

**State of New Mexico**  
**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**

1. Operator Name and Address DEVON ENERGY PRODUCTION COMPANY, LP 20 N Broadway Oklahoma City, OK 73102		2. OGRID Number 6137
4. Property Code 38600		3. API Number 30-015-39162
5. Property Name SNAPPING 2 STATE		6. Well No. 006H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	2	26S	31E	O	330	S	2285	E	EDDY

**8. Pool Information**

WILDCAT;BONE SPRING	96403
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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 3241
14. Multiple N	15. Proposed Depth 13198	16. Formation 1st Bone Spring Sand	17. Contractor	18. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mils thick Clay <input type="checkbox"/> Pit Volume: bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**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	925	900	0
Int1	12.25	9.625	40	4150	1400	0
Prod	8.75	5.5	17	13198	475	0
Prod	8.75	5.5	17	7700	1850	3650

**Casing/Cement Program: Additional Comments**

13-3/8" Surface Lead w/650 sx C + 2% bwoc Calcium Chloride + 0.125#/sx CF + 4% bwoc Bentonite + 81.4% FW 13.5 ppg, Yld: 1.75 cf/sk. TOC @ surface. Tail w/250 sx C + 2% bwoc Calcium Chloride + 0.125 lbs/sack Cello Flake + 56.3% FW 14.8 ppg Yld: 1.35 cf/sk 9-5/8" Intermediate Lead w/1100 sx (35:65) Poz (Fly Ash):C + 5% bwow Sodium Chloride + 0.125#/sx CF + 6% bwoc Bentonite + 107.8% FW, 12.5 ppg Yld: 1.96 cf/sk. TOC @ surface Tail w/300 sx C + 5% bwow Sodium Chloride + 0.125#/sx CF + 0.4% bwoc Sodium Metasilicate + 4% bwoc MPA-5 + 52.7% Wtr, 14.8 ppg Yld: 1.34 cf/sk. -1/2" Production 1st Stage Lead w/450 sx (35:65) Poz (Fly Ash): H + 5% bwow Sodium Chloride + 0.3% bwoc CD-32 + 0.5% bwoc FL-25 + 2% bwoc Bentonite + 0.6% bwoc Sodium Metasilicate + 0.5% bwoc FL-52A + 102.5% FW, 12.5 ppg Yld: 2.00 cf/sk Tail w/1400 sx (50:50) Poz (Fly Ash): H + 1% bwow Sodium Chloride + 0.2% bwoc R-3 + 0.125 #/sx CF + 0.5% bwoc BA-10A + 4% bwoc MPA-5 + 58.3% FW, 14.2 ppg. Yld

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	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"/> . Printed Name: Electronically filed by Randy Bolles Title: Manager, Regulatory Affairs Email Address: randy.bolles@dvn.com Date: 6/29/2011	<p style="text-align: center;"><b>OIL CONSERVATION DIVISION</b></p> Approved By: Randy Dade Title: District Supervisor Approved Date: 6/30/2011   Expiration Date: 6/30/2013 Conditions of Approval Attached
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**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**  
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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-102  
Permit 131049

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-39162	2. Pool Code 96403	3. Pool Name WILDCAT;BONE SPRING
4. Property Code 38600	5. Property Name SNAPPING 2 STATE	6. Well No. 006H
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 3241

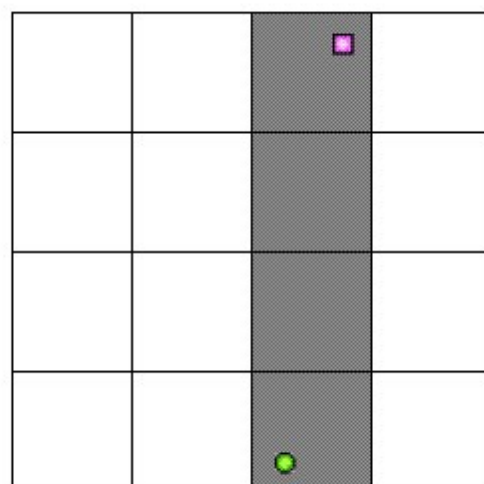
**10. Surface Location**

UL - Lot O	Section 2	Township 26S	Range 31E	Lot Idn	Feet From 330	N/S Line S	Feet From 2285	E/W Line E	County EDDY
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**11. Bottom Hole Location If Different From Surface**

UL - Lot B	Section 2	Township 26S	Range 31E	Lot Idn B	Feet From 330	N/S Line N	Feet From 1650	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**



**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: 6/29/2011

**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: Frank Jaramillo  
Date of Survey: 4/7/2011  
Certificate Number: 439



## Permit Comments

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: SNAPPING 2 STATE #006H

API: 30-015-39162

Created By	Comment	Comment Date
barnettj	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 as 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. 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	6/29/2011
Artesia	Land S/S	6/29/2011

## Permit Conditions of Approval

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: SNAPPING 2 STATE #006H

API: 30-015-39162

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