

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 193148

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 38600		3. API Number 30-015-42688
5. Property Name SNAPPING 2 STATE		6. Well No. 014H

7. Surface Location

UL - Lot	P	Section	2	Township	26S	Range	31E	Lot Idn	Feet From	250	N/S Line	S	Feet From	330	E/W Line	E	County	Eddy
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8. Proposed Bottom Hole Location

UL - Lot	A	Section	2	Township	26S	Range	31E	Lot Idn	A	Feet From	330	N/S Line	N	Feet From	660	E/W Line	E	County	Eddy
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9. Pool Information

ROSS RANCH:WOLFCAMP (GAS)	84335
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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 3282
16. Multiple N	17. Proposed Depth 16489	18. Formation Wolcamp	19. Contractor	20. Spud Date
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	26	20	117	1000	2070	0
Int1	17.5	13.375	80.7	4100	2870	0
Int2	12.25	9.625	40	5250	1540	3600
Int3	8.75	7	32	11900	340	9100
Prod	6	4.5	13.5	16489	640	11200

Casing/Cement Program: Additional Comments

DV tool depth(s) will be adjusted based on hole conditions and cement volumes will be adjusted proportionally. DV tool will be set a minimum of 50 feet below previous casing and a minimum of 200 feet above current shoe. Lab reports with the 500 psi compressive strength time for the cement will be onsite for review. Include Pilot Hole Cementing specs: Pilot hole depth 13500ft KOP 11470ft

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	
Double Ram	3000	3000	
Annular	3000	3000	
Double Ram	3000	3000	
Annular	7500	7500	
Double Ram	7500	7500	

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 ☒ and/or 19.15.14.9 (B) NMAC ☒, if applicable. Signature: _____ Printed Name: Electronically filed by Randy Bolles Title: Manager, Regulatory Affairs Email Address: randy.bolles@dmn.com Date: 9/29/2014	OIL CONSERVATION DIVISION Approved By: Randy Dade Title: District Supervisor Approved Date: 10/8/2014 Conditions of Approval Attached
Phone: 405-228-8588	Expiration Date: 10/8/2016

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Form C-102
August 1, 2011
Permit 193148

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-42688	2. Pool Code 84335	3. Pool Name ROSS RANCH;WOLFCAMP (GAS)
4. Property Code 38600	5. Property Name SNAPPING 2 STATE	6. Well No. 014H
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 3282

10. Surface Location

UL - Lot P	Section 2	Township 26S	Range 31E	Lot Idn	Feet From 250	N/S Line S	Feet From 330	E/W Line E	County Eddy
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11. Bottom Hole Location If Different From Surface

UL - Lot A	Section 2	Township 26S	Range 31E	Lot Idn	Feet From 330	N/S Line N	Feet From 660	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

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			●														

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Form APD Comments

Permit 193148

PERMIT COMMENTS

Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP [6137] 333 W. Sheridan Avenue Oklahoma City, OK 73102	API Number: 30-015-42688
	Well: SNAPPING 2 STATE #014H

Created By	Comment	Comment Date
cought	BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per Onshore Order 2 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table above. If the system is upgraded all the components installed will be functional and tested. Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment will include a Kelly cock	9/29/2014
cought	Mud Program Depth Type Weight (ppg) Viscosity Water Loss From To 0 1000' FW Gel 8.6-8.8 28-34 N/C 1000' 4100' Saturated Brine 10.0-10.2 28-34 N/C 4100' 9600' Cut Brine 8.5-9.2 28-34 N/C 9600' 13500' (PH) Cut Brine 9-10 28-34 N/C KOP 11900' Cut Brine 9-10 28-34 N/C 11900' 16490' OBM 12.5-15 40-60 10	9/29/2014
cought	Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.	9/29/2014
cought	Please note: the C-102, drilling plan and directional survey will be submitted to the State via FedEx *	9/29/2014
CSHAPARD	Land s/s	9/29/2014

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Form APD Conditions

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PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP [6137] 333 W. Sheridan Avenue Oklahoma City, OK 73102		API Number: 30-015-42688
		Well: SNAPPING 2 STATE #014H
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	