

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**IN THE MATTER OF THE HEARING CALLED
BY THE OIL CONSERVATION DIVISION FOR
THE PURPOSE OF CONSIDERING:**

**APPLICATION OF ASCENT ENERGY, LLC
FOR A NON-STANDARD SPACING AND
PRORATION UNIT AND COMPULSORY
POOLING, LEA COUNTY, NEW MEXICO.**

Case No. 16232

**APPLICATION OF ASCENT ENERGY, LLC
FOR A NON-STANDARD SPACING AND
PRORATION UNIT AND COMPULSORY
POOLING, LEA COUNTY, NEW MEXICO.**

Case No. 16233

VERIFIED STATEMENT OF LEE ZINK

Lee Zink, being duly sworn upon his oath, deposes and states:

1. I am a landman for Ascent Energy, LLC ("Ascent"), and have personal knowledge of the matters stated herein. I have been qualified by the Division as an expert petroleum landman.

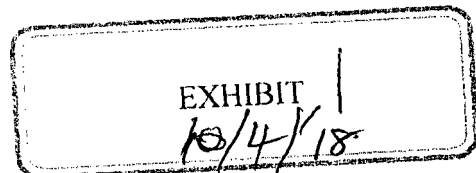
2. Pursuant to NMAC 19.15.4.12.A(1), the following information is submitted in support of the compulsory pooling application filed herein:

(a) The purpose of this application is to force pool working interest owners into the Wolfcamp and Bone Spring horizontal spacing units described below, and in wells to be drilled in the units.

(b) No opposition is expected because the interest owners being pooled have been contacted regarding the proposed well, but have failed or refused to voluntarily commit their interests to the wells. All interest owners are locatable.

(c) The wells are in the Gavilon Development Area, a development area approved by the Bureau of Land management for drilling in the potash area. A plat outlining the Development area is attached as Attachment A.

(d) A plat outlining the Wolfcamp unit being pooled in Case 16232 is attached hereto as Attachment B. Ascent seeks an order pooling all mineral interests in the Wolfcamp



formation underlying the W/2W/2 of Section 28 and the W/2W/2 of Section 33, Township 20 South, Range 33 East, NMPM. The unit will be dedicated to:

- (i) the Gavilon Fed Com Well No. 703H, a Wolfcamp test; and
- (ii) the Gavilon Fed Com Well No. 704H, a Wolfcamp test.

They are horizontal wells with first take points in the SW/4SW/4 of Section 33 and final take points in the NW/4NW/4 of Section 28. Form C-102s for the Wolfcamp wells are attached as Attachment C. The wells will comply with Division setback requirements.

The parties being pooled and their interests are set forth in Attachment B.

(e) A plat outlining the Bone Spring unit being pooled in Case 162323 is attached hereto as Attachment D. Ascent seeks an order pooling all mineral interests in the Bone formation underlying the W/2W/2 of Section 28 and the W/2W/2 of Section 33, Township 20 South, Range 33 East, NMPM. The unit will be dedicated to:

- (i) the Gavilon Fed Com Well No. 201H, a 1st Bone Spring test;
- (ii) the Gavilon Fed Com Well No. 303H, a 1st Bone Spring test;
- (iii) the Gavilon Fed Com Well No. 304H, a 1st Bone Spring test;
- (iv) the Gavilon Fed Com Well No. 401H, a 1st Bone Spring test;
- (v) the Gavilon Fed Com Well No. 503H, a 2nd Bone Spring test;
- (vi) the Gavilon Fed Com Well No. 504H, a 2nd Bone Spring test; and
- (vii) the Gavilon Fed Com Well No. 602H, a 3rd Bone Spring test.

They are horizontal wells with first take points in the SW/4SW/4 of Section 33 and final take points in the NW/4NW/4 of Section 28. Form C-102s for the Bone Spring wells are attached as Attachment E. The wells will comply with Division setback requirements.

The parties being pooled and their interests are set forth in Attachment D.

- (f) There are no depth severances in the Bone Spring and Wolfcamp formations.
- (g) Attachment F contains a summary of contacts or attempted contacts with the interest owners, together with copies of the proposal letters sent to the interest owners.
- (h) Ascent has made a good faith effort to obtain the voluntary joinder of the working interest owners in the proposed well.
- (i) Ascent has the right to pool the overriding royalty owners in the well unit.

- (j) Attachment G contains the Authorizations for Expenditure for the proposed wells. The estimated costs of the wells set forth therein are fair and reasonable, and comparable to the costs of other wells of similar depth and length drilled in this area of Lea County.
- (k) Ascent requests overhead and administrative rates of \$7500/month for a drilling well and \$750/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this portion of Lea County. They are also the rates set forth in the Joint Operating Agreement for the well unit. Ascent requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.
- (l) Ascent requests that the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.
- (m) Ascent requests that it be designated operator of the wells.
- (n) Attachment H lists all offset operators to the well units.
- (o) The attachments to this affidavit were prepared by me, or compiled from Company business records.
- (p) The granting of this application is in the interests of conservation and the prevention of waste.

STATE OF COLORADO)
) ss.
CITY AND COUNTY OF DENVER)

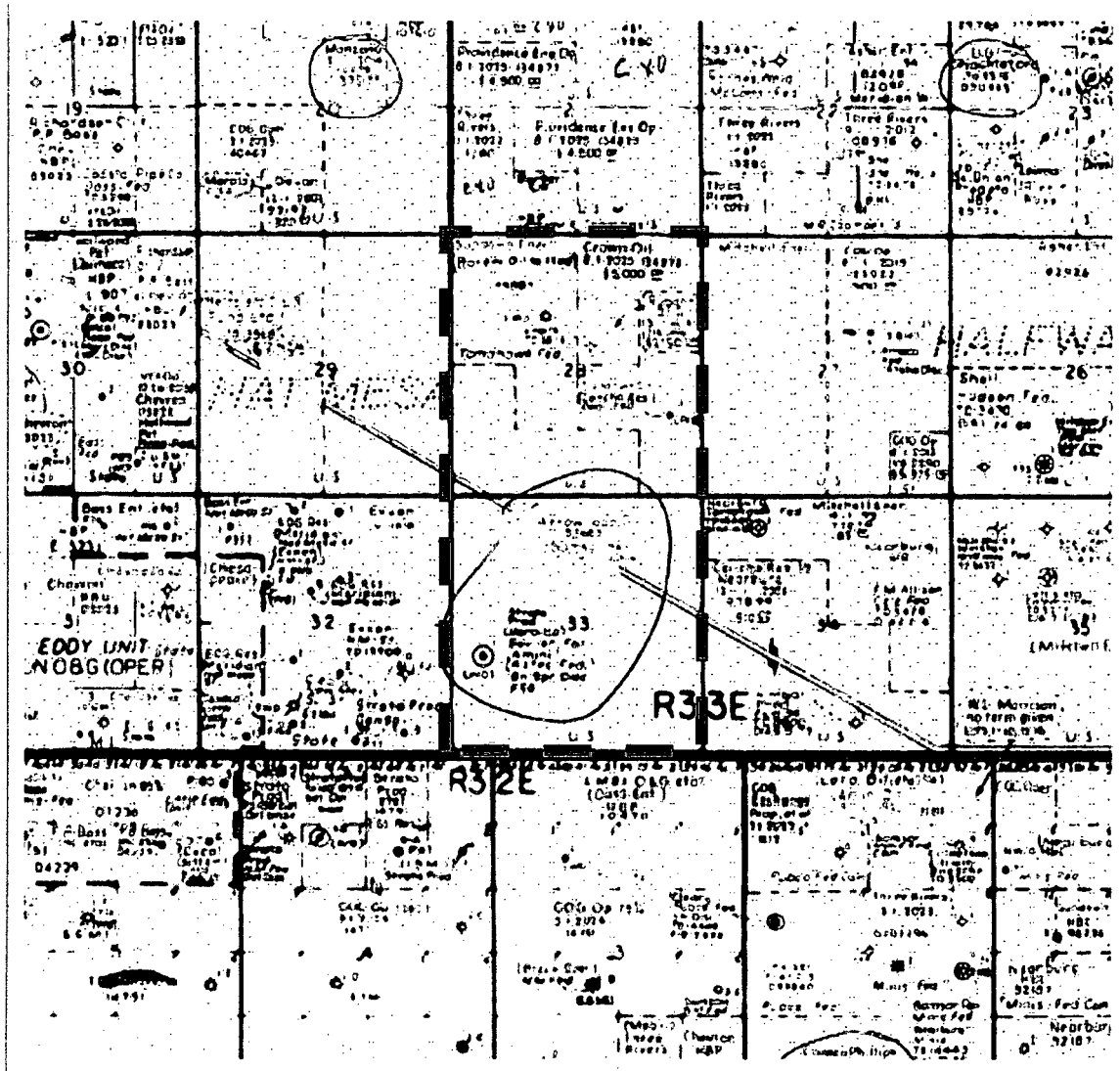
Lee Zink

My Commission Expires: 5/10/22

Yvonne McFarlane
Notary Public



Gavilon Development Area
Township 20 South, Range 33 East
 Section 28: All
 Section 33: All
 1,280.00 Gross Acres
 Lea County, NM



Gavilon Development Area

ATTACHMENT

A

Ascent Energy, LLC



Exhibit

Midland Map
 T20S-R33E

Case No.

Township 20 South, Range 33 East

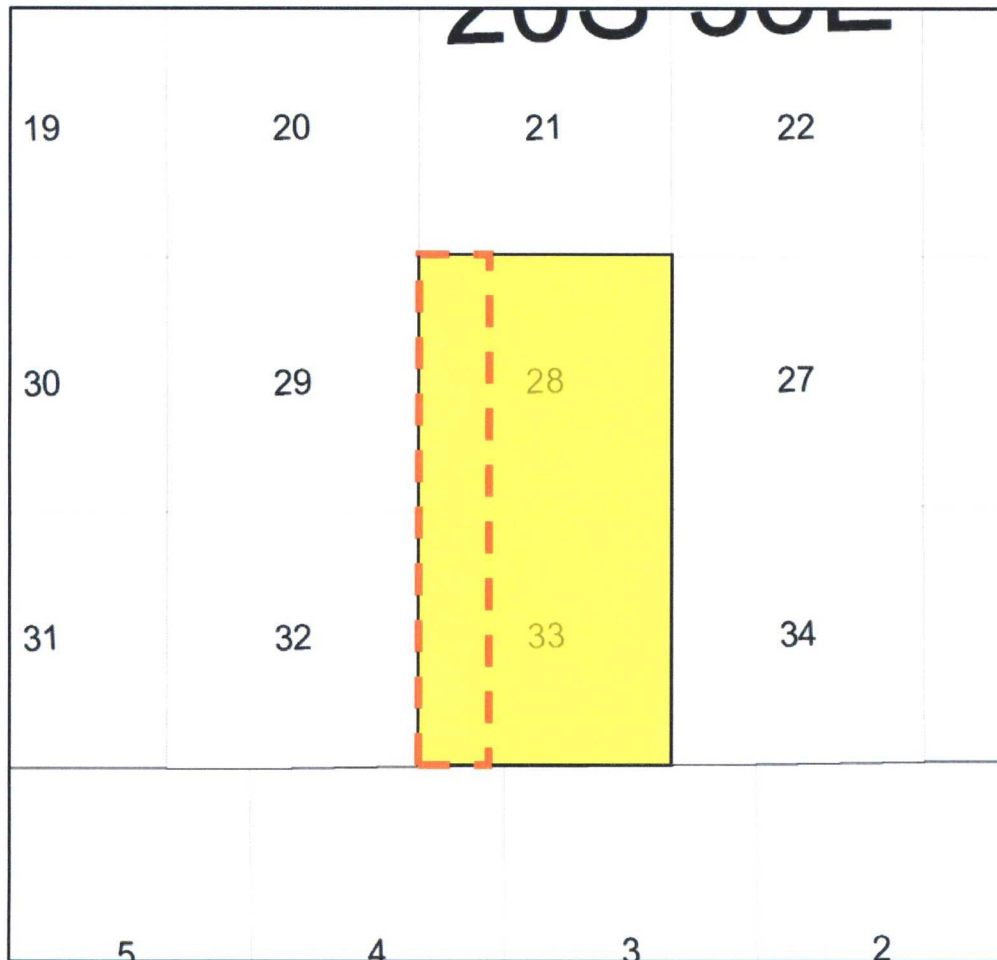
Section 28: W2W2

Section 33: W2W2

320.00 Gross Acres


Lea County, NM

Case No. 16233



Working Interest for: Gavilon Fed Com #201H
Gavilon Fed Com #303H, Gavilon Fed Com #304H
Gavilon Fed Com #401H, Gavilon Fed Com #503H
Gavilon Fed Com #504H, Gavilon Fed Com #602H

Ascent Energy LLC:	46.09%
Marathon Oil Permian:	23.96%
XTO Holdings LLC:	12.50%
COG Operating LLC:	12.50%
Camterra Resources Partners:	04.17%
John Benedict:	00.78%
Total:	100.00%

 Pooling Unit
Sec. 28: W2W2
Sec. 33: W2W2
320.00 Gross Acres

Ascent Energy, LLC



Exhibit

Ascent Energy Pooling Unit Map

Case No. 16233

ATTACHMENT 13

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 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

¹ API Number	² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name GAVILON FED COM	
⁷ OGRID No. 325830	⁸ Operator Name ASCENT ENERGY	
		⁶ Well Number 703H
		⁹ Elevation 3,660'

¹⁰ Surface Location

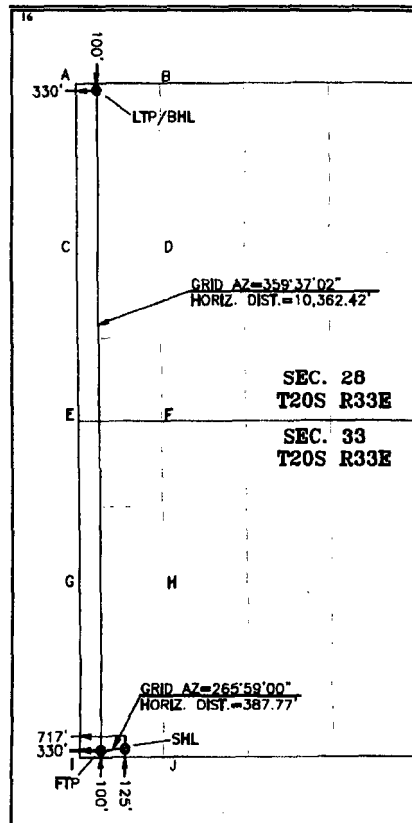
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	33	20 S	33 E		125	SOUTH	717	WEST	LEA

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
D	28	20 S	33 E		100	NORTH	330	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.



