

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

Form C-101
August 1, 2011
Permit 243669

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

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702		2. OGRID Number 7377
4. Property Code 320045		3. API Number 30-015-44558
5. Property Name DEE STATE COM		6. Well No. 001H

7. Surface Location

UL - Lot	M	Section	36	Township	19S	Range	24E	Lot Idn	M	Feet From	755	N/S Line	S	Feet From	165	E/W Line	W	County	Eddy
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8. Proposed Bottom Hole Location

UL - Lot	P	Section	36	Township	19S	Range	24E	Lot Idn	P	Feet From	350	N/S Line	S	Feet From	230	E/W Line	E	County	Eddy
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9. Pool Information

N. SEVEN RIVERS; GLORIETA-YESO	97565
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3630
16. Multiple N	17. Proposed Depth 7125	18. Formation Yeso	19. Contractor	20. Spud Date 12/15/2017
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	9.625	36	1250	460	0
Prod	8.5	7	29	2407	635	0
Prod	8.5	5.5	17	7125	635	0

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable. Signature:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Stan Wagner	Approved By: Raymond Podany
Title: Regulatory Analyst	Title: Geologist
Email Address: Stan_Wagner@eogresources.com	Approved Date: 11/15/2017 Expiration Date: 11/15/2019
Date: 11/14/2017 Phone: 432-686-3689	Conditions of Approval Attached

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Form C-102
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				OPERATOR CERTIFICATION	
				<p><i>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(s) 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.</i></p>	
				<p>E-Signed By: Stan Wagner</p>	
				<p>Title: Regulatory Analyst</p>	
				<p>Date: 11/14/2017</p>	
				SURVEYOR CERTIFICATION	
				<p><i>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 and correct to the best of my belief.</i></p>	
				<p>Surveyed By: Justin Goad</p>	
				<p>Date of Survey: 9/7/2017</p>	
				<p>Certificate Number: 7977</p>	

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Form APD Comments
 Permit 243669

PERMIT COMMENTS

Operator Name and Address: EOG RESOURCES INC [7377] P.O. Box 2267 Midland, TX 79702	API Number: 30-015-44558
	Well: DEE STATE COM #001H

Created By	Comment	Comment Date
tinah	Pilot hole will be drilled with an 8-3/4" hole to 6560'. Well will be plugged back with a 200' isolation plug on bottom and kicked off at approximately 1665' and directionally drilled at 9 degrees per 100' with an 8-1/2" hole to 7125' MD (2580'TVD) where 7" casing will be ran to 2407' MD (2254'TVD) with a crossover to 5-1/2" casing and ran to 7125' MD (2580'TVD) and cemented in place. Penetration point of producing zone will be encountered at 350'FSL & 920'FWL, 36-19S-24E. Our lower most perforation will not go past the 330' hardline at BHL. Deepest TVD is 6560' in the pilot hole. Deepest TVD	11/13/2017
tinah	Pilot hole will be drilled with an 8-3/4" hole to 6560'. Well will be plugged back with a 200' isolation plug on bottom and kicked off at approximately 1665' and directionally drilled at 9 degrees per 100' with an 8-1/2" hole to 7125' MD (2580'TVD) where 7" casing will be ran to 2407' MD (2254'TVD) with a crossover to 5-1/2" casing and ran to 7125' MD (2580'TVD) and cemented in place. Penetration point of producing zone will be encountered at 350'FSL & 920'FWL, 36-19S-24E. Our lower most perforation will not go past the 330' hardline at BHL. Deepest TVD is 6560' in the pilot hole. Deepest TVD	11/13/2017
tinah	H2S is anticipated on this well	11/13/2017
tinah	C-102 and drilling plans will follow.	11/13/2017

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Form APD Conditions

Permit 243669

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: EOG RESOURCES INC [7377] P.O. Box 2267 Midland, TX 79702		API Number: 30-015-44558
		Well: DEE STATE COM #001H
OCD Reviewer	Condition	
RPodany	Will require a directional survey with the C-104	
RPodany	Cement is required to circulate on both surface and intermediate1 strings of casing	