

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 C-101
 August 1, 2011
 Permit 144698

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

1. Operator Name and Address DEVON ENERGY PRODUCTION COMPANY, LP 20 N Broadway Oklahoma City, OK 73102		2. OGRID Number 6137
		3. API Number 30-015-40134
4. Property Code 38432	5. Property Name AGATE PWU 21	6. Well No. 004H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	21	19S	29E	M	900	S	330	W	EDDY

8. Pool Information

PARKWAY;BONE SPRING	49622
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3321
14. Multiple N	15. Proposed Depth 12251	16. Formation Bone Spring	17. Contractor	18. Spud Date 4/30/2012
Depth to Ground water	Distance from nearest fresh water well		Distance to nearest surface water	

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	300	500	0
Int1	12.25	9.625	40	3300	1050	0
Prod	8.75	5.5	17	12251	400	3100
Prod	8.75	5.5	17	6900	2300	

Casing/Cement Program: Additional Comments

13 3/8 w/500 sx C1 C + 2% CaCl + 1/4 lb/sx Cello flake, 9 5/8 w/1050 sx C1 C + 2% CaCl + 1/4 lb/sx Cello flake, 5 1/2 w/2700 sx C1 C + 2% CaCl + 1/4 lb/sx Cello flake. DV tool @ 5,500'. All cement volumes based on at 25% excesses. Actual cement volumes will be adjusted based on fluid caliper and caliper log data. Mud: 0-400' fresh, 8.4-9.0, 28-34 visc, N/C water loss. 400-3300' brine, 9.8-10.0, 28-32 visc, N/C water loss. 3300-12251' fresh, 8.6-9.0, 28-32 visc, N/C-12 water loss.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	
Pipe	3000	3000	
DoubleRam	3000	3000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION Approved By: Randy Dade Title: District Supervisor Approved Date: 4/4/2012 Expiration Date: 4/4/2014 Conditions of Approval Attached
Printed Name: Electronically filed by Randy Bolles	
Title: Manager, Regulatory Affairs	
Email Address: randy.bolles@dvn.com	
Date: 4/2/2012	Phone: 405-228-8588

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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 144698

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-40134	2. Pool Code 49622	3. Pool Name PARKWAY;BONE SPRING
4. Property Code 38432	5. Property Name AGATE PWU 21	6. Well No. 004H
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 3321

10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	21	19S	29E		900	S	330	W	EDDY

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	21	19S	29E	P	900	S	330	E	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

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●			■														
<p 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: Filimon Jaramillo Date of Survey: 2/20/2012 Certificate Number: 12797</p>																	

Permit Comments

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: AGATE PWU 21 #004H

API: 30-015-40134

Created By	Comment	Comment Date
YSASAS	No H2S expected to be encountered.	2/22/2012
YSASAS	C-102 to be mailed next day via Fed-Ex.	2/22/2012
YSASAS	Depth to groundwater is 50' or more, but less than 100', distance to surface water is approximately 1000'; well is not in a wellhead protection area.	2/22/2012
YSASAS	BOP DESIGN: The BOP system used to drill the intermediate and production holes will consist of a 13-5/8" 3M Triple Ram and Annular preventer. The BOP system will be tested as per BLM Onshore Oil and Gas Order No. 2 as a 3M system prior to drilling out the prior casing shoe. The pipe rams will be operated and checked each 24 hour period and each time the drill pipe is out of the hole. These tests will be logged in the daily driller's log. A 2" kill line and 3" choke line will be incorporated into the drilling spool below the ram BOP. In addition to the rams and annular preventer, additional B	4/2/2012
CSHAPARD	Land s/S	4/4/2012

Permit Conditions of Approval

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: AGATE PWU 21 #004H

API: 30-015-40134

OCD Reviewer	Condition
CSHAPARD	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