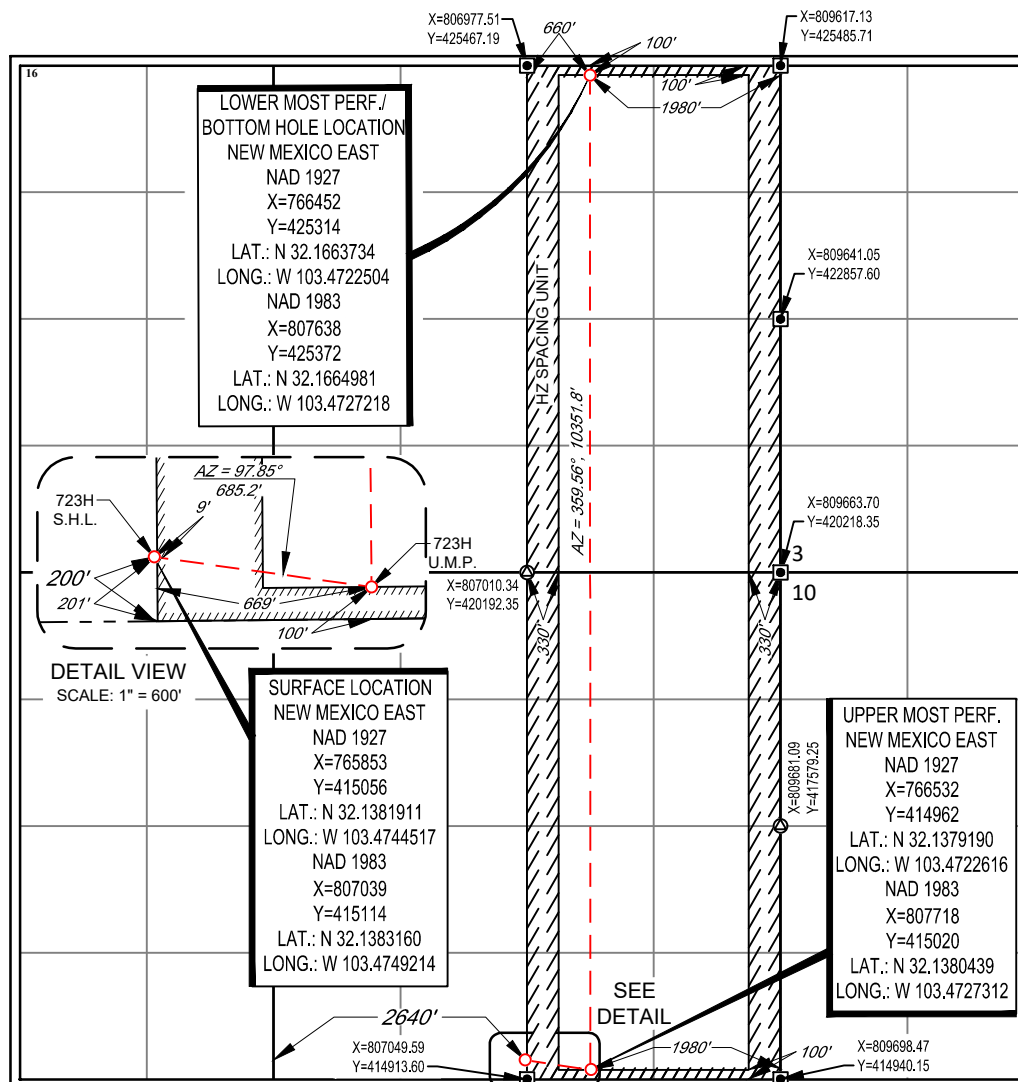
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>N</b>	<b>9</b>	<b>25-S</b>	<b>34-E</b>	<b>-</b>	<b>200'</b>	<b>SOUTH</b>	<b>2640'</b>	<b>WEST</b>	<b>LEA</b>

<sup>11</sup>Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>2</b>	<b>4</b>	<b>25-S</b>	<b>34-E</b>	<b>-</b>	<b>100'</b>	<b>NORTH</b>	<b>1980'</b>	<b>EAST</b>	<b>LEA</b>

<sup>12</sup> Dedicated Acres <b>639.56</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<sup>17</sup>OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Star L Harrell 10/12/21  
Signature Date

Star L Harrell  
Printed Name

star\_harrell@eogresources.com  
E-mail Address

<sup>18</sup>SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

10/06/2021  
Date of Survey  
Signature and Seal of Professional Surveyor

24508  
PROFESSIONAL SURVEYOR  
Certificate Number

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

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

<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

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.

<b>Operator Electronic Signature:</b> STAR HARRELL	<b>Signed on:</b> OCT 13, 2021 07:51 AM
<b>Name:</b> EOG RESOURCES INCORPORATED	
<b>Title:</b> Regulatory Specialist	
<b>Street Address:</b> 5509 CHAMPIONS DRIVE	
<b>City:</b> MIDLAND	<b>State:</b> TX
<b>Phone:</b> (432) 848-9161	
<b>Email address:</b> STAR_HARRELL@EOGRESOURCES.COM	

Field Representative

<b>Representative Name:</b> Eric Brorman		
<b>Street Address:</b> 5509 Champions Drive		
<b>City:</b> Midland	<b>State:</b> TX	<b>Zip:</b> 79706
<b>Phone:</b> (432)556-1276		
<b>Email address:</b> eric_brorman@eogresources.com		

BLM Point of Contact

<b>BLM POC Name:</b> CHRISTOPHER WALLS	<b>BLM POC Title:</b> Petroleum Engineer
<b>BLM POC Phone:</b> 5752342234	<b>BLM POC Email Address:</b> cwalls@blm.gov
<b>Disposition:</b> Approved	<b>Disposition Date:</b> 11/02/2021
<b>Signature:</b> Chris Walls	

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
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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