

**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) 476-3462

**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 209832

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

1. Operator Name and Address DEVON ENERGY PRODUCTION COMPANY, LP 333 W. Sheridan Avenue Oklahoma City, OK 73102		2. OGRID Number 6137
4. Property Code 38436		3. API Number 30-015-43371
5. Property Name EMERALD PWU 20		6. Well No. 011H

**7. Surface Location**

UL - Lot	L	Section	20	Township	19S	Range	29E	Lot Idn	Feet From	2434	N/S Line	S	Feet From	284	E/W Line	W	County	Eddy
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**8. Proposed Bottom Hole Location**

UL - Lot	I	Section	20	Township	19S	Range	29E	Lot Idn	I	Feet From	2270	N/S Line	S	Feet From	270	E/W Line	E	County	Eddy
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**9. Pool Information**

SCANLON DRAW;BONE SPRING	55510
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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 3331
16. Multiple N	17. Proposed Depth 13660	18. Formation 3rd Bone Spring Sand	19. Contractor	20. Spud Date 11/14/2015
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	48	425	470	0
Int1	12.25	9.625	40	3400	1070	0
Prod	8.75	5.5	17	13660	2140	3200

**Casing/Cement Program: Additional Comments**

SEE DRILLING PLANS FOR ADDITIONAL CASING AND CEMENTING DETAILS.
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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	
Double Ram	3000	3000	
Annular	3000	3000	
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 Randy Bolles Title: Manager, Regulatory Affairs Email Address: randy.bolles@dmr.com Date: 9/15/2015	<b>OIL CONSERVATION DIVISION</b>  Approved By: Randy Dade Title: District Supervisor Approved Date: 9/16/2015 Expiration Date: 9/16/2017 Conditions of Approval Attached
Phone: 405-228-8588	

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Form C-102  
August 1, 2011  
Permit 209832

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-43371	2. Pool Code 55510	3. Pool Name SCANLON DRAW;BONE SPRING
4. Property Code 38436	5. Property Name EMERALD PWU 20	6. Well No. 011H
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 3331

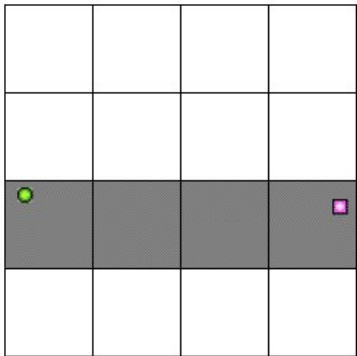
**10. Surface Location**

UL - Lot L	Section 20	Township 19S	Range 29E	Lot Idn	Feet From 2434	N/S Line S	Feet From 284	E/W Line W	County Eddy
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**11. Bottom Hole Location If Different From Surface**

UL - Lot I	Section 20	Township 19S	Range 29E	Lot Idn	Feet From 2270	N/S Line S	Feet From 270	E/W Line E	County Eddy
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**

	<p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></p> <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: Randy Bolles Title: Manager, Regulatory Affairs Date: 9/15/2015</p> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></p> <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: Richard Brooks Date of Survey: 8/24/2015 Certificate Number: 20451</p>
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**Santa Fe, NM 87505**

Form APD Comments

Permit 209832

**PERMIT COMMENTS**

Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP [6137] 333 W. Sheridan Avenue Oklahoma City, OK 73102		API Number: 30-015-43371
		Well: EMERALD PWU 20 #011H
Created By mmoravec	Comment C-102, Plats, Drilling Plan, Drawing and Directional Proposal being submitted via Fed-Ex.	Comment Date 9/15/2015

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Form APD Conditions

Permit 209832

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP [6137] 333 W. Sheridan Avenue Oklahoma City, OK 73102	API Number: 30-015-43371
	Well: EMERALD PWU 20 #011H

OCD Reviewer	Condition
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