GEODETIC COORDINATES
NAD 27 NME
SURFACE LOCATION
Y= 554,453.3
X= 703,222.4
LAT= 32.522573°N
LONG= 103.674005°W

GEODETIC COORDINATES
NAD 83 NME
SURFACE LOCATION
Y= 554,514.6
X= 744,403.1
LAT= 32.522694°N
LONG= 103.674499°W

FIRST TAKE POINT
NAD 27 NME
Y= 554,426.1
X= 702,835.5
LAT= 32.522505°N
LONG= 103.675261°W

FIRST TAKE POINT
NAD 83 NME
Y= 554,487.4
X= 744,016.2
LAT= 32.522626°N
LONG= 103.675755°W

**LAST TAKE POINT/
BOTTOM HOLE LOCATION**
NAD 27 NME
Y= 564,788.1
X= 702,766.6
LAT= 32.550988°N
LONG= 103.675277°W

**LAST TAKE POINT/
BOTTOM HOLE LOCATION**
NAD 83 NME
Y= 564,849.6
X= 743,947.0
LAT= 32.551109°N
LONG= 103.675772°W

CORNER COORDINATES TABLE
NAD 27 NME

A	-	Y= 564,886.6	N	X= 702,435.9	E
B	-	Y= 564,889.6	N	X= 703,758.5	E
C	-	Y= 562,245.6	N	X= 702,453.7	E
D	-	Y= 562,252.4	N	X= 703,776.0	E
E	-	Y= 559,604.5	N	X= 702,471.5	E
F	-	Y= 559,611.7	N	X= 703,793.7	E
G	-	Y= 556,965.1	N	X= 702,489.0	E
H	-	Y= 556,972.4	N	X= 703,811.1	E
I	-	Y= 554,324.2	N	X= 702,506.2	E
J	-	Y= 554,331.7	N	X= 703,828.4	E

CORNER COORDINATES TABLE
NAD 83 NME

A	-	Y= 564,948.1	N	X= 743,616.3	E
B	-	Y= 564,954.1	N	X= 744,938.9	E
C	-	Y= 562,307.0	N	X= 743,634.1	E
D	-	Y= 562,313.8	N	X= 744,956.5	E
E	-	Y= 559,665.9	N	X= 743,652.0	E
F	-	Y= 559,673.1	N	X= 744,974.2	E
G	-	Y= 557,026.4	N	X= 743,669.6	E
H	-	Y= 557,033.7	N	X= 744,991.7	E
I	-	Y= 554,385.5	N	X= 743,686.9	E
J	-	Y= 554,393.0	N	X= 745,009.1	E

17 OPERATOR CERTIFICATION

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 undivided 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.

Signature _____ Date _____
Printed Name _____
E-mail Address _____

18 SURVEYOR CERTIFICATION

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.

08-16-2018

Date of Survey

Signature and Seal of
Professional Surveyor:

PRELIMINARY. THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS A FINAL SURVEY DOCUMENT

MARK DILLON HARP 23786

Certificate Number

AW

2018010117

ATTACHMENT C

Ascent Energy, LLC



Case No. _____ Exhibit _____

Gavilon FED COM 703H
Revised C-102 Well Plat

Sept 12, 2018

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 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

¹ API Number	² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name GAVILON FED COM	⁶ Well Number 704H
⁷ OGRID No. 325830	⁸ Operator Name ASCENT ENERGY	⁹ Elevation 3,661'

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
M	33	20 S	33 E		125	SOUTH	792	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
D	28	20 S	33 E		100	NORTH	990	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>GEODETTIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 554,453.7 X= 703,287.4 LAT= 32.522573°N LONG= 103.673762°W</p> <p>FIRST TAKE POINT NAD 27 NME Y= 554,429.8 X= 703,495.5 LAT= 32.522504°N LONG= 103.673120°W</p> <p>LAST TAKE POINT/ BOTTOM HOLE LOCATION NAD 27 NME Y= 564,791.1 X= 703,426.6 LAT= 32.550985°N LONG= 103.673135°W</p>	<p>GEODETTIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 554,515.0 X= 744,478.1 LAT= 32.522694°N LONG= 103.674256°W</p> <p>FIRST TAKE POINT NAD 83 NME Y= 554,491.1 X= 744,676.2 LAT= 32.522625°N LONG= 103.673613°W</p> <p>LAST TAKE POINT/ BOTTOM HOLE LOCATION NAD 83 NME Y= 564,852.6 X= 744,607.0 LAT= 32.551106°N LONG= 103.673630°W</p>	<p>¹⁷ OPERATOR CERTIFICATION 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 undivided 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>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p>
	<p>CORNER COORDINATES TABLE NAD 27 NME</p> <p>A - Y= 564,886.6 N, X= 702,435.9 E B - Y= 564,889.8 N, X= 703,758.5 E C - Y= 562,245.6 N, X= 702,453.7 E D - Y= 562,252.4 N, X= 703,776.0 E E - Y= 559,604.5 N, X= 702,471.5 E F - Y= 559,611.7 N, X= 703,793.7 E G - Y= 556,985.1 N, X= 702,489.0 E H - Y= 556,972.4 N, X= 703,811.1 E I - Y= 554,324.2 N, X= 702,506.2 E J - Y= 554,331.7 N, X= 703,828.4 E</p>	<p>¹⁸ SURVEYOR CERTIFICATION 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>09-07-2018 Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor: _____</p> <p>PRELIMINARY. THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS A FINAL SURVEY DOCUMENT</p> <p>MARK DILLON HARP 23786 Certificate Number _____ AW 2018010118</p>	
	<p>CORNER COORDINATES TABLE NAD 83 NME</p> <p>A - Y= 564,948.1 N, X= 743,616.3 E B - Y= 564,954.1 N, X= 744,938.9 E C - Y= 562,307.0 N, X= 743,634.1 E D - Y= 562,313.8 N, X= 744,956.5 E E - Y= 559,665.9 N, X= 743,652.0 E F - Y= 559,673.1 N, X= 744,974.2 E G - Y= 557,026.4 N, X= 743,669.8 E H - Y= 557,033.7 N, X= 744,991.7 E I - Y= 554,385.5 N, X= 743,686.9 E J - Y= 554,393.0 N, X= 745,009.1 E</p>		

Ascent Energy, LLC	
Case No.	Exhibit
Gavilon FED COM 704H Revised C-102 Well Plat	
Sept 12, 2018	

Township 20 South, Range 33 East

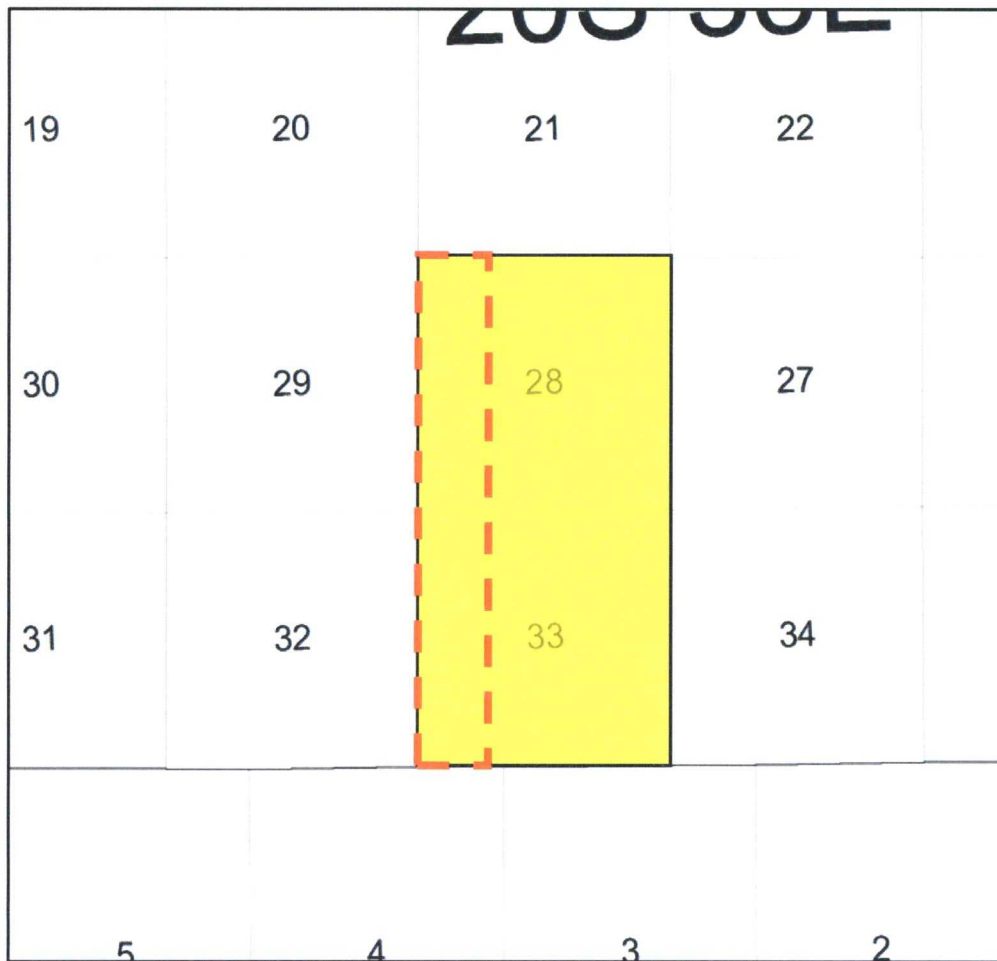
Section 28: W2W2

Section 33: W2W2

320.00 Gross Acres

Lea County, NM

Case No. 16232



Working Interest for:

Gavilon Fed Com #703H

Gavilon Fed Com #704H

Ascent Energy LLC: 46.09%

Marathon Oil Permian: 23.96%

XTO Holdings LLC: 12.50%

COG Operating LLC: 12.50%

Camterra Resources Partners: 04.17%

John Benedict: 00.78%

Total: 100.00%



Pooling Unit

Sec. 28: W2W2

Sec. 33: W2W2

320.00 Gross Acres

Ascent Energy, LLC



Exhibit

Ascent Energy Pooling Unit Map

Case No. 16232

ATTACHMENT



District I
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District IV
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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

¹ API Number		² Pool Code		³ Pool Name	
⁴ Property Code		⁵ Property Name GAVILON FED COM			⁶ Well Number 201H
⁷ OGRID No. 325830		⁸ Operator Name ASCENT ENERGY			⁹ Elevation 3,657'
¹⁰ Surface Location					
U/L or lot no. M	Section 33	Township 20 S	Range 33 E	Lot Idn	Feet from the 125
				North/South line SOUTH	Feet from the 617
				East/West line WEST	County LEA
¹¹ Bottom Hole Location If Different From Surface					
U/L or lot no. D	Section 28	Township 20 S	Range 33 E	Lot Idn	Feet from the 330
				North/South line NORTH	Feet from the 365
				East/West line WEST	County LEA
¹² Dedicated Acres		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.

	GEODETTIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 554,452.7 X= 703,122.4 LAT.= 32.522573°N LONG.= 103.674330°W LAST TAKE POINT NAD 27 NME Y= 554,658.3 X= 702,869.0 LAT.= 32.523143°N LONG.= 103.675148°W	GEODETTIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 554,514.0 X= 744,303.1 LAT.= 32.522694°N LONG.= 103.674823°W LAST TAKE POINT NAD 83 NME Y= 554,718.6 X= 744,049.7 LAT.= 32.523264°N LONG.= 103.675641°W	¹⁷ OPERATOR CERTIFICATION 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. Signature _____ Date _____ Printed Name _____ E-mail Address _____
	CORNER COORDINATES TABLE NAD 27 NME A - Y= 564,886.6 N, X= 702,435.9 E B - Y= 564,889.6 N, X= 703,758.5 E C - Y= 562,245.6 N, X= 702,453.7 E D - Y= 562,252.4 N, X= 703,778.0 E E - Y= 559,604.5 N, X= 702,471.3 E F - Y= 559,611.7 N, X= 703,793.7 E G - Y= 556,965.1 N, X= 702,469.0 E H - Y= 558,972.4 N, X= 703,811.1 E I - Y= 554,324.2 N, X= 702,506.2 E J - Y= 554,331.7 N, X= 703,828.4 E		
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	LAST TAKE POINT NAD 27 NME Y= 564,556.2 X= 702,803.2 LAT.= 32.550350°N LONG.= 103.675163°W BOTTOM HOLE LOCATION NAD 27 NME Y= 564,558.2 X= 702,803.2 LAT.= 32.550356°N LONG.= 103.675163°W		
¹⁸ SURVEYOR CERTIFICATION 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. Date of Survey 04-25-2018 Signature and Seal of Professional Surveyor: MARK DILLON HARP 23786 Certificate Number RR/AW 2018020528			

ATTACHMENT E

Ascent Energy, LLC

Case No. Exhibit

Gavilon FED COM 201H
C-102 Well Plat

Sept 10, 2018

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 Bravo Road, Artesia, NM 88210
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

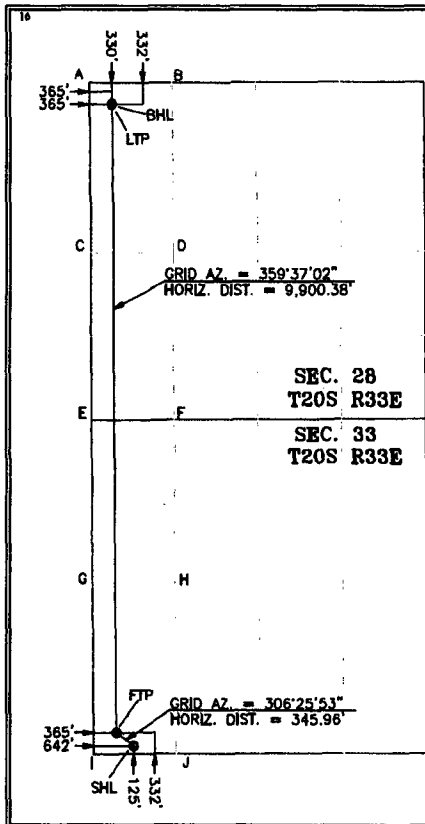
State of New Mexico
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OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
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Submit one copy to appropriate
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code		³ Pool Name	
⁴ Property Code		⁵ Property Name GAVILON FED COM			⁶ Well Number 303H
⁷ OGRID No. 325830		⁸ Operator Name ASCENT ENERGY			⁹ Elevation 3,657'
¹⁰ Surface Location					
U/L or lot no. M	Section 33	Township 20 S	Range 33 E	Lot Idn 125	Feet from the North/South line SOUTH 642
		East/West line WEST		County LEA	
¹¹ Bottom Hole Location If Different From Surface					
U/L or lot no. D	Section 28	Township 20 S	Range 33 E	Lot Idn 330	Feet from the North/South line NORTH 365
		East/West line WEST		County LEA	
¹² Dedicated Acres		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.



