

**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 198586

**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 314108		3. API Number 30-025-42377
5. Property Name IGGLES 21 16 STATE COM		6. Well No. 001H

**7. Surface Location**

UL - Lot	M	Section	21	Township	18S	Range	34E	Lot Idn		Feet From	330	N/S Line	S	Feet From	350	E/W Line	W	County	Lea
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**8. Proposed Bottom Hole Location**

UL - Lot	L	Section	16	Township	18S	Range	34E	Lot Idn	L	Feet From	2310	N/S Line	S	Feet From	350	E/W Line	W	County	Lea
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**9. Pool Information**

E-K;WOLFCAMP		21670
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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 4040
16. Multiple N	17. Proposed Depth 18976	18. Formation Wolfcamp	19. Contractor	20. Spud Date 5/29/2015
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	54.5	1815	1650	0
Int1	12.25	9.625	40	4815	1350	0
Int2	8.75	7	29	12200	800	4315
Prod	6.125	4.5	13.5	18976	800	11386

**Casing/Cement Program: Additional Comments**

The entire casing/cement program will be mailed to you via Fed Ex, overnight.
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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	
Double Ram	3000	3000	
Annular	5000	5000	
Double Ram	5000	5000	

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@dmv.com Date: 1/20/2015	<b>OIL CONSERVATION DIVISION</b>  Approved By: Paul Kautz Title: Geologist Approved Date: 1/21/2015 Expiration Date: 1/21/2017 Conditions of Approval Attached
Phone: 405-228-8588	

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Form C-102  
August 1, 2011  
Permit 198586

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-42377	2. Pool Code 21670	3. Pool Name E-K;WOLFCAMP
4. Property Code 314108	5. Property Name IGGLES 21 16 STATE COM	6. Well No. 001H
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 4040

**10. Surface Location**

UL - Lot M	Section 21	Township 18S	Range 34E	Lot Idn	Feet From 330	N/S Line S	Feet From 350	E/W Line W	County Lea
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**11. Bottom Hole Location If Different From Surface**

UL - Lot L	Section 16	Township 18S	Range 34E	Lot Idn	Feet From 2310	N/S Line S	Feet From 350	E/W Line W	County Lea
12. Dedicated Acres 240.00	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:                    1/20/2015</p>
	<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:        11/21/2014 Certificate Number:   20451</p>

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**Santa Fe, NM 87505**

Form APD Comments

Permit 198586

**PERMIT COMMENTS**

Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP [6137] 333 W. Sheridan Avenue Oklahoma City, OK 73102		API Number: 30-025-42377
		Well: IGGLES 21 16 STATE COM #001H
Created By	Comment	Comment Date
TLAIRD	The complete drilling program, directional plans, and C-102 will be mailed to your office via Fed-Ex, overnight.	1/20/2015

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Form APD Conditions

Permit 198586

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP [6137] 333 W. Sheridan Avenue Oklahoma City, OK 73102	API Number: 30-025-42377
	Well: IGGLES 21 16 STATE COM #001H

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
DMULL	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.
pkautz	1) SURFACE & INTERMEDIATE1 CASING - Cement must circulate to surface -- 2) INTERMEDIATE2 CASING - Cement must tie back into intermediate casing -- 3) PRODUCTION CASING - Cement must tie back into intermediate2 casing --
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement