

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 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) 334-6178 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**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-101  
August 1, 2011  
Permit 251917

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

1. Operator Name and Address ASCENT ENERGY, LLC. 14982 Melco Ave Parker, CO 80134		2. OGRID Number 325830
4. Property Code 319772		3. API Number 30-025-44782
5. Property Name TOQUE STATE COM		6. Well No. 304H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
K	6	21S	33E	K	2501	S	2020	W	Lea

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	7	21S	33E	N	330	S	2145	W	Lea

**9. Pool Information**

WC-025 G-08 S213304D;BONE SPRING	97895
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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 3799
16. Multiple N	17. Proposed Depth 16709	18. Formation Bone Spring	19. Contractor	20. Spud Date 9/15/2018
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	17.5	13.375	54.5	1630	1000	0
Int1	12.615	9.625	40	4900	1200	0
Prod	8.75	5.5	20	16709	1750	0

**Casing/Cement Program: Additional Comments**

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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	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 <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable.  Signature:	<b>OIL CONSERVATION DIVISION</b>
Printed Name: Electronically filed by Jody C Robins	Approved By: Paul F Kautz
Title: VP Drilling	Title: Geologist
Email Address: jrobins@ascentenergy.us	Approved Date: 5/16/2018      Expiration Date: 5/16/2020
Date: 5/4/2018      Phone: 720-710-8999	Conditions of Approval Attached

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office  
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number	<sup>2</sup> Pool Code 97895	<sup>3</sup> Pool Name WC-025 G-08 S213304D; BONE SPRING
<sup>4</sup> Property Code	<sup>5</sup> Property Name TOQUE STATE COM	<sup>6</sup> Well Number 304H
<sup>7</sup> OGRID No. 325830	<sup>8</sup> Operator Name ASCENT ENERGY	<sup>9</sup> Elevation 3,799'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	6	21 S	33 E		2,501	SOUTH	2,020	WEST	LEA

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	7	21 S	33 E		330	SOUTH	2,145	WEST	LEA

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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>GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y = 549,066.7 X = 722,124.4 LAT. = 32.507431°N LONG. = 103.612803°W</p> <p>FIRST TAKE POINT NAD 27 NME Y = 548,874.5 X = 722,251.2 LAT. = 32.506900°N LONG. = 103.612396°W</p> <p>CORNER COORDINATES TABLE NAD 27 NME A - Y = 549,202.0 N, X = 721,276.3 E B - Y = 549,208.1 N, X = 722,595.9 E C - Y = 546,563.4 N, X = 721,299.8 E D - Y = 546,567.2 N, X = 722,616.8 E E - Y = 543,922.9 N, X = 721,317.9 E F - Y = 543,929.3 N, X = 722,638.7 E G - Y = 541,280.5 N, X = 721,339.6 E H - Y = 541,288.5 N, X = 722,660.6 E</p> <p>CORNER COORDINATES TABLE NAD 83 NME A - Y = 549,263.0 N, X = 762,457.5 E B - Y = 549,269.1 N, X = 763,777.1 E C - Y = 546,624.4 N, X = 762,481.1 E D - Y = 546,628.1 N, X = 763,798.1 E E - Y = 543,983.8 N, X = 762,499.3 E F - Y = 543,990.2 N, X = 763,820.1 E G - Y = 541,341.3 N, X = 762,521.0 E H - Y = 541,349.3 N, X = 763,842.1 E</p> <p>LAST TAKE POINT NAD 27 NME Y = 541,618.3 X = 722,299.8 LAT. = 32.486955°N LONG. = 103.612397°W</p> <p>BOTTOM HOLE LOCATION NAD 27 NME Y = 541,616.3 X = 722,299.8 LAT. = 32.486949°N LONG. = 103.612397°W</p>	<p>GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y = 549,127.7 X = 763,305.6 LAT. = 32.507552°N LONG. = 103.613293°W</p> <p>FIRST TAKE POINT NAD 83 NME Y = 548,935.5 X = 763,432.4 LAT. = 32.507021°N LONG. = 103.612886°W</p> <p>CORNER COORDINATES TABLE NAD 83 NME A - Y = 549,263.0 N, X = 762,457.5 E B - Y = 549,269.1 N, X = 763,777.1 E C - Y = 546,624.4 N, X = 762,481.1 E D - Y = 546,628.1 N, X = 763,798.1 E E - Y = 543,983.8 N, X = 762,499.3 E F - Y = 543,990.2 N, X = 763,820.1 E G - Y = 541,341.3 N, X = 762,521.0 E H - Y = 541,349.3 N, X = 763,842.1 E</p> <p>LAST TAKE POINT NAD 83 NME Y = 541,679.1 X = 763,481.3 LAT. = 32.487076°N LONG. = 103.612886°W</p> <p>BOTTOM HOLE LOCATION NAD 83 NME Y = 541,677.1 X = 763,481.3 LAT. = 32.487070°N LONG. = 103.612886°W</p>	<p><b><sup>17</sup> OPERATOR CERTIFICATION</b> 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 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.</p> <p><i>Dean Gimbel</i> 5/3/18 Signature Date</p> <p>Dean Gimbel Printed Name</p> <p>dgimbel@ascentenergy.us E-mail Address</p>
	<p><b><sup>18</sup> SURVEYOR CERTIFICATION</b> 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.</p> <p>04-18-2018 Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>MARK DILLON HARP 23786 Certificate Number</p> <p>RR/AW 2018010481</p>		

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Form APD Comments

Permit 251917

**PERMIT COMMENTS**

Operator Name and Address: ASCENT ENERGY, LLC. [325830] 14982 Melco Ave Parker, CO 80134	API Number: 30-025-44782
	Well: TOQUE STATE COM #304H

Created By	Comment	Comment Date
pkautz	State of New Mexico GIS Coordinator has determine that state agency cannot use or accept GIS coordinates in NAD83. Therefore, the NMOCD cannot accept the APD's submitted because GIS coordinates are in NAD 27.	5/4/2018
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Form APD Conditions

Permit 251917

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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
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**Santa Fe, NM 87505**

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: ASCENT ENERGY, LLC. [325830] 14982 Melco Ave Parker, CO 80134	API Number: 30-025-44782
	Well: TOQUE STATE COM #304H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface R-111-P -- 2) PRODUCTION CASING - Cement must circulate to surface R-111-p --
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	1)- The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud 2)- Drilling Sundries Form C-103 (Casing and Cement test are to be submitted within 10 days 3)- Completion Reports & Logs are to be submitted within 45 days 4)- Deviation / Directional Drill Survey are to be filed with or prior to C-104
pkautz	It is the operator's responsibility to monitor cancellation dates of approved APDs. APD's are good for 2 years and may be extended for one year. Only one 1 year extension will be granted if submitted by C-103 before expiration date. After expiration date or after a 1 year extension must submit new APD.
pkautz	Potash Area - ** Three String Casing Program - In accordance with R-111-P all strings shall be cemented to surface. ** Salt Protection String - If the cement fails to reach the surface or the bottom of the cellar, where required, the top of the cement shall be located by a temperature or other survey and additional cementing shall be done until the cement is brought to the surface. ** Stage tool must be a minimum of 50 feet below intermediate shoe.