

**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 250126

**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 321111		3. API Number 30-015-44826
5. Property Name PURPLE FROG STATE		6. Well No. 701H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	32	20S	30E	B	150	N	2360	E	Eddy

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	32	20S	30E	O	330	S	2300	E	Eddy

**9. Pool Information**

WC-015 G-07 S203032G;WOLFCAMP	97963
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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 3382
16. Multiple N	17. Proposed Depth 14866	18. Formation Wolfcamp	19. Contractor	20. Spud Date 8/15/2018
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	26	20	65	500	1250	0
Int1	17.5	13.375	54.5	1675	1250	0
Int2	12.615	9.625	40	4000	1250	0
Prod	8.835	5.5	20	14866	2700	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: Raymond Podany
Title: VP Drilling	Title: Geologist
Email Address: jrobins@ascentenergy.us	Approved Date: 5/10/2018      Expiration Date: 5/10/2020
Date: 4/4/2018      Phone: 720-710-8999	Conditions of Approval Attached

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Phone: (505) 476-3460 Fax: (505) 476-3462

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 97963	<sup>3</sup> Pool Name WC-015 G-07 S203032G; WOLFCAMP
<sup>4</sup> Property Code	<sup>5</sup> Property Name PURPLE FROG STATE	<sup>6</sup> Well Number 701H
<sup>7</sup> OGRID No. 325830	<sup>8</sup> Operator Name ASCENT ENERGY, LLC	<sup>9</sup> Elevation 3381.6

<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
B	32	20 S	30 E		150	NORTH	2360	EAST	EDDY

<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
O	32	20 S	30 E		330	SOUTH	2300	EAST	EDDY

<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>GRID AZ.=S18°26'33"E HORIZ. DIST.=191.65 FT</p> <p>GRID AZ.=S00°13'47"E HORIZ. DIST.=4618.66 FT</p> <p>GRID AZ.=S00°14'51"E HORIZ. DIST.=2.00 FT</p> <p>PURPLE FROG STATE 701H EL. = 3381.6'</p>				<p><b><sup>17</sup> OPERATOR CERTIFICATION</b></p> <p>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> 3/23/18 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></p> <p>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>MARCH 20, 2018 Date of Survey</p> <p><i>[Signature]</i> Signature and Seal of Professional Surveyor</p> <p>Certificate Number: FILAMON F. JARAMILLO, PLS 12797 SURVEY NO.6089A</p>				<p><b>CORNER COORDINATES TABLE</b> NAD 27 NMSP EAST</p> <table border="1"> <tr><td>A</td><td>N = 559229.18</td><td>E = 604629.36</td></tr> <tr><td>B</td><td>N = 559234.20</td><td>E = 605949.55</td></tr> <tr><td>C</td><td>N = 559239.23</td><td>E = 607269.74</td></tr> <tr><td>D</td><td>N = 556597.50</td><td>E = 607279.44</td></tr> <tr><td>E</td><td>N = 553953.57</td><td>E = 607290.81</td></tr> <tr><td>F</td><td>N = 553951.07</td><td>E = 605969.17</td></tr> <tr><td>G</td><td>N = 553948.57</td><td>E = 604647.53</td></tr> </table> <p><b>CORNER COORDINATES TABLE</b> NAD 83 NMSP EAST</p> <table border="1"> <tr><td>A</td><td>N = 559290.71</td><td>E = 645810.12</td></tr> <tr><td>B</td><td>N = 559295.74</td><td>E = 647130.30</td></tr> <tr><td>C</td><td>N = 559300.77</td><td>E = 648450.49</td></tr> <tr><td>D</td><td>N = 556858.98</td><td>E = 648460.25</td></tr> <tr><td>E</td><td>N = 554015.00</td><td>E = 648471.68</td></tr> <tr><td>F</td><td>N = 554012.49</td><td>E = 647150.04</td></tr> <tr><td>G</td><td>N = 554009.99</td><td>E = 645828.41</td></tr> </table>		A	N = 559229.18	E = 604629.36	B	N = 559234.20	E = 605949.55	C	N = 559239.23	E = 607269.74	D	N = 556597.50	E = 607279.44	E	N = 553953.57	E = 607290.81	F	N = 553951.07	E = 605969.17	G	N = 553948.57	E = 604647.53	A	N = 559290.71	E = 645810.12	B	N = 559295.74	E = 647130.30	C	N = 559300.77	E = 648450.49	D	N = 556858.98	E = 648460.25	E	N = 554015.00	E = 648471.68	F	N = 554012.49	E = 647150.04	G	N = 554009.99	E = 645828.41
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Form APD Comments

Permit 250126

**PERMIT COMMENTS**

Operator Name and Address: ASCENT ENERGY, LLC. [325830] 14982 Melco Ave Parker, CO 80134		API Number: 30-015-44826
		Well: PURPLE FROG STATE #701H

Created By	Comment	Comment Date
rpodany	Casing design. Four string required in R-111-P area.	3/29/2018

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Form APD Conditions  
  
Permit 250126

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: ASCENT ENERGY, LLC. [325830] 14982 Melco Ave Parker, CO 80134		API Number: 30-015-44826
		Well: PURPLE FROG STATE #701H
OCD Reviewer	Condition	
rpodany	Will require a directional survey with the C-104	
rpodany	Cement is required to circulate on both surface and intermediate1 strings of casing	