GEODETIC COORDINATES
NAD 27 NME
SURFACE LOCATION
Y= 554,452.8
X= 703,147.4
LAT.= 32.522573°N
LONG.= 103.674249°W

GEODETIC COORDINATES
NAD 83 NME
SURFACE LOCATION
Y= 554,514.1
X= 744,328.1
LAT.= 32.522694°N
LONG.= 103.674742°W

FIRST TAKE POINT
NAD 27 NME
Y= 554,658.3
X= 702,869.0
LAT.= 32.523143°N
LONG.= 103.675148°W

FIRST TAKE POINT
NAD 83 NME
Y= 554,719.6
X= 744,049.7
LAT.= 32.523264°N
LONG.= 103.675641°W

CORNER COORDINATES TABLE

NAD 27 NME

A	Y= 564,886.6 N, X= 702,435.9 E
B	Y= 564,889.6 N, X= 703,758.5 E
C	Y= 562,245.6 N, X= 702,453.7 E
D	Y= 562,252.4 N, X= 703,776.0 E
E	Y= 559,604.5 N, X= 702,471.5 E
F	Y= 559,611.7 N, X= 703,793.7 E
G	Y= 556,965.1 N, X= 702,489.0 E
H	Y= 556,972.4 N, X= 703,811.1 E
I	Y= 554,324.2 N, X= 702,506.2 E
J	Y= 554,331.7 N, X= 703,828.4 E

CORNER COORDINATES TABLE

NAD 83 NME

A	Y= 564,948.1 N, X= 743,616.3 E
B	Y= 564,954.1 N, X= 744,938.9 E
C	Y= 562,307.0 N, X= 743,634.1 E
D	Y= 562,313.8 N, X= 744,956.5 E
E	Y= 559,665.9 N, X= 743,652.0 E
F	Y= 559,673.1 N, X= 744,974.2 E
G	Y= 557,026.4 N, X= 743,669.6 E
H	Y= 557,033.7 N, X= 744,991.7 E
I	Y= 554,385.5 N, X= 743,686.9 E
J	Y= 554,393.0 N, X= 745,009.1 E

LAST TAKE POINT
NAD 27 NME
Y= 564,556.2
X= 702,803.2
LAT.= 32.550350°N
LONG.= 103.675163°W

LAST TAKE POINT
NAD 83 NME
Y= 564,617.7
X= 743,983.6
LAT.= 32.550471°N
LONG.= 103.675658°W

BOTTOM HOLE LOCATION

NAD 27 NME
Y= 564,556.2
X= 702,803.2
LAT.= 32.550356°N
LONG.= 103.675163°W

BOTTOM HOLE LOCATION

NAD 83 NME
Y= 564,619.7
X= 743,983.6
LAT.= 32.550476°N
LONG.= 103.675658°W

¹⁷ OPERATOR CERTIFICATION

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 an undivided 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.

Signature _____ Date _____
Printed Name _____
E-mail Address _____

¹⁸ SURVEYOR CERTIFICATION

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.

04-25-2018

Date of Survey

Signature and Seal of
Professional Surveyor:

MARK DILLON HARP 23786
Certificate Number



Ascent Energy, LLC	
Case No.	Exhibit
Gavilon FED COM 303H C-102 Well Plat	
Sept 10, 2018	

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 Road, Aztec, NM 87410
Phone: (505) 334-6179 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
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

¹ API Number	² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name GAVILON FED COM	
⁷ OGRID No. 325830	⁸ Operator Name ASCENT ENERGY	⁶ Well Number 304H ⁹ Elevation 3,661'

¹⁰ Surface Location

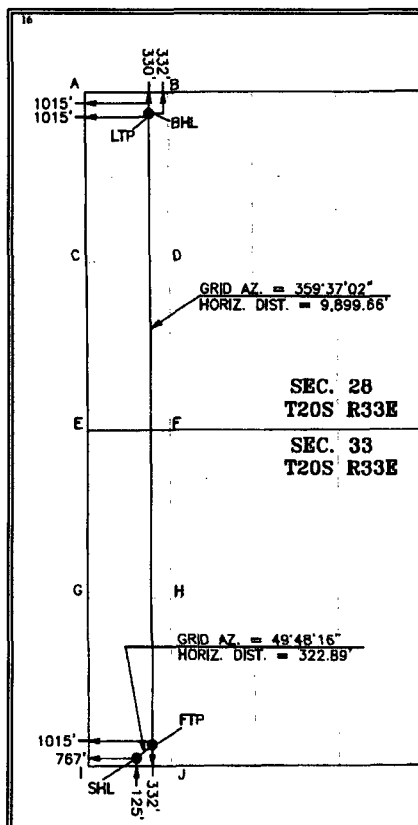
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	33	20 S	33 E		125	SOUTH	767	WEST	LEA

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
D	28	20 S	33 E		330	NORTH	1,015	WEST	LEA

¹² Dedicated Acres	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.



GEODETIC COORDINATES
NAD 27 NME
SURFACE LOCATION
Y= 554,453.6
X= 703,272.4
LAT= 32.522573°N
LONG= 103.673843°W
FIRST TAKE POINT
NAD 27 NME
Y= 554,682.0
X= 703,519.0
LAT= 32.523142°N
LONG= 103.673039°W
NAD 83 NME
SURFACE LOCATION
Y= 554,514.9
X= 744,453.1
LAT= 32.522694°N
LONG= 103.674337°W
FIRST TAKE POINT
NAD 83 NME
Y= 554,723.3
X= 744,699.7
LAT= 32.523263°N
LONG= 103.673533°W

CORNER COORDINATES TABLE

NAD 27 NME
A - Y= 564,886.8 N, X= 702,435.9 E
B - Y= 564,889.8 N, X= 703,758.5 E
C - Y= 562,245.8 N, X= 702,453.7 E
D - Y= 562,252.4 N, X= 703,778.0 E
E - Y= 559,604.5 N, X= 702,471.5 E
F - Y= 558,611.7 N, X= 703,793.7 E
G - Y= 558,965.1 N, X= 702,489.0 E
H - Y= 558,972.4 N, X= 703,811.1 E
I - Y= 554,324.2 N, X= 702,506.2 E
J - Y= 554,331.7 N, X= 703,828.4 E

CORNER COORDINATES TABLE

NAD 83 NME
A - Y= 564,948.1 N, X= 743,616.3 E
B - Y= 564,954.1 N, X= 744,938.9 E
C - Y= 562,307.0 N, X= 743,634.1 E
D - Y= 562,313.8 N, X= 744,956.5 E
E - Y= 559,665.9 N, X= 743,652.0 E
F - Y= 558,673.1 N, X= 744,974.2 E
G - Y= 557,026.4 N, X= 743,669.6 E
H - Y= 557,033.7 N, X= 744,991.7 E
I - Y= 554,385.5 N, X= 743,686.9 E
J - Y= 554,393.0 N, X= 745,009.1 E

LAST TAKE POINT
NAD 27 NME
Y= 564,559.2
X= 703,453.2
LAT= 32.550347°N
LONG= 103.673053°W
LAST TAKE POINT
NAD 83 NME
Y= 564,620.7
X= 744,633.6
LAT= 32.550468°N
LONG= 103.673548°W
BOTTOM HOLE LOCATION
NAD 27 NME
Y= 564,561.2
X= 703,453.1
LAT= 32.550353°N
LONG= 103.673054°W
BOTTOM HOLE LOCATION
NAD 83 NME
Y= 564,622.7
X= 744,633.5
LAT= 32.550473°N
LONG= 103.673548°W

¹⁷ OPERATOR CERTIFICATION

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 undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well in 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.

Signature _____ Date _____

Printed Name _____

E-mail Address _____

¹⁸ SURVEYOR CERTIFICATION

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.

04-25-2018

Date of Survey

Signature and Seal of
Professional Surveyor:

MARK DILLON HARP 23786

Certificate Number



RR/AW

2018010123

Ascent Energy, LLC

Case No. _____ Exhibit _____

Gavilon FED COM 304H
C-102 Well Plat

Sept 10, 2018

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 Road, Arice, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1230 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

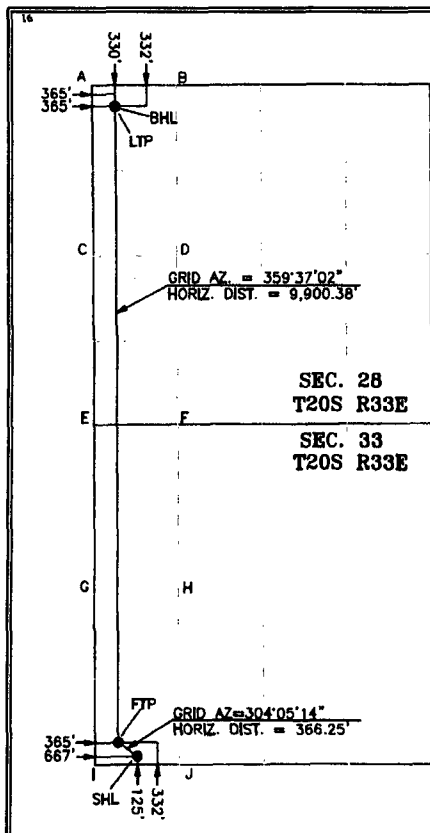
State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ APT Number		² Pool Code		³ Pool Name	
⁴ Property Code		⁵ Property Name GAVILON FED COM			⁶ Well Number 401H
⁷ OGRID No. 325830		⁸ Operator Name ASCENT ENERGY			⁹ Elevation 3,658'
¹⁰ Surface Location					
U/L or lot no. M	Section 33	Township 20 S	Range 33 E	Lot Idn 125	Feet from the North/South line SOUTH 667
				East/West line WEST	County LEA
¹¹ Bottom Hole Location If Different From Surface					
U/L or lot no. D	Section 28	Township 20 S	Range 33 E	Lot Idn 330	Feet from the North/South line NORTH 365
				East/West line WEST	County LEA
¹² Dedicated Acres		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.



GEODETIC COORDINATES
NAD 27 NME
SURFACE LOCATION
Y= 554,453.0
X= 703,172.3
LAT.= 32.522573°N
LONG.= 103.674168°W
FIRST TAKE POINT
NAD 27 NME
Y= 554,658.3
X= 702,869.0
LAT.= 32.523143°N
LONG.= 103.675148°W
GEODETIC COORDINATES
NAD 83 NME
SURFACE LOCATION
Y= 554,514.3
X= 744,353.0
LAT.= 32.522694°N
LONG.= 103.674661°W
FIRST TAKE POINT
NAD 83 NME
Y= 554,719.6
X= 744,049.7
LAT.= 32.523264°N
LONG.= 103.675641°W

CORNER COORDINATES TABLE
NAD 27 NME
A - Y= 564,886.6 N, X= 702,435.9 E
B - Y= 564,889.6 N, X= 703,758.5 E
C - Y= 562,245.6 N, X= 702,453.7 E
D - Y= 562,252.4 N, X= 703,776.0 E
E - Y= 559,604.5 N, X= 702,471.5 E
F - Y= 559,611.7 N, X= 703,793.7 E
G - Y= 556,985.1 N, X= 702,489.0 E
H - Y= 556,972.4 N, X= 703,811.1 E
I - Y= 554,324.2 N, X= 702,506.2 E
J - Y= 554,331.7 N, X= 703,828.4 E

CORNER COORDINATES TABLE
NAD 83 NME
A - Y= 564,948.1 N, X= 743,616.3 E
B - Y= 564,954.1 N, X= 744,938.9 E
C - Y= 562,307.0 N, X= 743,634.1 E
D - Y= 562,313.8 N, X= 744,956.5 E
E - Y= 559,665.9 N, X= 743,652.0 E
F - Y= 559,673.1 N, X= 744,974.2 E
G - Y= 557,026.4 N, X= 743,669.6 E
H - Y= 557,033.7 N, X= 744,991.7 E
I - Y= 554,385.5 N, X= 743,686.9 E
J - Y= 554,393.0 N, X= 745,008.1 E

LAST TAKE POINT
NAD 27 NME
Y= 564,556.2
X= 702,803.2
LAT.= 32.550350°N
LONG.= 103.675163°W
LAST TAKE POINT
NAD 83 NME
Y= 564,617.7
X= 743,983.6
LAT.= 32.550471°N
LONG.= 103.675658°W
BOTTOM HOLE LOCATION
NAD 27 NME
Y= 564,558.2
X= 702,803.2
LAT.= 32.550356°N
LONG.= 103.675163°W
BOTTOM HOLE LOCATION
NAD 83 NME
Y= 564,619.7
X= 743,983.6
LAT.= 32.550476°N
LONG.= 103.675658°W

17 OPERATOR CERTIFICATION

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.

Signature _____ Date _____
Printed Name _____
E-mail Address _____

18 SURVEYOR CERTIFICATION

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.

