

**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 <b>DEVON ENERGY PRODUCTION COMPANY, LP</b> 20 N Broadway Oklahoma City, OK 73102		2. OGRID Number 6137
		3. API Number 30-015-39036
4. Property Code 38600	5. Property Name SNAPPING 2 STATE	6. Well No. 003H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	2	26S	31E	M	330	S	630	W	EDDY

**8. Pool Information**

WILDCAT;BONE SPRING	96403
WILDCAT;BONE SPRING	96403

**Additional Well Information**

9. Work Type New Well	10. Well Type OIL	11. Cable Rotary	12. Lease Type State	13. Ground Level Elevation 3244
14. Multiple Y	15. Proposed Depth 13477	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"/> mls 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	7900	1850	0
Prod	8.75	5.5	17	13477	475	3650

**Casing/Cement Program: Additional Comments**

13 3/8" Surface Lead 650sx Cl C + 2% bwoc Calcium Chloride + 0.125#/sx CF + 4% bwoc Bentonite + 81.4% FW, 13.5 ppg Yld: 1.75 cf/sx. TOC @ surface. Tail w/250 sx Cl C + 2% bwoc Calcium Chloride + 0.125#/sx CF + 56.3% FW, 14.8 ppg Yld: 1.35 cf/sx. 9 5/8" Lead w/1100sx (35:65) Poz (Fly Ash):Cl C + 5% bwow Sodium Chloride + 0.125#/sx CF + 6% bwoc Bentonite + 107.8% FW, 12.5 ppg Yld: 1.96 cf/sx. TOC @ surface. Tail w/300sx Cl 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/sx. 5 1/2" 1st Stage Lead w/450sx (35:65) Poz (Fly Ash)Cl 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/sx Tail w/1400sx (50:50) Poz (Fly Ash)Cl 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: 1.28 cf/sx. DV TOOL @ ~6,000'. 2nd Stage: 2nd Stage.

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	
Annular	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"/> .	<b>OIL CONSERVATION DIVISION</b>
Printed Name: Electronically filed by Randy Bolles	Approved By: Randy Dade
Title: Manager, Regulatory Affairs	Title: District Supervisor
Email Address: randy.bolles@dvn.com	Approved Date: 5/16/2011      Expiration Date: 5/16/2013
Date: 5/12/2011      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

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Form C-102  
Permit 131642

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-39036	2. Pool Code 96403	3. Pool Name WILDCAT;BONE SPRING
4. Property Code 38600	5. Property Name SNAPPING 2 STATE	6. Well No. 003H
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 3244

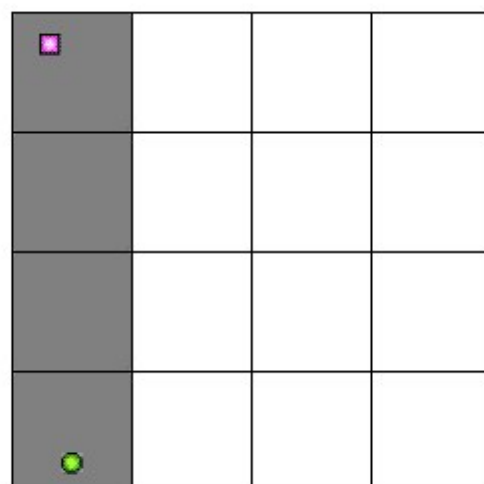
**10. Surface Location**

UL - Lot M	Section 2	Township 26S	Range 31E	Lot Idn	Feet From 330	N/S Line S	Feet From 630	E/W Line W	County EDDY
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**11. Bottom Hole Location If Different From Surface**

UL - Lot D	Section 2	Township 26S	Range 31E	Lot Idn D	Feet From 330	N/S Line N	Feet From 400	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**



**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: 5/12/2011

**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: 12797

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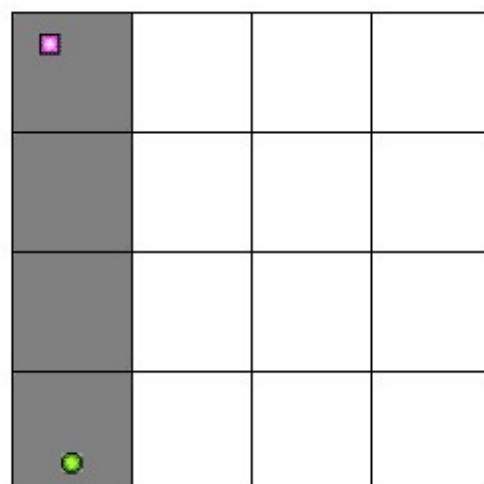
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## Permit Conditions of Approval

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: SNAPPING 2 STATE #003H

API: 30-015-39036

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