

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 192137

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 302209		3. API Number 30-015-42629
5. Property Name BURTON FLAT DEEP UNIT		6. Well No. 062H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	2	21S	27E		1950	S	100	W	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	2	21S	27E	I	1980	S	330	E	Eddy

9. Pool Information

AVALON;BONE SPRING, EAST	3713
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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 3213
16. Multiple N	17. Proposed Depth 12248	18. Formation 3rd Bone Spring Sand	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	94	200	520	0
Int1	17.5	13.375	68	775	780	0
Int2	12.25	9.625	40	2800	880	0
Prod	8.75	5.5	17	12248	1880	2300

Casing/Cement Program: Additional Comments

Casing Notes: • All casing is new and API approved Maximum Lateral TVD: 7665' Proposed mud Circulations System: Depth Mud Weight Viscosity Fluid Loss Type System 0-200' 8.4-9.0 30-34 N/C FW 200-2800' 10.0-10.2 28-32 N/C Brine 2800-12248' 8.6-9.0 28-32 N/C FW The necessary mud products for weight addition and fluid loss control will be on location at all times. Visual mud monitoring equipment will be in place to detect volume changes indicating loss or gain of circulating fluid volume. If abnormal pressures are encountered, electronic/mechanical mud monitoring equipment will be installed. Notes: • Cement volumes Surface 100%, Intermediate #1 100%, Intermediate #2 75% and Production Casings based on at least 25% excess. • Actual cement volumes will be adjusted based on fluid caliper and caliper log data.

22. Proposed Blowout Prevention Program

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

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.

OIL CONSERVATION DIVISION

Signature:

Printed Name: Electronically filed by Randy Bolles

Title: Manager, Regulatory Affairs

Email Address: randy.bolles@dmv.com

Date: 9/9/2014

Phone: 405-228-8588

Approved By: Randy Dade

Title: District Supervisor

Approved Date: 9/10/2014

Expiration Date: 9/10/2016

Conditions of Approval Attached

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Form C-102
August 1, 2011
Permit 192137

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-42629	2. Pool Code 3713	3. Pool Name AVALON;BONE SPRING, EAST
4. Property Code 302209	5. Property Name BURTON FLAT DEEP UNIT	6. Well No. 062H
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 3213

10. Surface Location

UL - Lot L	Section 2	Township 21S	Range 27E	Lot Idn	Feet From 1950	N/S Line S	Feet From 100	E/W Line W	County Eddy
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11. Bottom Hole Location If Different From Surface

UL - Lot I	Section 2	Township 21S	Range 27E	Lot Idn	Feet From 1980	N/S Line S	Feet From 330	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

	<p style="text-align: center;">OPERATOR CERTIFICATION</p> <p><i>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.</i></p> <p>E-Signed By: Randy Bolles Title: Manager, Regulatory Affairs Date: 9/9/2014</p>
	<p style="text-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: 3/3/2014 Certificate Number: 12797</p>

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Form APD Comments

Permit 192137

PERMIT COMMENTS

Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP [6137] 333 W. Sheridan Avenue Oklahoma City, OK 73102		API Number: 30-015-42629
		Well: BURTON FLAT DEEP UNIT #062H

Created By	Comment	Comment Date
Igood	Cementing Table - CONT'D 9-5/8" 2nd Intermediate Casing Two Stage 440 12.9 9.82 1.85 Lead (65:35) Class C Cement: Poz (Fly Ash): 6% BWOC Bentonite + 5% BWOW Sodium Chloride + 0.125 lbs/sack Poly-E-Flake + 70.9 % Fresh Water 220 14.8 6.34 1.33 Tail Class C Cement + 0.125 lbs/sack Poly-E-Flake + 63.5% Fresh Water DV Tool at 825ft 60 12.9 9.82 1.85 Lead (65:35) Class C Cement: Poz (Fly Ash): 6% BWOC Bentonite + 5% BWOW Sodium Chloride + 0.125 lbs/sack Poly-E-Flake + 70.9 % Fresh Water 140 14.8 6.32 1.33 Tail Class C Cement + 0.125 lbs/sack Poly-E-Flake + 63.5% Fresh Water	9/9/2014
Igood	TOC for all Strings: 20" Surface Casing 0ft 13-3/8" 1st Intermediate Casing 0ft 9-5/8" Intermediate 0ft 9-5/8" 2nd Intermediate Casing Two Stage Option 1st Stage = 825ft 2nd Stage = 0ft 5-1/2" Production Casing 2300ft	9/9/2014
Igood	Project acre encumbers 160 acre, plat will be submitted hard copy via Fed-ex. Drilling plan and survey will be sent via Fed-ex.	9/9/2014
CSHAPARD	Land f/S	9/9/2014

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Form APD Conditions

Permit 192137

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: DEVON ENERGY PRODUCTION COMPANY, LP [6137] 333 W. Sheridan Avenue Oklahoma City, OK 73102		API Number: 30-015-42629
		Well: BURTON FLAT DEEP UNIT #062H
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	