04-25-2018

Date of Survey

Signature and Seal of
Professional Surveyor:



MARK DILLON HARP 23786
Certificate Number

RR/AW

2018020532

Ascent Energy, LLC

Case No. _____ Exhibit _____

Gavilon FED COM 401H
C-102 Well Plat

Sept 10, 2018

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
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District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 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

¹ API Number		² Pool Code		³ Pool Name	
⁴ Property Code		⁵ Property Name GAVILON FED COM			⁶ Well Number 503H
⁷ OGRID No. 325830		⁸ Operator Name ASCENT ENERGY			⁹ Elevation 3,660'
¹⁰ Surface Location					
UL or lot no. M	Section 33	Township 20 S	Range 33 E	Lot Idn 125	Feet from the 125
		North/South line SOUTH		Feet from the 742	East/West line WEST
				County LEA	
¹¹ Bottom Hole Location If Different From Surface					
UL or lot no. D	Section 28	Township 20 S	Range 33 E	Lot Idn 100	Feet from the 100
		North/South line NORTH		Feet from the 330	East/West line WEST
				County LEA	
¹² Dedicated Acres		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.

	GEODEIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 554,453.4 X= 703,247.4 LAT= 32.522573°N LONG= 103.673924°W FIRST TAKE POINT NAD 27 NME Y= 554,426.1 X= 702,835.5 LAT= 32.522505°N LONG= 103.675261°W LAST TAKE POINT/ BOTTOM HOLE LOCATION NAD 27 NME Y= 564,788.1 X= 702,766.6 LAT= 32.550988°N LONG= 103.675277°W	GEODEIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 554,514.7 X= 744,428.1 LAT= 32.522894°N LONG= 103.674418°W FIRST TAKE POINT NAD 83 NME Y= 554,487.4 X= 744,016.2 LAT= 32.522626°N LONG= 103.675755°W LAST TAKE POINT/ BOTTOM HOLE LOCATION NAD 83 NME Y= 564,849.6 X= 743,947.0 LAT= 32.551108°N LONG= 103.675772°W	¹⁷ OPERATOR CERTIFICATION 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 undivided 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 is a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: _____ Date: _____ Printed Name: _____ E-mail Address: _____
	CORNER COORDINATES TABLE NAD 27 NME A - Y= 564,886.5 N, X= 702,435.9 E B - Y= 564,889.6 N, X= 703,758.5 E C - Y= 562,245.6 N, X= 702,453.7 E D - Y= 562,252.4 N, X= 703,776.0 E E - Y= 559,804.5 N, X= 702,471.5 E F - Y= 559,611.7 N, X= 703,793.7 E G - Y= 556,965.1 N, X= 702,489.0 E H - Y= 556,972.4 N, X= 703,811.1 E I - Y= 554,324.2 N, X= 702,506.2 E J - Y= 554,331.7 N, X= 703,828.4 E	CORNER COORDINATES TABLE NAD 83 NME A - Y= 564,948.1 N, X= 743,616.3 E B - Y= 564,954.1 N, X= 744,938.9 E C - Y= 562,307.0 N, X= 743,634.1 E D - Y= 562,313.8 N, X= 744,956.5 E E - Y= 559,665.9 N, X= 743,652.0 E F - Y= 559,673.1 N, X= 744,974.2 E G - Y= 557,026.4 N, X= 743,669.6 E H - Y= 557,033.7 N, X= 744,991.7 E I - Y= 554,385.5 N, X= 743,686.9 E J - Y= 554,393.0 N, X= 745,009.1 E	¹⁸ SURVEYOR CERTIFICATION 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. 08-16-2018 Date of Survey Signature and Seal of Professional Surveyor: _____ PRELIMINARY. THIS DOCUMENT SHALL NOT BE REPRODUCED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR FILED UPON AS A FINAL SURVEY DOCUMENT. MARK DILLON HARP 33766 Certificate Number: _____ AW 2018010120

Ascent Energy, LLC	
Case No.	Exhibit
Gavilon FED COM 503H Revised C-102 Well Plat	
Sept 12, 2018	

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
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Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
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

¹ API Number		² Pool Code		³ Pool Name	
⁴ Property Code		⁵ Property Name GAVILON FED COM			
⁷ OGRID No. 325830		⁸ Operator Name ASCENT ENERGY			
⁶ Well Number 504H					
⁹ Elevation 3,661'					
¹⁰ Surface Location					
UL or lot no. M	Section 33	Township 20 S	Range 33 E	Lot Idn	Feet from the 125
				North/South line SOUTH	Feet from the 817
				East/West line WEST	County LEA
¹¹ Bottom Hole Location If Different From Surface					
UL or lot no. D	Section 28	Township 20 S	Range 33 E	Lot Idn	Feet from the 100
				North/South line NORTH	Feet from the 1,254
				East/West line WEST	County LEA
¹² Dedicated Acres		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>16</p> <p>GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 554,453.9 X= 703,322.4 LAT.= 32.522573°N LONG.= 103.673681°W</p> <p>FIRST TAKE POINT NAD 27 NME Y= 554,431.3 X= 703,759.5 LAT.= 32.522504°N LONG.= 103.672263°W</p> <p>LAST TAKE POINT/ BOTTOM HOLE LOCATION NAD 27 NME Y= 564,792.3 X= 703,690.6 LAT.= 32.550984°N LONG.= 103.672278°W</p>	<p>GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 554,515.2 X= 744,503.1 LAT.= 32.522694°N LONG.= 103.674175°W</p> <p>FIRST TAKE POINT NAD 83 NME Y= 554,492.6 X= 744,940.2 LAT.= 32.522625°N LONG.= 103.672757°W</p> <p>LAST TAKE POINT/ BOTTOM HOLE LOCATION NAD 83 NME Y= 564,853.8 X= 744,871.0 LAT.= 32.551104°N LONG.= 103.672773°W</p>	<p>17 OPERATOR CERTIFICATION 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>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p>
	<p>CORNER COORDINATES TABLE NAD 27 NME</p> <p>A - Y= 564,886.8 N, X= 702,435.9 E B - Y= 564,889.8 N, X= 703,758.5 E C - Y= 562,245.6 N, X= 702,453.7 E D - Y= 562,252.4 N, X= 703,776.0 E E - Y= 559,604.5 N, X= 702,471.5 E F - Y= 559,611.7 N, X= 703,793.7 E G - Y= 556,965.1 N, X= 702,489.0 E H - Y= 556,972.4 N, X= 703,811.1 E I - Y= 554,324.2 N, X= 702,506.2 E J - Y= 554,331.7 N, X= 703,828.4 E</p>	<p>CORNER COORDINATES TABLE NAD 83 NME</p> <p>A - Y= 564,948.1 N, X= 743,616.3 E B - Y= 564,954.1 N, X= 744,938.9 E C - Y= 562,307.0 N, X= 743,634.1 E D - Y= 562,313.8 N, X= 744,956.5 E E - Y= 559,665.9 N, X= 743,852.0 E F - Y= 559,673.1 N, X= 744,974.2 E G - Y= 557,026.4 N, X= 743,669.6 E H - Y= 557,033.7 N, X= 744,991.7 E I - Y= 554,385.5 N, X= 743,686.9 E J - Y= 554,393.0 N, X= 745,009.1 E</p>	<p>18 SURVEYOR CERTIFICATION 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>08-16-2018 Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor: _____</p> <p>PROBATIONARY: THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELED UPON AS A FINAL SURVEY DOCUMENT</p> <p>MARK DILLON HARP 23780 Certificate Number _____ AW 2018010121</p>

Ascent Energy, LLC	
Case No.	Exhibit
Gavilon FED COM 504H Revised C-102 Well Plat	
Sept 12, 2018	

District I
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Phone: (575) 393-6161 Fax: (575) 393-0720

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District III
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Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
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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

¹ API Number	² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name GAVILON FED COM	⁶ Well Number 602H
⁷ OGRID No. 325830	⁸ Operator Name ASCENT ENERGY	⁹ Elevation 3.659'

¹⁰ Surface Location

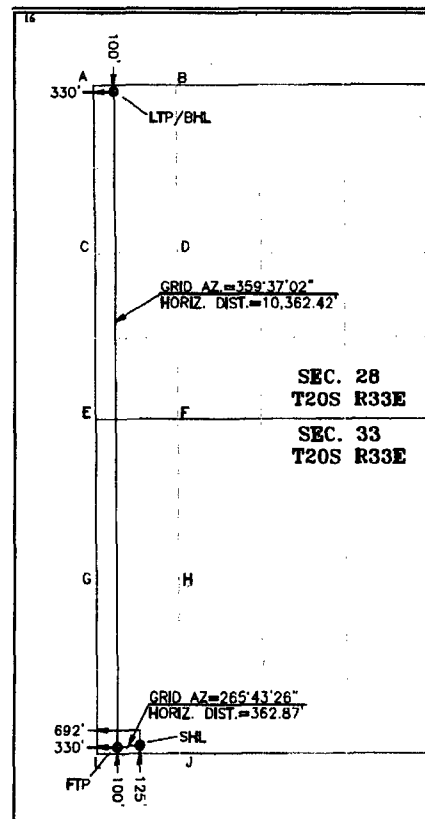
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	33	20 S	33 E		125	SOUTH	692	WEST	LEA

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
D	28	20 S	33 E		100	NORTH	330	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.



GEODETIC COORDINATES
NAD 27 NME
SURFACE LOCATION
Y= 554,453.2
X= 703,197.4
LAT.= 32.522574°N
LONG.= 103.674086°W

FIRST TAKE POINT
NAD 27 NME
Y= 554,426.1
X= 702,835.5
LAT.= 32.522505°N
LONG.= 103.675261°W

**LAST TAKE POINT/
BOTTOM HOLE LOCATION**
NAD 27 NME
Y= 564,788.1
X= 702,766.6
LAT.= 32.550988°N
LONG.= 103.675277°W

GEODETIC COORDINATES
NAD 83 NME
SURFACE LOCATION
Y= 554,514.5
X= 744,378.1
LAT.= 32.522694°N
LONG.= 103.674580°W

FIRST TAKE POINT
NAD 83 NME
Y= 554,487.4
X= 744,016.2
LAT.= 32.522626°N
LONG.= 103.675755°W

**LAST TAKE POINT/
BOTTOM HOLE LOCATION**
NAD 83 NME
Y= 564,849.6
X= 743,947.0
LAT.= 32.551109°N
LONG.= 103.675772°W

CORNER COORDINATES TABLE

NAD 27 NME
A - Y= 564,888.6 N, X= 702,435.9 E
B - Y= 564,889.6 N, X= 703,758.5 E
C - Y= 562,245.6 N, X= 702,453.7 E
D - Y= 562,252.4 N, X= 703,776.0 E
E - Y= 559,604.5 N, X= 702,471.5 E
F - Y= 559,611.7 N, X= 703,793.7 E
G - Y= 556,965.1 N, X= 702,489.0 E
H - Y= 556,972.4 N, X= 703,811.1 E
I - Y= 554,324.2 N, X= 702,506.2 E
J - Y= 554,331.7 N, X= 703,828.4 E

CORNER COORDINATES TABLE

NAD 83 NME
A - Y= 564,948.1 N, X= 743,616.3 E
B - Y= 564,954.1 N, X= 744,938.9 E
C - Y= 562,307.0 N, X= 743,634.1 E
D - Y= 562,313.8 N, X= 744,956.5 E
E - Y= 559,665.9 N, X= 743,652.0 E
F - Y= 559,673.1 N, X= 744,974.2 E
G - Y= 557,026.4 N, X= 743,669.6 E
H - Y= 557,033.7 N, X= 744,991.7 E
I - Y= 554,385.5 N, X= 743,686.9 E
J - Y= 554,393.0 N, X= 745,009.1 E

17 OPERATOR CERTIFICATION

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 undivided 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.

Signature _____ Date _____

Printed Name _____

E-mail Address _____

18 SURVEYOR CERTIFICATION

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.

08-16-2018

Date of Survey

Signature and Seal of
Professional Surveyor:

LEGENDARY: THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR MISSED OR RELIED UPON AS A FINAL SURVEY DOCUMENT

MARK DILLON HARP 23786

Certificate Number

AW

2018010119

Ascent Energy, LLC



Case No. _____ Exhibit _____

Gavilon FED COM 602H
Revised C-102 Well Plat

Sept 12, 2018

Summary of Communications

Marathon Oil Permian LLC

- 3/22/2018 – Ascent emailed a Lease Exchange Non-Binding Letter of Intent to acquire Marathon's interest under the Gavilon Development Area.
- 3/28/2018 – Ascent emailed and sent well proposals for the Gavilon Fed Com #201H, Gavilon Fed Com #303H, Gavilon Fed Com #304H, Gavilon Fed Com #401H, Gavilon Fed Com #503H, Gavilon Fed Com #504H, Gavilon Fed Com #602H, Gavilon Fed Com #703H, Gavilon Fed Com #704H, including a draft Operating Agreement.
- 4/23/2018 – Ascent initiated the meeting with Marathon in their office to discuss the Gavilon well proposal and lease exchange.
- 5/16/2018 – Ascent filed for compulsory pooling for a hearing date of June 28, 2018.
- 6/5/2018 – Ascent emailed correction letter for the Gavilon Wells correcting the legal description in the subject line of the well proposals.

XTO Holdings LLC

- 3/28/2018 – Ascent emailed and sent well proposals for the Gavilon Fed Com #201H, Gavilon Fed Com #303H, Gavilon Fed Com #304H, Gavilon Fed Com #401H, Gavilon Fed Com #503H, Gavilon Fed Com #504H, Gavilon Fed Com #602H, Gavilon Fed Com #703H, Gavilon Fed Com #704H, including a draft Operating Agreement.
- 5/16/2018 – Ascent filed for compulsory pooling for a hearing date of June 28, 2018
- 6/5/2018 – Ascent emailed correction letter for the Gavilon Wells correcting the legal description in the subject line of the well proposals.
- 6/21/2018 – Ascent received XTO's Election to Participate and signed AFEs in the Gavilon Fed Com #201H, 303H, 304H, 401H, 602H and 704H. XTO elected not to participate in the Gavilon Fed Com #703H

ATTACHMENT

F

Ascent Energy, LLC



Exhibit

Summary of Communications

Case No.

Summary of Communications

Camterra Resources Partners, Ltd.


