

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 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) 334-8178 Fax:(505) 334-8170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3482

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

Form C-101
August 1, 2011
Permit 193287

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 40398		3. API Number 30-025-42159
5. Property Name JOLLY ROGER 16 STATE		6. Well No. 503H

7. Surface Location

UL - Lot	D	Section	16	Township	24S	Range	34E	Lot Idn	D	Feet From	150	N/S Line	N	Feet From	1016	E/W Line	W	County	Lea
----------	---	---------	----	----------	-----	-------	-----	---------	---	-----------	-----	----------	---	-----------	------	----------	---	--------	-----

8. Proposed Bottom Hole Location

UL - Lot	M	Section	16	Township	24S	Range	34E	Lot Idn	M	Feet From	230	N/S Line	S	Feet From	1016	E/W Line	W	County	Lea
----------	---	---------	----	----------	-----	-------	-----	---------	---	-----------	-----	----------	---	-----------	------	----------	---	--------	-----

9. Pool Information

RED HILLS;BONE SPRING, NORTH	96434
------------------------------	-------

Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3557
16. Multiple N	17. Proposed Depth 15636	18. Formation Bone Spring	19. Contractor	20. Spud Date 11/1/2014
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	17.5	13.375	54.5	1240	900	0
Int1	12.25	9.625	40	4000	900	0
Int1	12.25	9.625	40	5200	225	4000
Prod	8.75	5.5	17	15636	2075	0

Casing/Cement Program: Additional Comments

--

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: Printed Name: Electronically filed by Stan Wagner Title: Regulatory Analyst Email Address: Stan_Wagner@eogresources.com Date: 9/30/2014	<p style="text-align: center;">OIL CONSERVATION DIVISION</p> Approved By: Paul Kautz Title: Geologist Approved Date: 10/1/2014 Expiration Date: 10/1/2016 Conditions of Approval Attached
Phone: 432-686-3689	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 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) 334-8178 Fax:(505) 334-8170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3482

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

Form C-102
August 1, 2011
Permit 193287

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-42159	2. Pool Code 96434	3. Pool Name RED HILLS;BONE SPRING, NORTH
4. Property Code 40398	5. Property Name JOLLY ROGER 16 STATE	6. Well No. 503H
7. OGRID No. 7377	8. Operator Name EOG RESOURCES INC	9. Elevation 3557

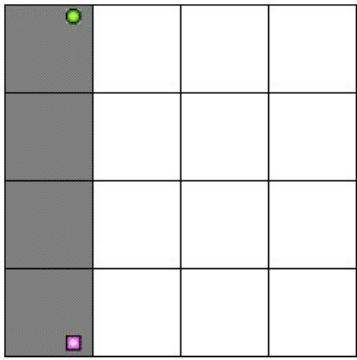
10. Surface Location

UL - Lot D	Section 16	Township 24S	Range 34E	Lot Idn D	Feet From 150	N/S Line N	Feet From 1016	E/W Line W	County Lea
---------------	---------------	-----------------	--------------	--------------	------------------	---------------	-------------------	---------------	---------------

11. Bottom Hole Location If Different From Surface

UL - Lot M	Section 16	Township 24S	Range 34E	Lot Idn M	Feet From 230	N/S Line S	Feet From 1016	E/W Line W	County Lea
12. Dedicated Acres 160.00	13. Joint or Infill		14. Consolidation Code				15. Order No.		

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

	<div style="text-align: center;">OPERATOR CERTIFICATION</div> <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 Title: Regulatory Analyst Date: 9/30/2014</p> <div style="text-align: center; margin-top: 10px;">SURVEYOR CERTIFICATION</div> <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: Michael Brown Date of Survey: 9/8/2014 Certificate Number: 18329</p>
---	---

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

Form APD Comments

Permit 193287

PERMIT COMMENTS

Operator Name and Address: EOG RESOURCES INC [7377] P.O. Box 2267 Midland, TX 79702		API Number: 30-025-42159
		Well: JOLLY ROGER 16 STATE #503H
Created By	Comment	Comment Date
RJarratt	Directional Survey, H2S Contingency & other attachments sent in separate email.	9/30/2014

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-8161 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) 476-3482

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

Form APD Conditions

Permit 193287

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: EOG RESOURCES INC [7377] P.O. Box 2267 Midland, TX 79702	API Number: 30-025-42159
	Well: JOLLY ROGER 16 STATE #503H

OCD Reviewer	Condition
DMULL	Will require a directional survey with the C-104
DMULL	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
pkautz	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water