

Well Name: PEACHTREE 25 FED COM	Well Location: T26S / R33E / SEC 25 / NENE /	County or Parish/State:
Well Number: 749H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM122622	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549163	Well Status: Approved Application for Permit to Drill	Operator: EOG RESOURCES INCORPORATED

Notice of Intent

Sundry ID: 2633083

Type of Submission: Notice of Intent	Type of Action: Other
Date Sundry Submitted: 09/08/2021	Time Sundry Submitted: 06:23
Date proposed operation will begin: 09/23/2021	

Procedure Description: 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.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- Wellhead_10.75_x_8.75_x_6_in_csg_Cactus_SDT_3141_1_20210908062309.pdf
- Peachtree_25_Fed_Com_749H_Sundry_Info___Rev_csg_9.7.2021_20210908062301.pdf
- EOG_BLM_10M_Annular_Variance___9.675_in_20210908062248.pdf
- 10_M_Choke_Manifold_20210908062238.pdf
- 10.75_40.5_lb_ft_J55_STC_20210908062238.pdf
- 10_M_BOP_Diagram_9.675_in_20210908062238.pdf
- 8.75_38.5_lb_ft_P110EC_SPRINT_SF_IR778_ENG_CDS43_rev0_20210908062228.pdf
- 6.000_24.00_0.4000__P110_HP_USS_EAGLE_SFH_SC_20210908062228.pdf

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Conditions of Approval

Additional Reviews

Peachtree_25_Fed_Com_749H_COA_20210924014005.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: SEP 08, 2021 06:23 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: 09/24/2021
Signature: Chris Walls	



Peachtree 25 Fed Com 749H

Revised Permit Information 09/07/2021:

Well Name: Peachtree 25 Fed Com 749H

Location: SHL: 932' FNL & 815' FEL, Section 25, T-26-S, R-33-E, Lea Co., N.M.

BHL: 100' FNL & 588' FEL, Section 13, T-26-S, R-33-E, Lea Co., N.M.

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DFmin Collapse	DFmin Burst	DFmin Tension
13"	0' - 1,010'	10.75"	40.5#	J-55	LTC	1.125	1.25	1.6
9.875"	0' - 11,130'	8.75"	38.5#	P-110EC	Vam Sprint SF	1.125	1.25	1.6
7.875"	0' - 10,630'	6"	24#	P-110 HP	Eagle SFH SC	1.125	1.25	1.6
7.875"	10,630' - 11,130'	6"	24#	P-110 HP	Eagle SFH SC	1.125	1.25	1.6
7.875"	11,130' - 23,475'	6"	24#	P-110 HP	Eagle SFH SC	1.125	1.25	1.6

Variance is requested to waive the centralizer requirements for the 8-3/4" casing in the 9-7/8" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 9-7/8 hole interval to maximize cement bond and zonal isolation.

Variance is also requested to waive any centralizer requirements for the 6" casing in the 7-7/8" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 7-7/8" hole interval to maximize cement bond and zonal isolation.

Variance is also requested to waive the annular clearance requirements for the 6" casing by 8-3/4" 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
1,010' 10-3/4"	270	13.5	1.73	Lead: Class C + 4.0% Bentonite Gel + 0.5% CaCl ₂ + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	70	14.8	1.34	Tail: Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate (TOC @ 804')
11,130' 8-3/4"	530	14.2	1.11	1st Stage (Tail): Class C + 0.6% Halad-9 + 0.45% HR-601 + 3% Microbond (TOC @ 7,178')
	1390	14.8	1.5	2nd Stage (Bradenhead squeeze): Class C + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (TOC @ surface)
23,475' 6"	1790	14.2	1.31	Lead: Class H + 0.4% Halad-344 + 0.35% HR-601 + 3% Microbond (TOC @ 10,629')



Peachtree 25 Fed Com 749H

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 8-3/4" intermediate casing string with the first stage being pumped conventionally with the calculated top of cement at the Brushy Canyon (7,378') 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 1,392 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 – 1,010'	Fresh - Gel	8.6-8.8	28-34	N/c
1,010' – 11,130'	Brine	10.0-10.2	28-34	N/c
11,130' – 12,788'	Oil Base	8.7-9.4	58-68	N/c - 6
12,788' – 23,475'	Oil Base	10.0-14.0	58-68	4 - 6



Peachtree 25 Fed Com 749H

932' FNL
815' FEL
Section 25
T-26-S, R-33-E

Revised Wellbore

KB: 3389'
GL: 3364'

API: 30-025-*****

Bit Size: 13"
10-3/4", 40.5#, J-55, LTC, 0' - 1,010'

Bit Size: 9-7/8"
8-3/4", 38.5#, P-110EC, Vam Sprint
SF, 0' - 11,130'

Bit Size: 7-7/8"
6", 24#, P-110 HP, Eagle SFH SC, @ 0' - 10,630'
6", 24#, P-110 HP, Eagle SFH SC, @ 10,630' - 11,130'
6", 24#, P-110 HP, Eagle SFH SC, @ 11,130' - 23,475'

KOP: 12,788'

TOC: 10,629'

Lateral: 23,475' MD, 13,187' TVD
Upper Most Perf:
100' FSL & 588' FEL Sec. 24
Lower Most Perf:
100' FNL & 588' FEL Sec. 13
BH Location: 100' FNL & 588' FEL
Sec. 13
T-26-S R-33-E

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 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 51910

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 51910
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	9/28/2021