

Well Name: HOLYFIELD 9 FED COM	Well Location: T25S / R34E / SEC 9 / SESW /	County or Parish/State:
Well Number: 713H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM16139	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549241	Well Status: Approved Application for Permit to Drill	Operator: EOG RESOURCES INCORPORATED

Notice of Intent

Sundry ID: 2638514

Type of Submission: Notice of Intent	Type of Action: Other
Date Sundry Submitted: 10/13/2021	Time Sundry Submitted: 06:33
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 name from #102H to #713H. Change SHL to T-25-S, R-34-E, Sec 9, 200' FSL, 665' FEL, Lea Co., N.M. Change BHL to T-25-S, R-34-E, Sec 4, 100' FNL, 970' FEL, Lea Co., N.M. Change target formation to Wolfcamp Clastics Y. Update casing and cement program to current design.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- Wellhead_9.675_x_7.625_x_5.5_in_csg_20211013063308.pdf
- EOG_BLM_10M_Annular_Variance___9.625_in_20211013063238.pdf
- Co_Flex_Hose_Test_Chart_20211013063238.pdf
- Co_Flex_Hose_Certification_20211013063221.pdf
- 10_M_Choke_Manifold_20211013063217.pdf
- 9_5_8__36ppf_J_55_LTC_20211013063216.pdf
- 5.500in_20.00_VST_P110EC_VAM_SFC_20211013063216.pdf

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10_M_BOP_Diagram_11_in_20211013063216.pdf

7.625in_29.70_P110HC_FXL_20211013063216.pdf

5.500in_20.00_VST_P110EC_DWC_C_IS_MS_Spec_Sheet_20211013063216.pdf

Holyfield_9_Fed_Com_713H_Sundry_Info___Rev_Name__SHL__BHL__tgt__csg_10.11.2021_20211013063159.pdf

HOLYFIELD_9_FED_COM_713H_C_102_fka_102H__20211013063135.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 06:32 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

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1625 N. French Dr., Hobbs, NM 88240
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District IV
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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

¹ API Number 30-025-49241		² Pool Code 96994	³ Pool Name Pitchfork Ranch; Wolfcamp, South
⁴ Property Code 329345	⁵ Property Name HOLYFIELD 9 FED COM		⁶ Well Number 713H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.		⁹ Elevation 3334'