- 3/22/2018 – Ascent initiated contact with Camterra to discuss acquiring their interest in the Gavilon DA.
- 4/3/2018 – Ascent emailed and sent well proposals for the Gavilon Fed Com #201H, Gavilon Fed Com #303H, Gavilon Fed Com #304H, Gavilon Fed Com #401H, Gavilon Fed Com #503H, Gavilon Fed Com #504H, Gavilon Fed Com #602H, Gavilon Fed Com #703H, Gavilon Fed Com #704H, including a draft Operating Agreement.
- 4/18/2018 – Ascent emailed a full copy of the JOA, including exhibits, at the request of Camterra.
- 4/30/2018 – Ascent received Camterra's comments on the JOA.
- 5/16/2018 – Ascent filed for compulsory pooling for a hearing date of June 28, 2018
- 6/5/2018 – Emailed correction letter for the Gavilon Wells correcting the legal description in the subject line of the well proposals.

COG Operating LLC

- 3/28/2018 - Emailed and sent well proposals for the Gavilon Fed Com #201H, Gavilon Fed Com #303H, Gavilon Fed Com #304H, Gavilon Fed Com #401H, Gavilon Fed Com #503H, Gavilon Fed Com #504H, Gavilon Fed Com #602H, Gavilon Fed Com #703H, Gavilon Fed Com #704H, including a draft Operating Agreement.
- 5/16/2018 – Ascent filed for compulsory pooling for a hearing date of June 28, 2018
- 6/5/2018 – Emailed correction letter for the Gavilon Wells correcting the legal description in the subject line of the well proposals.

John Benedict

- 4/3/2018 – Ascent sent well proposals for the Gavilon Fed Com #201H, Gavilon Fed Com #303H, Gavilon Fed Com #304H, Gavilon Fed Com #401H, Gavilon Fed Com #503H, Gavilon Fed Com #504H, Gavilon Fed Com #602H, Gavilon Fed Com #703H, Gavilon Fed Com #704H.
- 4/10/2018 – Lee Zink called and left my contact info with the answering party
- 5/16/2018 – Ascent filed for compulsory pooling for a hearing date of June 28, 2018
- 6/5/2018 – Ascent sent correction letter for the Gavilon Wells correcting the legal description in the subject line of the well proposals.

Ascent Energy, LLC	
Exhibit	
Summary of Communications	
Case No.	



April 2, 2018

Camterra Resources Partners, Ltd.
2615 East End Boulevard South
Marshall, Texas
Attn: Land Department

RE: Gavilon Fed Com #201H
T20S-R30E
Sec. 33: W2W2
Sec. 28: W2W2
320 Gross Acres, more or less
Lea County, New Mexico

Dear Working Interest Owner:

Ascent Energy, LLC ("Ascent") hereby proposes the drilling, completing and equipping the Gavilon Fed Com #201H (the "Well") to test the Bone Spring formation at a total vertical depth of 8,730' and a total measured depth of 18,900 ("Operation"). The estimated cost associated with the Operation is \$8,373,062, as outlined in the enclosed Authority for Expenditure dated March 28, 2018. Ascent's records indicate that Camterra Resources Partners, Ltd. ("Camterra") owns a 4.17% working interest in the Well, and Camterra's estimated costs associated with this Operation is approximately \$349,156.

The proposed surface location of the Well is 125' FSL & 617' FWL of Section 33, Township 20 South, Range 33 East with a proposed bottom hole location 330' FNL & 365' FWL of Section 28 Township 20 South, Range 33 East. Ascent reserves the right to modify the locations and drilling plans described above in order to address topography, cultural or environmental concerns, among other reasons. Ascent will advise you of any such modifications.

In addition, Ascent proposes the Operation under the terms of a modified 2015 Horizontal AAPL Form 610 Operating Agreement ("OA") with the following basic terms.

- Contract Area:
Township 20 South, Range 33 East
Section 33: W2W2
Section 28: W2W2
- Ascent named as Operator
- 100%/300%/300% non-consent penalties
- \$7,000.00/\$700.00 drilling and producing overhead rates

Please indicate your election in the Operation and return a signed copy within thirty (30) days of receipt of this notice to Ascent. If Camterra is interested in selling its interest in the Contract Area, please contact the undersigned at your earliest convenience.

Ascent looks forward to working with Camterra on this matter and may file for compulsory pooling in the near future to pool any uncommitted working interest owners. If you have any questions or concerns, please do not hesitate to contact the undersigned at (720) 710-8923 or lzink@ascentenergy.us.

Very Truly Yours,



Lee Zink
Land Manager
Ascent Energy, LLC
1621 18th Street, Suite 200
Denver, CO 80202

Enclosure(s): Gavilon Fed Com #201H AFE
Draft 2015 Horizontal AAPL Form 610 Operating Agreement (email only)

____ Camterra Resources Partners, Ltd. hereby elects to participate in the proposed Operation by paying its proportionate share of the costs outlined on the Gavilon Fed Com #201H AFE.

____ Camterra Resources Partners, Ltd. hereby elects not to participate in the proposed Operation.

Working Interest Owner:

Camterra Resources Partners, Ltd.

By: _____

Title: _____

Date: _____



April 2, 2018

Camterra Resources Partners, Ltd.
2615 East End Boulevard South
Marshall, Texas
Attn: Land Department

RE: Gavilon Fed Com #303H
T20S-R30E
Sec. 33: W2W2
Sec. 28: W2W2
320 Gross Acres, more or less
Lea County, New Mexico

Dear Working Interest Owner:

Ascent Energy, LLC ("Ascent") hereby proposes the drilling, completing and equipping the Gavilon Fed Com #303H (the "Well") to test the Bone Spring formation at a total vertical depth of 8,860' and a total measured depth of 19,030' ("Operation"). The estimated cost associated with the Operation is \$8,373,062, as outlined in the enclosed Authority for Expenditure dated March 28, 2018. Ascent's records indicate that Camterra Resources Partners, Ltd. ("Camterra") owns a 4.17% working interest in the Well, and Camterra's estimated costs associated with this Operation is approximately \$349,156.

The proposed surface location of the Well is 125' FSL & 767' FWL of Section 33, Township 20 South, Range 33 East with a proposed bottom hole location 330' FNL & 365' FWL of Section 28 Township 20 South, Range 33 East. Ascent reserves the right to modify the locations and drilling plans described above in order to address topography, cultural or environmental concerns, among other reasons. Ascent will advise you of any such modifications.

In addition, Ascent proposes the Operation under the terms of a modified 2015 Horizontal AAPL Form 610 Operating Agreement ("OA") with the following basic terms.

- Contract Area:
Township 20 South, Range 33 East
Section 33: W2W2
Section 28: W2W2
- Ascent named as Operator
- 100%/300%/300% non-consent penalties
- \$7,000.00/\$700.00 drilling and producing overhead rates

Please indicate your election in the Operation and return a signed copy within thirty (30) days of receipt of this notice to Ascent. If Camterra is interested in selling its interest in the Contract Area, please contact the undersigned at your earliest convenience.

Ascent looks forward to working with Camterra on this matter and may file for compulsory pooling in the near future to pool any uncommitted working interest owners. If you have any questions or concerns, please do not hesitate to contact the undersigned at (720) 710-8923 or lzink@ascentenergy.us.

Very Truly Yours,



Lee Zink
Land Manager
Ascent Energy, LLC
1621 18th Street, Suite 200
Denver, CO 80202

Enclosure(s): Gavilon Fed Com #303H AFE
Draft 2015 Horizontal AAPL Form 610 Operating Agreement (email only)

____ Camterra Resources Partners, Ltd. hereby elects to participate in the proposed Operation by paying its proportionate share of the costs outlined on the Gavilon Fed Com #303H AFE.

____ Camterra Resources Partners, Ltd. hereby elects not to participate in the proposed Operation.

Working Interest Owner:

Camterra Resources Partners, Ltd.

By: _____

Title: _____

Date: _____



April 2, 2018

Camterra Resources Partners, Ltd.
2615 East End Boulevard South
Marshall, Texas
Attn: Land Department

RE: Gavilon Fed Com #304H
T20S-R30E
Sec. 33: W2W2
Sec. 28: W2W2
320 Gross Acres, more or less
Lea County, New Mexico

Dear Working Interest Owner:

Ascent Energy, LLC ("Ascent") hereby proposes the drilling, completing and equipping the Gavilon Fed Com #304H (the "Well") to test the Bone Spring formation at a total vertical depth of 8,890' and a total measured depth of 19,060' ("Operation"). The estimated cost associated with the Operation is \$8,373,062, as outlined in the enclosed Authority for Expenditure dated March 28, 2018. Ascent's records indicate that Camterra Resources Partners, Ltd. ("Camterra") owns a 4.17% working interest in the Well, and Camterra's estimated costs associated with this Operation is approximately \$349,156.

The proposed surface location of the Well is 125' FSL & 792' FWL of Section 33, Township 20 South, Range 33 East with a proposed bottom hole location 330' FNL & 1,015' FWL of Section 28 Township 20 South, Range 33 East. Ascent reserves the right to modify the locations and drilling plans described above in order to address topography, cultural or environmental concerns, among other reasons. Ascent will advise you of any such modifications.

In addition, Ascent proposes the Operation under the terms of a modified 2015 Horizontal AAPL Form 610 Operating Agreement ("OA") with the following basic terms.

- Contract Area:
Township 20 South, Range 33 East
Section 33: W2W2
Section 28: W2W2
- Ascent named as Operator
- 100%/300%/300% non-consent penalties
- \$7,000.00/\$700.00 drilling and producing overhead rates

Please indicate your election in the Operation and return a signed copy within thirty (30) days of receipt of this notice to Ascent. If Camterra is interested in selling its interest in the Contract Area, please contact the undersigned at your earliest convenience.

Ascent looks forward to working with Camterra on this matter and may file for compulsory pooling in the near future to pool any uncommitted working interest owners. If you have any questions or concerns, please do not hesitate to contact the undersigned at (720) 710-8923 or lzink@ascentenergy.us.

Very Truly Yours,



Lee Zink
Land Manager
Ascent Energy, LLC
1621 18th Street, Suite 200
Denver, CO 80202

Enclosure(s): Gavilon Fed Com #304H AFE
Draft 2015 Horizontal AAPL Form 610 Operating Agreement (email only)

____ Camterra Resources Partners, Ltd. hereby elects to participate in the proposed Operation by paying its proportionate share of the costs outlined on the Gavilon Fed Com #304H AFE.

____ Camterra Resources Partners, Ltd. hereby elects not to participate in the proposed Operation.

Working Interest Owner:

Camterra Resources Partners, Ltd.

By: _____

Title: _____

Date: _____



April 2, 2018

Camterra Resources Partners, Ltd.
2615 East End Boulevard South
Marshall, Texas
Attn: Land Department

RE: Gavilon Fed Com #401H
T20S-R30E
Sec. 33: W2W2
Sec. 28: W2W2
320 Gross Acres, more or less
Lea County, New Mexico

Dear Working Interest Owner:

Ascent Energy, LLC ("Ascent") hereby proposes the drilling, completing and equipping the Gavilon Fed Com #401H (the "Well") to test the Bone Spring formation at a total vertical depth of 9,510' and a total measured depth of 19,680 ("Operation"). The estimated cost associated with the Operation is \$8,579,141, as outlined in the enclosed Authority for Expenditure dated March 28, 2018. Ascent's records indicate that Camterra Resources Partners, Ltd. ("Camterra") owns a 4.17% working interest in the Well, and Camterra's estimated costs associated with this Operation is approximately \$357,750.

The proposed surface location of the Well is 125' FSL & 817' FWL of Section 33, Township 20 South, Range 33 East with a proposed bottom hole location 330' FNL & 365' FWL of Section 28 Township 20 South, Range 33 East. Ascent reserves the right to modify the locations and drilling plans described above in order to address topography, cultural or environmental concerns, among other reasons. Ascent will advise you of any such modifications.

In addition, Ascent proposes the Operation under the terms of a modified 2015 Horizontal AAPL Form 610 Operating Agreement ("OA") with the following basic terms.

- Contract Area:
Township 20 South, Range 33 East
Section 33: W2W2
Section 28: W2W2
- Ascent named as Operator
- 100%/300%/300% non-consent penalties
- \$7,000.00/\$700.00 drilling and producing overhead rates

Please indicate your election in the Operation and return a signed copy within thirty (30) days of receipt of this notice to Ascent. If Camterra is interested in selling its interest in the Contract Area, please contact the undersigned at your earliest convenience.

Ascent looks forward to working with Camterra on this matter and may file for compulsory pooling in the near future to pool any uncommitted working interest owners. If you have any questions or concerns, please do not hesitate to contact the undersigned at (720) 710-8923 or lzink@ascentenergy.us.

Very Truly Yours,



Lee Zink
Land Manager
Ascent Energy, LLC
1621 18th Street, Suite 200
Denver, CO 80202

Enclosure(s): Gavilon Fed Com #401H AFE
Draft 2015 Horizontal AAPL Form 610 Operating Agreement (email only)

____ Camterra Resources Partners, Ltd. hereby elects to participate in the proposed Operation by paying its proportionate share of the costs outlined on the Gavilon Fed Com #401H AFE.

____ Camterra Resources Partners, Ltd. hereby elects not to participate in the proposed Operation.

Working Interest Owner:

Camterra Resources Partners, Ltd.

By: _____

Title: _____

Date: _____



April 2, 2018

Camterra Resources Partners, Ltd.
2615 East End Boulevard South
Marshall, Texas
Attn: Land Department

RE: Gavilon Fed Com #503H
T20S-R30E
Sec. 33: W2W2
Sec. 28: W2W2
320 Gross Acres, more or less
Lea County, New Mexico

Dear Working Interest Owner:

Ascent Energy, LLC ("Ascent") hereby proposes the drilling, completing and equipping the Gavilon Fed Com #503H (the "Well") to test the Bone Spring formation at a total vertical depth of 10,440' and a total measured depth of 20,610' ("Operation"). The estimated cost associated with the Operation is \$8,579,141, as outlined in the enclosed Authority for Expenditure dated March 28, 2018. Ascent's records indicate that Camterra Resources Partners, Ltd. ("Camterra") owns a 4.17% working interest in the Well, and Camterra's estimated costs associated with this Operation is approximately \$357,750.

