

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 251852

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 30-025-44776
5. Property Name TOQUE STATE COM		6. Well No. 201H

7. Surface Location

UL - Lot L	Section 6	Township 21S	Range 33E	Lot Idn 17	Feet From 2471	N/S Line S	Feet From 320	E/W Line W	County Lea
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8. Proposed Bottom Hole Location

UL - Lot M	Section 7	Township 21S	Range 33E	Lot Idn 4	Feet From 330	N/S Line S	Feet From 340	E/W Line W	County Lea
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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 3773
16. Multiple N	17. Proposed Depth 16464	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	1500	0
Prod	8.75	5.5	20	16464	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:	OIL CONSERVATION DIVISION
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

¹ API Number	² Pool Code 97895	³ Pool Name WC-025 G-08 S213304D; BONE SPRING
⁴ Property Code	⁵ Property Name TOQUE STATE COM	⁶ Well Number 201H
⁷ OGRID No. 325830	⁸ Operator Name ASCENT ENERGY	⁹ Elevation 3,773'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L17	6	21 S	33 E		2,471	SOUTH	320	WEST	LEA

¹¹ 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
L4	7	21 S	33 E		330	SOUTH	340	WEST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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>16</p> <p style="text-align: center;">SEC. 6 T21S R33E</p> <p style="text-align: center;">SEC. 7 T21S R33E</p> <p style="text-align: center;">SEC. 18</p>	<p>GEODETIC COORDINATES</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"> NAD 27 NME SURFACE LOCATION Y = 549,031.9 X = 720,424.6 LAT. = 32.507367°N LONG. = 103.618317°W </td> <td style="width: 50%;"> NAD 83 NME SURFACE LOCATION Y = 549,092.9 X = 761,605.8 LAT. = 32.507488°N LONG. = 103.618807°W </td> </tr> <tr> <td> FIRST TAKE POINT NAD 27 NME Y = 548,866.2 X = 720,446.2 LAT. = 32.506911°N LONG. = 103.618250°W </td> <td> FIRST TAKE POINT NAD 83 NME Y = 548,927.2 X = 761,627.4 LAT. = 32.507032°N LONG. = 103.618741°W </td> </tr> </table> <p style="text-align: center;">CORNER COORDINATES TABLE NAD 27 NME</p> <table border="0" style="width: 100%;"> <tr><td>A - Y = 549,202.0 N, X = 721,276.3 E</td><td>E</td></tr> <tr><td>B - Y = 549,196.6 N, X = 720,103.1 E</td><td>E</td></tr> <tr><td>C - Y = 546,563.4 N, X = 721,299.8 E</td><td>E</td></tr> <tr><td>D - Y = 546,560.0 N, X = 720,126.9 E</td><td>E</td></tr> <tr><td>E - Y = 543,922.9 N, X = 721,317.9 E</td><td>E</td></tr> <tr><td>F - Y = 543,917.2 N, X = 720,138.9 E</td><td>E</td></tr> <tr><td>G - Y = 541,280.5 N, X = 721,339.6 E</td><td>E</td></tr> <tr><td>H - Y = 541,273.5 N, X = 720,157.3 E</td><td>E</td></tr> </table> <p style="text-align: center;">CORNER COORDINATES TABLE NAD 83 NME</p> <table border="0" style="width: 100%;"> <tr><td>A - Y = 549,263.0 N, X = 762,457.5 E</td><td>E</td></tr> <tr><td>B - Y = 549,257.6 N, X = 761,284.3 E</td><td>E</td></tr> <tr><td>C - Y = 546,624.4 N, X = 762,481.1 E</td><td>E</td></tr> <tr><td>D - Y = 546,621.0 N, X = 761,308.2 E</td><td>E</td></tr> <tr><td>E - Y = 543,983.8 N, X = 762,499.3 E</td><td>E</td></tr> <tr><td>F - Y = 543,978.1 N, X = 761,320.2 E</td><td>E</td></tr> <tr><td>G - Y = 541,341.3 N, X = 762,521.0 E</td><td>E</td></tr> <tr><td>H - Y = 541,334.3 N, X = 761,338.7 E</td><td>E</td></tr> </table> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"> LAST TAKE POINT NAD 27 NME Y = 541,607.5 X = 720,494.9 LAT. = 32.486958°N LONG. = 103.618250°W </td> <td style="width: 50%;"> LAST TAKE POINT NAD 83 NME Y = 541,668.3 X = 761,676.3 LAT. = 32.487079°N LONG. = 103.618740°W </td> </tr> <tr> <td> BOTTOM HOLE LOCATION NAD 27 NME Y = 541,605.5 X = 720,495.0 LAT. = 32.486953°N LONG. = 103.618250°W </td> <td> BOTTOM HOLE LOCATION NAD 83 NME Y = 541,666.3 X = 761,676.4 LAT. = 32.487074°N LONG. = 103.618740°W </td> </tr> </table>	NAD 27 NME SURFACE LOCATION Y = 549,031.9 X = 720,424.6 LAT. = 32.507367°N LONG. = 103.618317°W	NAD 83 NME SURFACE LOCATION Y = 549,092.9 X = 761,605.8 LAT. = 32.507488°N LONG. = 103.618807°W	FIRST TAKE POINT NAD 27 NME Y = 548,866.2 X = 720,446.2 LAT. = 32.506911°N LONG. = 103.618250°W	FIRST TAKE POINT NAD 83 NME Y = 548,927.2 X = 761,627.4 LAT. = 32.507032°N LONG. = 103.618741°W	A - 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Santa Fe, NM 87505

Form APD Comments

Permit 251852

PERMIT COMMENTS

Operator Name and Address: ASCENT ENERGY, LLC. [325830] 14982 Melco Ave Parker, CO 80134	API Number: 30-025-44776
	Well: TOQUE STATE COM #201H

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 251852

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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: 30-025-44776
	Well: TOQUE STATE COM #201H

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.