

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) 334-6170
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 C-101
August 1, 2011
Permit 209118

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 30-015-43323
5. Property Name EMERALD PWU 20		6. Well No. 012H

7. Surface Location

UL - Lot	P	Section	20	Township	19S	Range	29E	Lot Idn	Feet From	226	N/S Line	S	Feet From	129	E/W Line	E	County	Eddy
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8. Proposed Bottom Hole Location

UL - Lot	M	Section	20	Township	19S	Range	29E	Lot Idn	M	Feet From	370	N/S Line	S	Feet From	270	E/W Line	W	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 3326
16. Multiple N	17. Proposed Depth 13602	18. Formation Wolfcamp	19. Contractor	20. Spud Date 12/1/2016
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	400	395	0
Int1	12.25	9.625	36	3350	690	0
Prod	8.75	5.5	17	13602	2245	2350

Casing/Cement Program: Additional Comments

See Drilling Plans for Intermediate 2 Stage & Production 2 Stage cement.
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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@dvn.com Date: 8/27/2015	OIL CONSERVATION DIVISION Approved By: Randy Dade Title: District Supervisor Approved Date: 9/1/2015 Expiration Date: 9/1/2017 Conditions of Approval Attached
Phone: 405-228-8588	

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Form C-102
August 1, 2011
Permit 209118

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-43323	2. Pool Code 55510	3. Pool Name SCANLON DRAW;BONE SPRING
4. Property Code 38436	5. Property Name EMERALD PWU 20	6. Well No. 012H
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 3326

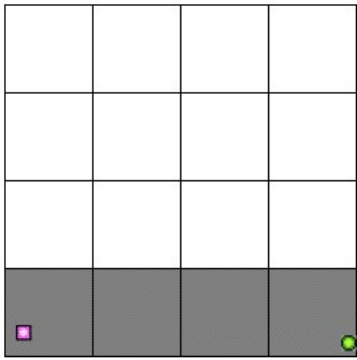
10. Surface Location

UL - Lot P	Section 20	Township 19S	Range 29E	Lot Idn	Feet From 226	N/S Line S	Feet From 129	E/W Line E	County Eddy
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11. Bottom Hole Location If Different From Surface

UL - Lot M	Section 20	Township 19S	Range 29E	Lot Idn	Feet From 370	N/S Line S	Feet From 270	E/W Line W	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;">OPERATOR CERTIFICATION</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: 8/27/2015</p> <hr/> <p style="text-align: center;">SURVEYOR CERTIFICATION</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: 7/23/2015 Certificate Number: 20451</p>
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Form APD Comments

 Permit 209118

PERMIT COMMENTS

Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP [6137] 333 W. Sheridan Avenue Oklahoma City, OK 73102		API Number: 30-015-43323
		Well: EMERALD PWU 20 #012H
Created By	Comment	Comment Date
Igood	C-102, plats, Drilling Plans & Directional Proposal being sent via Fed-ex.	8/27/2015

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Form APD Conditions

Permit 209118

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP [6137] 333 W. Sheridan Avenue Oklahoma City, OK 73102	API Number: 30-015-43323
	Well: EMERALD PWU 20 #012H

OCD Reviewer	Condition
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