The proposed surface location of the Well is 125' FSL & 717' FWL of Section 33, Township 20 South, Range 33 East with a proposed bottom hole location 330' FNL & 390' FWL of Section 28 Township 20 South, Range 33 East. Ascent reserves the right to modify the locations and drilling plans described above in order to address topography, cultural or environmental concerns, among other reasons. Ascent will advise you of any such modifications.

In addition, Ascent proposes the Operation under the terms of a modified 2015 Horizontal AAPL Form 610 Operating Agreement ("OA") with the following basic terms.

- Contract Area:
Township 20 South, Range 33 East
Section 33: W2W2
Section 28: W2W2
- Ascent named as Operator
- 100%/300%/300% non-consent penalties
- \$7,000.00/\$700.00 drilling and producing overhead rates

Please indicate your election in the Operation and return a signed copy within thirty (30) days of receipt of this notice to Ascent. If Camterra is interested in selling its interest in the Contract Area, please contact the undersigned at your earliest convenience.

Ascent looks forward to working with Camterra on this matter and may file for compulsory pooling in the near future to pool any uncommitted working interest owners. If you have any questions or concerns, please do not hesitate to contact the undersigned at (720) 710-8923 or lzink@ascentenergy.us.

Very Truly Yours,



Lee Zink
Land Manager
Ascent Energy, LLC
1621 18th Street, Suite 200
Denver, CO 80202

Enclosure(s): Gavilon Fed Com #503H AFE
Draft 2015 Horizontal AAPL Form 610 Operating Agreement (email only)

____ Camterra Resources Partners, Ltd. hereby elects to participate in the proposed Operation by paying its proportionate share of the costs outlined on the Gavilon Fed Com #503H AFE.

____ Camterra Resources Partners, Ltd. hereby elects not to participate in the proposed Operation.

Working Interest Owner:

Camterra Resources Partners, Ltd.

By: _____

Title: _____

Date: _____



April 2, 2018

Camterra Resources Partners, Ltd.
2615 East End Boulevard South
Marshall, Texas
Attn: Land Department

RE: Gavilon Fed Com #504H
T20S-R30E
Sec. 33: W2W2
Sec. 28: W2W2
320 Gross Acres, more or less
Lea County, New Mexico

Dear Working Interest Owner:

Ascent Energy, LLC ("Ascent") hereby proposes the drilling, completing and equipping the Gavilon Fed Com #504H (the "Well") to test the Bone Spring formation at a total vertical depth of 10,480' and a total measured depth of 20,650' ("Operation"). The estimated cost associated with the Operation is \$8,579,141, as outlined in the enclosed Authority for Expenditure dated March 28, 2018. Ascent's records indicate that Camterra Resources Partners, Ltd. ("Camterra") owns a 4.17% working interest in the Well, and Camterra's estimated costs associated with this Operation is approximately \$357,750.

The proposed surface location of the Well is 125' FSL & 742' FWL of Section 33, Township 20 South, Range 33 East with a proposed bottom hole location 330' FNL & 1290' FWL of Section 28 Township 20 South, Range 33 East. Ascent reserves the right to modify the locations and drilling plans described above in order to address topography, cultural or environmental concerns, among other reasons. Ascent will advise you of any such modifications.

In addition, Ascent proposes the Operation under the terms of a modified 2015 Horizontal AAPL Form 610 Operating Agreement ("OA") with the following basic terms.

- Contract Area:
Township 20 South, Range 33 East
Section 33: W2W2
Section 28: W2W2
- Ascent named as Operator
- 100%/300%/300% non-consent penalties
- \$7,000.00/\$700.00 drilling and producing overhead rates

Please indicate your election in the Operation and return a signed copy within thirty (30) days of receipt of this notice to Ascent. If Camterra is interested in selling its interest in the Contract Area, please contact the undersigned at your earliest convenience.

Ascent looks forward to working with Camterra on this matter and may file for compulsory pooling in the near future to pool any uncommitted working interest owners. If you have any questions or concerns, please do not hesitate to contact the undersigned at (720) 710-8923 or lzink@ascentenergy.us.

Very Truly Yours,



Lee Zink
Land Manager
Ascent Energy, LLC
1621 18th Street, Suite 200
Denver, CO 80202

Enclosure(s): Gavilon Fed Com #504H AFE
Draft 2015 Horizontal AAPL Form 610 Operating Agreement (email only)

____ Camterra Resources Partners, Ltd. hereby elects to participate in the proposed Operation by paying its proportionate share of the costs outlined on the Gavilon Fed Com #504H AFE.

____ Camterra Resources Partners, Ltd. hereby elects not to participate in the proposed Operation.

Working Interest Owner:

Camterra Resources Partners, Ltd.

By: _____

Title: _____

Date: _____



April 2, 2018

Camterra Resources Partners, Ltd.
2615 East End Boulevard South
Marshall, Texas
Attn: Land Department

RE: Gavilon Fed Com #602H
T20S-R30E
Sec. 33: W2W2
Sec. 28: W2W2
320 Gross Acres, more or less
Lea County, New Mexico

Dear Working Interest Owner:

Ascent Energy, LLC ("Ascent") hereby proposes the drilling, completing and equipping the Gavilon Fed Com #602H (the "Well") to test the Bone Spring formation at a total vertical depth of 11,300' and a total measured depth of 21,465' ("Operation"). The estimated cost associated with the Operation is \$8,710,141, as outlined in the enclosed Authority for Expenditure dated March 28, 2018. Ascent's records indicate that Camterra Resources Partners, Ltd. ("Camterra") owns a 4.17% working interest in the Well, and Camterra's estimated costs associated with this Operation is approximately \$363,213.

The proposed surface location of the Well is 125' FSL & 692' FWL of Section 33, Township 20 South, Range 33 East with a proposed bottom hole location 330' FNL & 365' FWL of Section 28 Township 20 South, Range 33 East. Ascent reserves the right to modify the locations and drilling plans described above in order to address topography, cultural or environmental concerns, among other reasons. Ascent will advise you of any such modifications.

In addition, Ascent proposes the Operation under the terms of a modified 2015 Horizontal AAPL Form 610 Operating Agreement ("OA") with the following basic terms.

- Contract Area:
Township 20 South, Range 33 East
Section 33: W2W2
Section 28: W2W2
- Ascent named as Operator
- 100%/300%/300% non-consent penalties
- \$7,000.00/\$700.00 drilling and producing overhead rates

Please indicate your election in the Operation and return a signed copy within thirty (30) days of receipt of this notice to Ascent. If Camterra is interested in selling its interest in the Contract Area, please contact the undersigned at your earliest convenience.

Ascent looks forward to working with Camterra on this matter and may file for compulsory pooling in the near future to pool any uncommitted working interest owners. If you have any questions or concerns, please do not hesitate to contact the undersigned at (720) 710-8923 or lzink@ascentenergy.us.

Very Truly Yours,



Lee Zink
Land Manager
Ascent Energy, LLC
1621 18th Street, Suite 200
Denver, CO 80202

Enclosure(s): Gavilon Fed Com #602H AFE
Draft 2015 Horizontal AAPL Form 610 Operating Agreement (email only)

____ Camterra Resources Partners, Ltd. hereby elects to participate in the proposed Operation by paying its proportionate share of the costs outlined on the Gavilon Fed Com #602H AFE.

____ Camterra Resources Partners, Ltd. hereby elects not to participate in the proposed Operation.

Working Interest Owner:

Camterra Resources Partners, Ltd.

By: _____

Title: _____

Date: _____



April 2, 2018

Camterra Resources Partners, Ltd.
2615 East End Boulevard South
Marshall, Texas
Attn: Land Department

RE: Gavilon Fed Com #703H
T20S-R30E
Sec. 33: W2W2
Sec. 28: W2W2
320 Gross Acres, more or less
Lea County, New Mexico

Dear Working Interest Owner:

Ascent Energy, LLC ("Ascent") hereby proposes the drilling, completing and equipping the Gavilon Fed Com #703H (the "Well") to test the Wolfcamp formation at a total vertical depth of 11,580' and a total measured depth of 21,750' ("Operation"). The estimated cost associated with the Operation is \$8,898,161, as outlined in the enclosed Authority for Expenditure dated March 28, 2018. Ascent's records indicate that Camterra Resources Partners, Ltd. ("Camterra") owns a 4.17% working interest in the Well, and Camterra's estimated costs associated with this Operation is approximately \$371,053.

The proposed surface location of the Well is 125' FSL & 642' FWL of Section 33, Township 20 South, Range 33 East with a proposed bottom hole location 330' FNL & 365' FWL of Section 28 Township 20 South, Range 33 East. Ascent reserves the right to modify the locations and drilling plans described above in order to address topography, cultural or environmental concerns, among other reasons. Ascent will advise you of any such modifications.

In addition, Ascent proposes the Operation under the terms of a modified 2015 Horizontal AAPL Form 610 Operating Agreement ("OA") with the following basic terms.

- Contract Area:
Township 20 South, Range 33 East
Section 33: W2W2
Section 28: W2W2
- Ascent named as Operator
- 100%/300%/300% non-consent penalties
- \$7,000.00/\$700.00 drilling and producing overhead rates

Please indicate your election in the Operation and return a signed copy within thirty (30) days of receipt of this notice to Ascent. If Camterra is interested in selling its interest in the Contract Area, please contact the undersigned at your earliest convenience.

Ascent looks forward to working with Camterra on this matter and may file for compulsory pooling in the near future to pool any uncommitted working interest owners. If you have any questions or concerns, please do not hesitate to contact the undersigned at (720) 710-8923 or lzink@ascentenergy.us.

Very Truly Yours,



Lee Zink
Land Manager
Ascent Energy, LLC
1621 18th Street, Suite 200
Denver, CO 80202

Enclosure(s): Gavilon Fed Com #703H AFE
Draft 2015 Horizontal AAPL Form 610 Operating Agreement (email only)

____ Camterra Resources Partners, Ltd. hereby elects to participate in the proposed Operation by paying its proportionate share of the costs outlined on the Gavilon Fed Com #703H AFE.

____ Camterra Resources Partners, Ltd. hereby elects not to participate in the proposed Operation.

Working Interest Owner:

Camterra Resources Partners, Ltd.

By: _____

Title: _____

Date: _____



April 2, 2018

Camterra Resources Partners, Ltd.
2615 East End Boulevard South
Marshall, Texas
Attn: Land Department

RE: Gavilon Fed Com #704H
T20S-R30E
Sec. 33: W2W2
Sec. 28: W2W2
320 Gross Acres, more or less
Lea County, New Mexico

Dear Working Interest Owner:

Ascent Energy, LLC ("Ascent") hereby proposes the drilling, completing and equipping the Gavilon Fed Com #704H (the "Well") to test the Wolfcamp formation at a total vertical depth of 11,430' and a total measured depth of 21,600' ("Operation"). The estimated cost associated with the Operation is \$8,898,161, as outlined in the enclosed Authority for Expenditure dated March 28, 2018. Ascent's records indicate that Camterra Resources Partners, Ltd. ("Camterra") owns a 4.17% working interest in the Well, and Camterra's estimated costs associated with this Operation is approximately \$371,053.

The proposed surface location of the Well is 125' FSL & 667' FWL of Section 33, Township 20 South, Range 33 East with a proposed bottom hole location 330' FNL & 1,030' FWL of Section 28 Township 20 South, Range 33 East. Ascent reserves the right to modify the locations and drilling plans described above in order to address topography, cultural or environmental concerns, among other reasons. Ascent will advise you of any such modifications.

In addition, Ascent proposes the Operation under the terms of a modified 2015 Horizontal AAPL Form 610 Operating Agreement ("OA") with the following basic terms.

- Contract Area:
Township 20 South, Range 33 East
Section 33: W2W2
Section 28: W2W2
- Ascent named as Operator
- 100%/300%/300% non-consent penalties
- \$7,000.00/\$700.00 drilling and producing overhead rates

Please indicate your election in the Operation and return a signed copy within thirty (30) days of receipt of this notice to Ascent. If Camterra is interested in selling its interest in the Contract Area, please contact the undersigned at your earliest convenience.

Ascent looks forward to working with Camterra on this matter and may file for compulsory pooling in the near future to pool any uncommitted working interest owners. If you have any questions or concerns, please do not hesitate to contact the undersigned at (720) 710-8923 or lzink@ascentenergy.us.

Very Truly Yours,



Lee Zink
Land Manager
Ascent Energy, LLC
1621 18th Street, Suite 200
Denver, CO 80202

Enclosure(s): Gavilon Fed Com #704H AFE
Draft 2015 Horizontal AAPL Form 610 Operating Agreement (email only)

____ Camterra Resources Partners, Ltd. hereby elects to participate in the proposed Operation by paying its proportionate share of the costs outlined on the Gavilon Fed Com #704H AFE.

____ Camterra Resources Partners, Ltd. hereby elects not to participate in the proposed Operation.

Working Interest Owner:

Camterra Resources Partners, Ltd.

By: _____

Title: _____

Date: _____



June 5, 2018

Camterra Resources Partners, Ltd.
2615 East End Boulevard South
Marshall, Texas
Attn: Land Department

RE: Correction Letter
Gavilon Development Area
T20S-R33E
Sec. 33: W2W2
Sec. 28: W2W2
320 Gross Acres, more or less
Lea County, New Mexico

Dear Working Interest Owner:

Reference is made to the Gavilon Fed Com #201H, Gavilon Fed Com #303H, Gavilon Fed Com #304H, Gavilon Fed Com #401H, Gavilon Fed Com #503H, Gavilon Fed Com #504H, Gavilon Fed Com #602H, Gavilon Fed Com #703H, and Gavilon Fed Com #704H well proposals dated April 2, 2018 by Ascent Energy, LLC ("Ascent") ("Original Proposals"). Ascent hereby revises the Original Proposals to correct the legal description in the subject line as follows:

The legal description in the subject line is hereby stricken and replaced with T20S-R33E.

All other terms and dates of the Original Proposals remain unchanged. If you have any questions or concerns, please do not hesitate to contact the undersigned at (720) 710-8923 or lzink@ascentenergy.us.

