#### State of New Mexico

Form C-101 Permit 129420

### Energy, Minerals and Natural Resources

## Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

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

DEVON ENERGY PRO	Name and Address DDUCTION COMPANY, LP	OGRID Number     6137	
20 N Broadway		3. API Number	
Oklahoma City, OK 73102		30-015-38605	
4. Property Code	5. Property Name	6. Wett No.	
38432	AGATE PWU 21	002H	

#### 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	21	198	29E	E	1800	N	330	W	EDDY

#### 8. Pool Information

SCANLON DRAW:BONE SPRING 55	SCANLON DRAW:BONE SPRING	55510
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#### Additional Well Information

9. Work Type	10. Well Type	11. Cable/Rotary	12. Lesse Type	13. Ground Level Elevation	
New Well	OIL		State	3311	
14. Multiple	15. Proposed Depth	16. Formation			
N	12230	Bone Spring			
Depth to Ground	water	Distance from nearest fresh	water well	Distance to nearest surface water	
Pit: Liner: Synthetic Closed Loop Syste	mils thick	Clay Pit Volume:	bbls Drilling Method: Fresh Water X Brine I	Diesel/Oil-based Gas/Air	

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	325	500	0
Int1	12.25	9.625	40	2900	1050	0
Prod	8.75	5.5	17	12230	400	2400
Prod	8.75	5.5	17	7100	2300	0

#### Casing/Cement Program: Additional Comments

13 3/8 w/500 sx C1 C + 2% CaCl + 1/4 lb/sx Cello flakes, 9 5/8 w/1050 sx Cl C + 2% CaCl + 1/4 lb/sx Cello flakes, 5 1/2 Stage 1 w/2300 sx Cl C + 2% CaCl + 1/4 lb/sx Cello flakes. Stage 2 w/400 sx Cl C + 2% CaCl + 1/4 lb/sx Cello flakes. DV tool @ 4500′. Actual cement volumes will be adjusted based on fluid caliper and caliper log data. Mud: 0-325′ fresh wtr, 8.4-9.0, 30-34, N/C water loss. 325-2900′ brine, 9.8-10.0, 28-32, N/C water loss. 2900-12230′ fresh wtr, 8.6-9.0, 28-32, N/C-12 water loss.

Proposed Blowout Prevention Program

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

of my knowledge and belief.	tion given above is true and complete to the best ling pit will be constructed according to	OIL CONSERVATION DIVISION			
	neral permit , or an (attached) alternative	Approved By: Randy Dade			
Printed Name: Electronica	ally filed by Randy Bolles	Title: District Supervisor			
Title: Manager, Regulator	y Affairs	Approved Date: 3/30/2011	Expiration Date: 3/30/2013		
Email Address: randy.bol	les@dvn.com				
Date: 3/29/2011	Phone: 405-228-8588	Conditions of Approval Attached			

District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(505) 393-6161 Fax:(505) 393-0720

District II

1301 W. Grand Ave., Artesia, NM 88210 Phone:(505) 748-1283 Fax:(505) 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

Form C-102 Permit 129420

# Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr.

Santa Fe, NM 87505

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number			of Name
30-015-38605			W;BONE SPRING
4. Property Code	5. Property Name		6. Well No.
38432	AGATE PWU 21		002H
7. OGRID No.	8. Operator Name		9. Elevation
6137	DEVON ENERGY PRODUCTION COMPANY, LP		3311

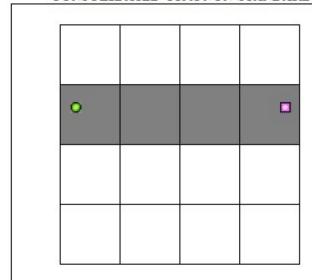
#### 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	21	198	29E	100000000000000000000000000000000000000	1800	N	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
H	21	198	29E	H	1800	N	330	E	EDDY
12. Dedi	cated Acres	13. J	oint or Infill	14	. Consolidation	Code		15. Order No.	
16	0.00								

## 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



#### OPERATOR CERTIFICATION

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.

E-Signed By: Randy Bolles Title: Manager, Regulatory Affairs

Date: 3/29/2011

#### SURVEYOR CERTIFICATION

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.

Surveyed By: Filmone Jaramillo Date of Survey: 12/16/2010 Certificate Number: 12797

## **Permit Comments**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137 Well: AGATE PWU 21 #002H

API: 30-015-38605

Created By	Comment	Comment Date
YSASAS	No H2S is expected to be encountered.	3/29/2011
YSASAS		3/29/2011
YSASAS	Depth to freshwater is 50' or more, but less than 100', distance to surface water is approximately 1000'; well is not in the wellhead protection area.	G0.00100000000
YSASAS	Depth to freshwater is 50' or more, but less than 100', distance to surface water is approximately 1000'; well is not in the wellhead protection area.	3/29/2011
YSASAS	The BOP system used to drill the intermediate hole will consist of a 13-5/8" 3M Triple Ram and Annular preventer. The BOP system will be tested a 3M system prior to drilling out the surface casing shoe. The BOP system used to drill the production hole will consist of a 13-5/8" 3M Triple Ram and Annular preventer. The BOP system will be tested as a 3M system prior to drilling out the intermediate casing shoe. In addition to the rams and annular preventer, additional BOP accessories include a kelly cook, floor safety valve, choke lines, and choke manifold rated at 3,000 psi WP.	3/29/2011

Permit Conditions of Approval

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: AGATE PWU 21 #002H

API: 30-015-38605

OCD Reviewer	Condition
Artesia	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