¹⁰Surface Location

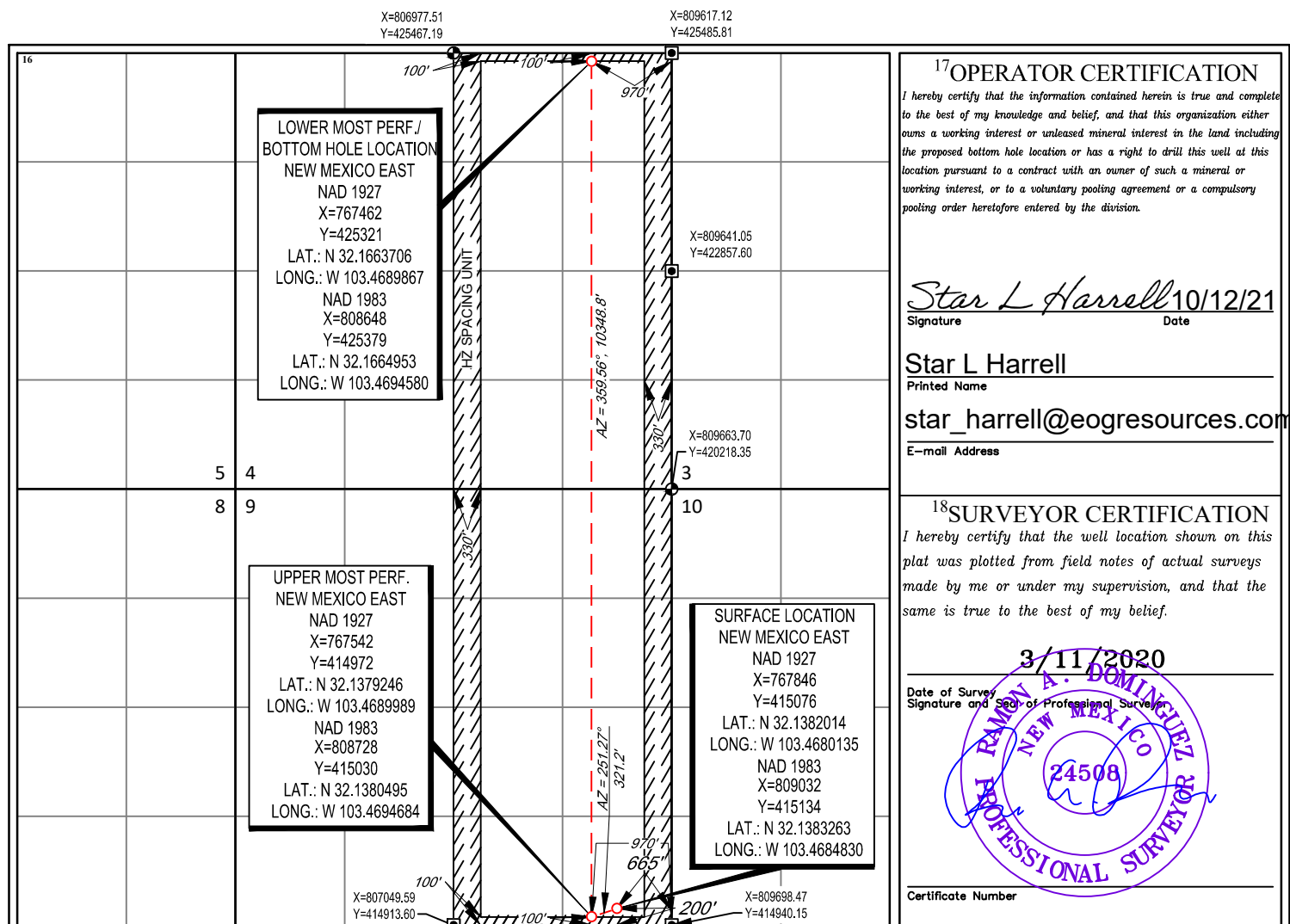
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	9	25-S	34-E	-	200'	SOUTH	665'	EAST	LEA

¹¹Bottom 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
1	4	25-S	34-E	-	100'	NORTH	970'	EAST	LEA

¹² Dedicated Acres 639.56	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.





Holyfield 9 Fed Com 713H

Revised Permit Information 10/11/2021:

Well Name: Holyfield 9 Fed Com 713H

Location: SHL: 200' FSL & 665' FEL, Section 9, T-25-S, R-34-E, Lea Co., N.M.

BHL: 100' FNL & 970' 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' - 22,697'	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 ₂ + 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)
22,697' 5-1/2"	1000	14.2	1.31	Lead: Class H + 0.4% Halad-344 + 0.35% HR-601 + 3% Microbond (TOC @ 10,943')



Holyfield 9 Fed Com 713H

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' – 12,025'	Oil Base	8.7-9.4	58-68	N/c - 6
12,025' – 22,697'	Oil Base	10.0-14.0	58-68	4 - 6



Holyfield 9 Fed Com 713H

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 713H

200' FSL
665' FEL
Section 9
T-25-S, R-34-E

Revised Wellbore

KB: 3359'
GL: 3334'

API: 30-025-49241

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' - 22,697'

KOP: 12,025'

TOC: 10,943'

Lateral: 22,697' MD, 12,494' TVD
Upper Most Perf:
100' FSL & 970' FEL Sec. 9
Lower Most Perf:
100' FNL & 970' FEL Sec. 4
BH Location: 100' FNL & 970' FEL
Sec. 4
T-25-S R-34-E

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State of New Mexico
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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 59504

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 59504
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

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