Very Truly Yours,

Lee Zink
Land Manager

Ascent Energy, LLC

ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE (AFE)

COST CENTER **Gavlin Fed Com #201H** BUD YEAR **2018** DATE **March 28, 2018**
 AFE NO. _____ CATEGORY **D&C** SUPPLEMENT NO. _____
 FIELD **Hat Mesa** REGION **Delaware Basin** LEGAL: **205 33E**
 OPERATOR **Ascent Energy, LLC** WELL NO. _____ W.I. _____
 OBJECTIVE **Avalon** STATE **NM** MD/TVD **+/-18,900'/8730'**

ESTIMATED PROJECT START DATE: **3Q2018**
 DESCRIPTION: Drill a 9900' lateral in the Leonard 6 and frac with 66 stages. Assumes 4 string design.

INTANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8305 101	Location Cleanup & Damages			\$125,000	\$125,000
8305 102	Rig Move - MIRU, RDMO			\$100,000	\$100,000
8305 103	Rig Contractor-Daywork/FT	\$ 22,000	25	\$550,000	\$550,000
8305 104	Rig Contractor-Turnkey				
8305 105	Power & Fuel			\$120,000	\$120,000
8305 106	Drill Fluids & Chemicals			\$100,000	\$100,000
8305 107	Bits, Reamer, Stabilizers			\$90,000	\$90,000
8305 108	Cement & Cementing Services			\$180,000	\$180,000
8305 109	Mud Logging			\$45,000	\$45,000
8305 110	Open Hole Logging			\$30,000	\$30,000
8305 111	Csg Crews & Tools			\$50,000	\$50,000
8305 112	Directional Tools & Service			\$180,000	\$180,000
8305 114	Form Eval - Well Testing DST - Coring, Sampling				
8305 115	Tubular Inspection			\$20,000	\$20,000
8305 116	Equipment Rentals			\$310,000	\$310,000
8305 117	Contract Labor & Services			\$120,000	\$120,000
8305 118	Wellsite Consultants	\$ 2,000	50	\$100,000	\$100,000
8305 119	Company Supervision & Labor				
8305 120	Transportation			\$20,000	\$20,000
8305 121	Mud Cuttings & Water Disposal			\$75,000	\$75,000
8305 122	Insurance	1,9243	19,000	\$36,562	\$36,562
8305 123	Overhead			\$25,000	\$25,000
8305 124	Water & Water Well			\$40,000	\$40,000
8305 125	Unanticipated MafExp (Fishing)				
8305 126	Legal			\$50,000	\$50,000
8305 127	Outside Operated Other				
8305 128	Permits			\$10,000	\$10,000
8305 129	Environmental & Safety			\$20,000	\$20,000
8305 130	Plugging				
	SUBTOTAL			\$2,427,562	\$2,427,562
8305 199	CONTINGENCY (%) 0.00%			0	0
	SUB-TOTAL INTANGIBLE DRILLING COSTS			\$2,427,562	\$2,427,562

INTANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8306 201	Location & Cleanup			\$10,000	\$10,000
8306 202	Power & Fuel			20,000	20,000
8306 203	Compd Fluids & Chemicals			65,000	65,000
8306 204	Bits, Reamer, Stabilizers				
8306 205	Cement & Cementing Svcs				
8306 206	Logging & Perforation Svcs			275,000	275,000
8306 207	Csg Crews & Tools-Drive Hammer				
8306 208	Directional Tools & Svcs				
8306 209	Formation Stimulatin Acid Frac			3,300,000	3,300,000
8306 210	Formation Evaluation				
8306 211	Tubular Inspection				
8306 212	Equipment Rentals			165,000	165,000
8306 213	Contract Labor & Services				
8306 214	Wellsite Consultant	\$ -	0	75,000	75,000
8306 215	Company Supervision & Labor				
8306 216	Transportation			20,000	20,000
8306 217	Mud Cuttings & Water Disposal			15,000	15,000
8306 218	Insurance				
8306 219	Overhead				
8306 220	Water & Water Well			500,000	500,000
8306 221	Unanticipated MafExp Fishing				
8306 222	Coil Tubing Services			100,000	100,000
8306 223	Misc Supplies & Materials			50,000	50,000
8306 224	Flowback Testing			76,500	76,500
8306 225	Legal & Permits			5,000	5,000
8306 226	Environmental & Safety Costs				
8306 227	Plugging				
8306 228	Completion Rig	\$ -	0	30,000	30,000
	SUBTOTAL			\$4,706,500	\$4,706,500
8306 299	CONTINGENCY (%) 0.00%			0	0
	SUB-TOTAL INTANGIBLE COMPLETION COSTS			\$4,706,500	\$4,706,500
	SUB-TOTAL INTANGIBLE COSTS			\$2,427,562	\$7,134,062

TANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8308 301	Drive Pipe Conductor Casing	\$ -	0	\$20,000	\$20,000
8308 302	Surface Casing	\$ -	0	\$50,000	\$50,000
8308 303	Intermediate Casing	\$ -	0	\$125,000	\$125,000
8308 304	Intermediate Casing	\$ -	0	\$150,000	\$150,000
8308 305	Subs Flt Eqt Centralizers Etc				
8308 306	Casinghead Drilling Spool			\$60,000	\$60,000
8308 307	Sub Surface Equipment				
8308 308	Outside Operated Other				
	SUB-TOTAL TANGIBLE DRILLING COSTS			\$405,000	\$405,000

ATTACHMENT G

TANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8309 401	Production Casing	\$ -	0	304,000	\$304,000
8309 402	Tubing	\$ -	0	35,000	35,000
8309 403	Subs Flt Eqp Centralizers Etc				0
8309 404	Sub Surface Equipment			30,000	30,000
8309 405	Xmas Tree Upper Section			60,000	60,000
8309 406	Outside Operated Other				0
SUB-TOTAL TANGIBLE COMPLETION COSTS				\$429,000	\$429,000
SUB-TOTAL TANGIBLE COSTS				\$405,000	\$834,000
SUB-TOTAL INTANGIBLE & TANGIBLE COSTS				\$2,832,562	\$5,135,500
SUB-TOTAL TANGIBLE & TANGIBLE COSTS					\$7,968,062

PRODUCTION EQUIPMENT COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8311 501	Artificial Lift Equipment			15,000	15,000
8311 502	Prime Mover Electric Gas				0
8311 503	Sales Gathering Line				0
8311 504	Separation Equipment			50,000	50,000
8311 505	Oil Treating Heating Equipment				0
8311 506	Gas Treating Dehy Equipment				0
8311 507	Tanks			70,000	70,000
8311 508	Meters			25,000	25,000
8311 509	Electrical Equip Install			20,000	20,000
8311 510	Compressor				0
8311 511	Flowlines			45,000	45,000
8311 512	Labor			50,000	50,000
8311 513	Trucks Hauling Transportation				0
8311 514	Buildings				0
8311 515	Roads & Locations			10,000	10,000
8311 516	Manifolds & Headers			15,000	15,000
8311 517	Chemical Injection System				0
8311 518	Piping & Valves			45,000	45,000
8311 519	Welding				0
8311 520	Surface Pumps			5,000	5,000
8311 521	Filters				0
8311 522	Outside Operated Other				0
8311 523	Environmental & Safety			10,000	10,000
8311 524	Engineering Supervision			30,000	30,000
8311 525	Surface Facilities			15,000	15,000
SUB-TOTAL PRODUCTION EQUIPMENT				\$405,000	\$405,000
SUB-TOTAL INTANGIBLE COSTS (PAGE 1)				\$2,427,562	\$4,706,500
SUB-TOTAL TANGIBLE COSTS (PAGE 2)				\$405,000	\$834,000
GRAND TOTAL				\$2,832,562	\$5,540,500
LESS OUTSIDE INTERESTS				\$2,832,562	\$5,540,500
TOTAL NET COSTS				\$0	\$0

Notice to Nonoperator: Costs shown on this form are estimates only. Nonoperators should not consider these estimates as establishing any limit on monies which will be required to perform the proposed operation.

PREPARED BY	DATE	GROSS AFE AMOUNT - DRY HOLE	\$2,832,562
APPROVED	DATE	NET DRYHOLE AFE AMOUNT	\$0
APPROVED	DATE	NET ASSET TRANSFERS	\$0
APPROVED	DATE	CASH OUTLAY THIS AFE	\$0
APPROVED	DATE	PREVIOUS AFE'S ISSUED	\$0
		TOTAL CASH OUTLAY	\$0

WORKING INTEREST APPROVAL

COMPANY	WORKING INTEREST	APPROVED BY	DATE

Ascent Energy, LLC

ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE (AFE)

COST CENTER **Gavilon Fed Com #303H** BUD YEAR **2018** DATE **March 28, 2018**
 AFE NO. _____ CATEGORY **D&C** SUPPLEMENT NO. _____
 FIELD **Hat Mesa** REGION **Delaware Basin** LEGAL: **20S 33E**
 OPERATOR **Ascent Energy, LLC** WELL NO. _____ W.I. _____
 OBJECTIVE **Leonard B** STATE **NM** MD/TVD **+/-19,030'/8860'**

ESTIMATED PROJECT START DATE: **3Q2018**

DESCRIPTION: Drill a 9900' lateral in the Leonard B and frac with 66 stages. Assumes 4 string design.

INTANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8305 101	Location Cleanup & Damages			\$125,000	\$125,000
8305 102	Rig Move - MIRU, RDMO			\$100,000	\$100,000
8305 103	Rig Contractor-Paywork/FT	\$ 22,000	25	\$550,000	\$550,000
8305 104	Rig Contractor-Turnkey				0
8305 105	Power & Fuel			\$120,000	\$120,000
8305 106	Drill Fluids & Chemicals			\$100,000	\$100,000
8305 107	Bits, Reamer, Stabilizers			\$90,000	\$90,000
8305 108	Cement & Cementing Services			\$180,000	\$180,000
8305 109	Mud Logging			\$45,000	\$45,000
8305 110	Open Hole Logging			\$30,000	\$30,000
8305 111	Csg Crews & Tools			\$80,000	\$80,000
8305 112	Directional Tools & Service			\$180,000	\$180,000
8305 114	Form Eval - Well Testing DST - Coring, Sampling				0
8305 115	Tubular Inspection			\$20,000	\$20,000
8305 116	Equipment Rentals			\$310,000	\$310,000
8305 117	Contract Labor & Services			\$120,000	\$120,000
8305 118	Wellsite Consultants	\$ 2,000	50	\$100,000	\$100,000
8305 119	Company Supervision & Labor				0
8305 120	Transportation			\$20,000	\$20,000
8305 121	Mud Cuttings & Water Disposal			\$75,000	\$75,000
8305 122	Insurance	1,9243	19,000	\$36,562	\$36,562
8305 123	Overhead			\$25,000	\$25,000
8305 124	Water & Water Well			\$40,000	\$40,000
8305 125	Unanticipated MfrExp (Fishing)				0
8305 126	Legal			\$50,000	\$50,000
8305 127	Outside Operated Other				0
8305 128	Permits			\$10,000	\$10,000
8305 129	Environmental & Safety			\$20,000	\$20,000
8305 130	Plugging				0
	SUBTOTAL			\$2,427,562	\$2,427,562
8305 199	CONTINGENCY (%) 0.00%			0	0
	SUB-TOTAL INTANGIBLE DRILLING COSTS			\$2,427,562	\$2,427,562

INTANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8306 201	Location & Cleanup			\$10,000	\$10,000
8306 202	Power & Fuel			20,000	20,000
8306 203	Compl Fluids & Chemicals			65,000	65,000
8306 204	Bits, Reamer, Stabilizers				0
8306 205	Cement & Cementing Svcs				0
8306 206	Logging & Perforation Svcs			275,000	275,000
8306 207	Csg Crews & Tools-Drive Hammer				0
8306 208	Directional Tools & Svcs				0
8306 209	Formation Stimulatn Acid Frac			3,300,000	3,300,000
8306 210	Formation Evaluation				0
8306 211	Tubular Inspection				0
8306 212	Equipment Rentals			165,000	165,000
8306 213	Contract Labor & Services				0
8306 214	Wellsite Consultant	\$ -	0	75,000	75,000
8306 215	Company Supervision & Labor				0
8306 216	Transportation			20,000	20,000
8306 217	Mud Cuttings & Water Disposal			15,000	15,000
8306 218	Insurance				0
8306 219	Overhead				0
8306 220	Water & Water Well			500,000	500,000
8306 221	Unanticipated MfrExp Fishing				0
8306 222	Coil Tubing Services			100,000	100,000
8306 223	Misc Supplies & Materials			50,000	50,000
8306 224	Flowback Testing			76,500	76,500
8306 225	Legal & Permits			5,000	5,000
8306 226	Environmental & Safety Costs				0
8306 227	Plugging				0
8306 228	Completion Rig	\$ -	0	30,000	30,000
	SUBTOTAL			\$4,706,500	\$4,706,500
8306 299	CONTINGENCY (%) 0.00%			0	0
	SUB-TOTAL INTANGIBLE COMPLETION COSTS			\$4,706,500	\$4,706,500
	SUB-TOTAL INTANGIBLE COSTS			\$2,427,562	\$7,134,062

TANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8308 301	Drive Pipe Conductor Casing	\$ -	0	\$20,000	\$20,000
8308 302	Surface Casing	\$ -	0	\$50,000	\$50,000
8308 303	Intermediate Casing	\$ -	0	\$125,000	\$125,000
8308 304	Intermediate Casing	\$ -	0	\$150,000	\$150,000
8308 305	Subs Flt Esp Centralizers Etc				0
8308 306	Casinghead Drilling Spool			\$60,000	\$60,000
8308 307	Sub Surface Equipment				0
8308 308	Outside Operated Other				0
	SUB-TOTAL TANGIBLE DRILLING COSTS			\$405,000	\$405,000

TANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8309 401	Production Casing	\$ -	0	304,000	\$304,000
8309 402	Tubing	\$ -	0	35,000	\$35,000
8309 403	Subs Flt Foot Centralizers Etc				0
8309 404	Sub Surface Equipment			30,000	\$30,000
8309 405	Xmas Tree Upper Section			60,000	\$60,000
8309 406	Outside Operated Other				0
SUB-TOTAL TANGIBLE COMPLETION COSTS				\$429,000	\$429,000
SUB-TOTAL TANGIBLE COSTS				\$405,000	\$834,000
SUB-TOTAL INTANGIBLE & TANGIBLE COSTS				\$2,832,562	\$5,135,500

PRODUCTION EQUIPMENT COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8311 501	Artificial Lift Equipment			15,000	\$15,000
8311 502	Prime Mover Electric Gas				0
8311 503	Sales Gathering Line				0
8311 504	Separation Equipment			50,000	\$50,000
8311 505	Oil Treating Heating Equipment				0
8311 506	Gas Treating Dehy Equipment				0
8311 507	Tanks			70,000	\$70,000
8311 508	Meters			25,000	\$25,000
8311 509	Electrical Equip Install			20,000	\$20,000
8311 510	Compressor				0
8311 511	Flowlines			45,000	\$45,000
8311 512	Labor			50,000	\$50,000
8311 513	Trucks Hauling Transportation				0
8311 514	Buildings				0
8311 515	Roads & Locations			10,000	\$10,000
8311 516	Manifolds & Headers			15,000	\$15,000
8311 517	Chemical Injection System				0
8311 518	Piping & Valves			45,000	\$45,000
8311 519	Welding				0
8311 520	Surface Pumps			5,000	\$5,000
8311 521	Filters				0
8311 522	Outside Operated Other				0
8311 523	Environmental & Safety			10,000	\$10,000
8311 524	Engineering Supervision			30,000	\$30,000
8311 525	Surface Facilities			15,000	\$15,000
SUB-TOTAL PRODUCTION EQUIPMENT				\$405,000	\$405,000
SUB-TOTAL INTANGIBLE COSTS (PAGE 1)				\$2,427,562	\$4,706,500
SUB-TOTAL TANGIBLE COSTS (PAGE 2)				\$405,000	\$834,000
GRAND TOTAL				\$2,832,562	\$5,540,500
LESS OUTSIDE INTERESTS				\$2,832,562	\$5,540,500
TOTAL NET COSTS				\$0	\$0

Notice to Nonoperator: Costs shown on this form are estimates only. Nonoperators should not consider these estimates as establishing any limit on monies which will be required to perform the proposed operation.

