

**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 250153

**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 30-015-44829
5. Property Name PURPLE FROG STATE		6. Well No. 704H

**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	1637	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
P	32	20S	30E	P	330	S	350	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 3386
16. Multiple N	17. Proposed Depth 15085	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	15085	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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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	<sup>3</sup> Pool Name
	97963	WC-015 G-07 S203032G; WOLFCAMP
<sup>4</sup> Property Code	<sup>5</sup> Property Name	<sup>6</sup> Well Number
	PURPLE FROG STATE	704H
<sup>7</sup> OGRID No.	<sup>8</sup> Operator Name	<sup>9</sup> Elevation
325830	ASCENT ENERGY, LLC	3386.3

<sup>10</sup> Surface Location

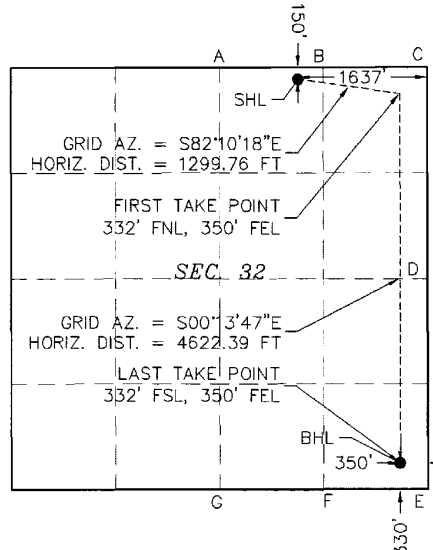
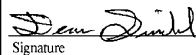
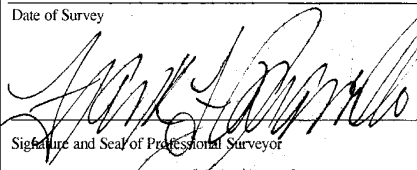
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	32	20 S	30 E		150	NORTH	1637	EAST	EDDY

<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
P	32	20 S	30 E		330	SOUTH	350	EAST	EDDY

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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;"><b>PURPLE FROG STATE 704H</b> EL. = 3386.3'</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>GEODETIC COORDINATES NAD 27 NMSP EAST SURFACE LOCATION N.=559082.97 E.=605633.70 LAT. = 32.5365606°N LONG. = 103.9905634°W</p> <p>FIRST TAKE POINT NAD 27 NMSP EAST N.=558905.98 E.=606921.04 LAT. = 32.5360627°N LONG. = 103.9863881°W</p> <p>LAST TAKE POINT NAD 27 NMSP EAST N.=554284.82 E.=606939.46 LAT. = 32.5233598°N LONG. = 103.9863771°W</p> <p>BOTTOM OF HOLE NAD 27 NMSP EAST N.=554282.82 E.=606939.47 LAT. = 32.5233543°N LONG. = 103.9863771°W</p> <p>CORNER COORDINATES TABLE NAD 27 NMSP EAST 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</p> <p>CORNER COORDINATES TABLE NAD 83 NMSP EAST A - N.=559290.71, E.=645810.12 B - N.=559295.74, E.=647130.30 C - N.=559300.77, E.=648450.49 D - N.=556558.98, E.=648460.25 E - N.=554015.00, E.=648471.68 F - N.=554012.49, E.=647150.04 G - N.=554009.99, E.=645828.41</p> </div> <div style="width: 45%;"> <p>GEODETIC COORDINATES NAD 83 NMSP EAST SURFACE LOCATION N.=559144.51 E.=646814.46 LAT. = 32.5366805°N LONG. = 103.9910642°W</p> <p>FIRST TAKE POINT NAD 83 NMSP EAST N.=558967.52 E.=648101.80 LAT. = 32.5361826°N LONG. = 103.9868887°W</p> <p>LAST TAKE POINT NAD 83 NMSP EAST N.=554346.26 E.=648120.33 LAT. = 32.5234799°N LONG. = 103.9868774°W</p> <p>BOTTOM OF HOLE NAD 83 NMSP EAST N.=554344.26 E.=648120.34 LAT. = 32.5234744°N LONG. = 103.9868774°W</p> </div> </div> 	<p><b><sup>17</sup> OPERATOR CERTIFICATION</b></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 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> 3/22/18 Signature Date</p> <p><b>Dean Gimbel</b> Printed Name</p> <p><a href="mailto:dgimbel@ascentenergy.us">dgimbel@ascentenergy.us</a> E-mail Address</p> <p><b><sup>18</sup> SURVEYOR CERTIFICATION</b></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>MARCH 19, 2018 Date of Survey</p> <p> Signature and Seal of Professional Surveyor</p> <p>Certificate Number: <b>WILMON F. JARAMILLO, PLS 12797</b> SURVEY NO. 6096A</p>

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State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

Form APD Comments

Permit 250153

PERMIT COMMENTS

Operator Name and Address:		API Number:
ASCENT ENERGY, LLC. [325830]		30-015-44829
14982 Melco Ave		Well:
Parker, CO 80134		PURPLE FROG STATE #704H

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

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Form APD Conditions  
  
Permit 250153

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: ASCENT ENERGY, LLC. [325830] 14982 Melco Ave Parker, CO 80134		API Number: 30-015-44829
		Well: PURPLE FROG STATE #704H
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	