PREPARED BY		DATE	
APPROVED		DATE	
APPROVED		DATE	
APPROVED		DATE	

GROSS AFE AMOUNT - DRY HOLE	\$2,832,562
NET DRYHOLE AFE AMOUNT	\$0
NET ASSET TRANSFERS	\$0
CASH OUTLAY THIS AFE	\$0
PREVIOUS AFE'S ISSUED	\$0
TOTAL CASH OUTLAY	\$0

WORKING INTEREST APPROVAL

COMPANY	WORKING INTEREST	APPROVED BY	DATE

Ascent Energy, LLC

ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE (AFE)

COST CENTER	Gavilon Fed Com #304H	BUD YEAR	2018	DATE	March 28, 2018
AFE NO.		CATEGORY	D&C	SUPPLEMENT NO.	
FIELD	Mat Mesa	REGION	Delaware Basin	LEGAL:	20S 33E
OPERATOR	Ascent Energy, LLC	WELL NO.		W.I.	
OBJECTIVE	Leonard B	STATE	NM	MD/TVD	+/-19,060' / 8890'

ESTIMATED PROJECT START DATE: 3Q2018

DESCRIPTION: Drill a 9900' lateral in the Leonard B and frac with 66 stages. Assumes 4 string design.

INTANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8305 101	Location Cleanup & Damages			\$125,000	\$125,000
8305 102	Rig Move - MRU, RDMO			\$100,000	\$100,000
8305 103	Rig Contractor-Daywork/FT	\$ 22,000	25	\$550,000	\$550,000
8305 104	Rig Contractor-Turnkey				0
8305 105	Power & Fuel			\$120,000	\$120,000
8305 106	Drill Fluids & Chemicals			\$100,000	\$100,000
8305 107	Bits, Reamer, Stabilizers			\$90,000	\$90,000
8305 108	Cement & Cementing Services			\$180,000	\$180,000
8305 109	Mud Logging			\$46,000	\$46,000
8305 110	Open Hole Logging			\$30,000	\$30,000
8305 111	Csg Crews & Tools			\$80,000	\$80,000
8305 112	Directional Tools & Service			\$180,000	\$180,000
8305 114	Form Eval - Well Testing DST - Coring, Sampling				0
8305 115	Tubular Inspection			\$20,000	\$20,000
8305 116	Equipment Rentals			\$310,000	\$310,000
8305 117	Contract Labor & Services			\$120,000	\$120,000
8305 118	Wellsite Consultants	\$ 2,000	50	\$100,000	\$100,000
8305 119	Company Supervision & Labor				0
8305 120	Transportation			\$20,000	\$20,000
8305 121	Mud Cuttings & Water Disposal			\$75,000	\$75,000
8305 122	Insurance	1.9243	19,000	\$36,562	\$36,562
8305 123	Overhead			\$25,000	\$25,000
8305 124	Water & Water Well			\$40,000	\$40,000
8305 125	Unanticipated MfrExp (Fishing)				0
8305 126	Legal			\$50,000	\$50,000
8305 127	Outside Operated Other				0
8305 128	Permits			\$10,000	\$10,000
8305 129	Environmental & Safety			\$20,000	\$20,000
8305 130	Plugging				0
	SUBTOTAL			\$2,427,562	\$2,427,562
8305 199	CONTINGENCY (%)	0.00%		0	0
	SUB-TOTAL INTANGIBLE DRILLING COSTS			\$2,427,562	\$2,427,562

INTANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8306 201	Location & Cleanup			\$10,000	\$10,000
8306 202	Power & Fuel			20,000	20,000
8306 203	Comp Fluids & Chemicals			65,000	65,000
8306 204	Bits, Reamer, Stabilizers				0
8306 205	Cement & Cementing Svcs				0
8306 206	Logging & Perforation Svcs			275,000	275,000
8306 207	Csg Crews & Tools-Drive Hammer				0
8306 208	Directional Tools & Svcs				0
8306 209	Formation Stimuln Acid Frac			3,300,000	3,300,000
8306 210	Formation Evaluation				0
8306 211	Tubular Inspection				0
8306 212	Equipment Rentals			165,000	165,000
8306 213	Contract Labor & Services				0
8306 214	Wellsite Consultant	\$ -	0	75,000	75,000
8306 215	Company Supervision & Labor				0
8306 216	Transportation			20,000	20,000
8306 217	Mud Cuttings & Water Disposal			15,000	15,000
8306 218	Insurance				0
8306 219	Overhead				0
8306 220	Water & Water Well			500,000	500,000
8306 221	Unanticipated MfrExp Fishing				0
8306 222	Coil Tubing Services			100,000	100,000
8306 223	Misc Supplies & Materials			50,000	50,000
8306 224	Flowback Testing			76,500	76,500
8306 225	Legal & Permits			5,000	5,000
8306 226	Environmental & Safety Costs				0
8306 227	Plugging				0
8306 228	Completion Rig	\$ -	0	30,000	30,000
	SUBTOTAL			\$4,706,500	\$4,706,500
8306 299	CONTINGENCY (%)	0.00%		0	0
	SUB-TOTAL INTANGIBLE COMPLETION COSTS			\$4,706,500	\$4,706,500
	SUB-TOTAL INTANGIBLE COSTS			\$2,427,562	\$7,134,062

TANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8308 301	Drive Pipe Conductor Casing	\$ -	0	\$20,000	\$20,000
8308 302	Surface Casing	\$ -	0	\$50,000	\$50,000
8308 303	Intermediate Casing	\$ -	0	\$125,000	\$125,000
8308 304	Intermediate Casing	\$ -	0	\$150,000	\$150,000
8308 305	Subs Fit Eqt Centralizers Etc				0
8308 306	Casinghead Drilling Spool			\$60,000	\$60,000
8308 307	Sub Surface Equipment				0
8308 308	Outside Operated Other				0
	SUB-TOTAL TANGIBLE DRILLING COSTS			\$405,000	\$405,000

TANGIBLE COMPLETION COSTS						
ACCT.	DESCRIPTION	Rate	Units		COMPLETION	TOTAL WELL COST
8309 401	Production Casing	\$ -	0		304,000	\$304,000
8309 402	Tubing	\$ -	0		35,000	35,000
8309 403	Subs Flt Eqp Centralizers Etc					0
8309 404	Sub Surface Equipment				30,000	30,000
8309 405	Xmas Tree Upper Section				60,000	60,000
8309 406	Outside Operated Other					0
SUB-TOTAL TANGIBLE COMPLETION COSTS					\$429,000	\$429,000
SUB-TOTAL TANGIBLE COSTS				\$405,000	\$429,000	\$834,000
SUB-TOTAL INTANGIBLE & TANGIBLE COSTS				\$2,832,562	\$5,135,500	\$7,968,062

PRODUCTION EQUIPMENT COSTS						
ACCT.	DESCRIPTION	Rate	Units		COMPLETION	TOTAL WELL COST
8311 501	Artificial Lift Equipment				\$15,000	\$15,000
8311 502	Prime Mover Electric Gas					0
8311 503	Sales Gathering Line					0
8311 504	Separation Equipment				50,000	50,000
8311 505	Oil Treating Heating Equipment					0
8311 506	Gas Treating Dehy Equipment					0
8311 507	Tanks				70,000	70,000
8311 508	Meters				25,000	25,000
8311 509	Electrical Equip Install				20,000	20,000
8311 510	Compressor					0
8311 511	Flowlines				45,000	45,000
8311 512	Labor				50,000	50,000
8311 513	Trucks Hauling Transportation					0
8311 514	Buildings					0
8311 515	Roads & Locations				10,000	10,000
8311 516	Manifolds & Headers				15,000	15,000
8311 517	Chemical Injection System					0
8311 518	Piping & Valves				45,000	45,000
8311 519	Welding					0
8311 520	Surface Pumps				5,000	5,000
8311 521	Filters					0
8311 522	Outside Operated Other					0
8311 523	Environmental & Safety				10,000	10,000
8311 524	Engineering Supervision				30,000	30,000
8311 525	Surface Facilities				15,000	15,000
SUB-TOTAL PRODUCTION EQUIPMENT					\$405,000	\$405,000
SUB-TOTAL INTANGIBLE COSTS (PAGE 1)				\$2,427,562	\$4,706,500	\$7,134,062
SUB-TOTAL TANGIBLE COSTS (PAGE 2)				\$405,000	\$429,000	\$834,000
GRAND TOTAL				\$2,832,562	\$5,540,500	\$8,373,062
LESS OUTSIDE INTERESTS				\$2,832,562	\$5,540,500	\$8,373,062
TOTAL NET COSTS				\$0	\$0	\$0

Notice to Nonoperator: Costs shown on this form are estimates only. Nonoperators should not consider these estimates as establishing any limit on monies which will be required to perform the proposed operation.

PREPARED BY		DATE		GROSS AFE AMOUNT - DRY HOLE	\$2,832,562
APPROVED		DATE		NET DRYHOLE AFE AMOUNT	\$0
APPROVED		DATE		NET ASSET TRANSFERS	\$0
APPROVED		DATE		CASH OUTLAY THIS AFE	\$0
APPROVED		DATE		PREVIOUS AFE'S ISSUED	\$0
				TOTAL CASH OUTLAY	\$0

WORKING INTEREST APPROVAL			
COMPANY	WORKING INTEREST	APPROVED BY	DATE

Ascent Energy, LLC

ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE (AFE)

COST CENTER	Gavilon Fed Com #401H	BUD YEAR	2018	DATE	March 28, 2018
AFE NO.		CATEGORY	D&C	SUPPLEMENT NO.	
FIELD	Hat Mesa	REGION	Delaware Basin	LEGAL:	205 33E
OPERATOR	Ascent Energy, LLC	WELL NO.		W.I.	
OBJECTIVE	1st Bone Spring	STATE	NM	MD/TVD	+/-19,680/9,510'

ESTIMATED PROJECT START DATE: 3Q2018

DESCRIPTION: Drill a 9900' lateral in the 2nd Bone Spring and frac with 66 stages. Assumes 4 string design.

INTANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	COMPLETION	TOTAL WELL COST
8305 101	Location Cleanup & Damages			\$125,000		\$125,000
8305 102	Rig Move - MIRU, RDMO			\$100,000		\$100,000
8305 103	Rig Contractor-Daywork/FT	\$ 22,000	28	\$616,000		\$616,000
8305 104	Rig Contractor-Turnkey					\$0
8305 105	Power & Fuel			\$125,000		\$125,000
8305 106	Drill Fluids & Chemicals			\$120,000		\$120,000
8305 107	Bits, Reamer, Stabilizers			\$100,000		\$100,000
8305 108	Cement & Cementing Services			\$200,000		\$200,000
8305 109	Mud Logging			\$50,000		\$50,000
8305 110	Open Hole Logging			\$30,000		\$30,000
8305 111	Csg Crews & Tools			\$85,000		\$85,000
8305 112	Directional Tools & Service			\$200,000		\$200,000
8305 114	Form Eval - Well Testing DST - Coring, Sampling					\$0
8305 115	Tubular Inspection			\$20,000		\$20,000
8305 116	Equipment Rentals			\$320,000		\$320,000
8305 117	Contract Labor & Services			\$120,000		\$120,000
8305 118	Wellsite Consultants	\$ 2,000	56	\$112,000		\$112,000
8305 119	Company Supervision & Labor					\$0
8305 120	Transportation			\$20,000		\$20,000
8305 121	Mud Cuttings & Water Disposal			\$75,000		\$75,000
8305 122	Insurance	1.9243	20.600	\$39,641		\$39,641
8305 122	Overhead			\$25,000		\$25,000
8305 124	Water & Water Well			\$40,000		\$40,000
8305 125	Unanticipated MjExp (Fishing)					\$0
8305 126	Legal			\$50,000		\$50,000
8305 127	Outside Operated Other					\$0
8305 128	Permits			\$10,000		\$10,000
8305 129	Environmental & Safety			\$20,000		\$20,000
8305 130	Plugging					\$0
	SUBTOTAL			\$2,602,641		\$2,602,641
8305 199	CONTINGENCY (%)	0.00%		0		0
	SUB-TOTAL INTANGIBLE DRILLING COSTS			\$2,602,641		\$2,602,641

INTANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	COMPLETION	TOTAL WELL COST
8306 201	Location & Cleanup				\$10,000	\$10,000
8306 202	Power & Fuel				20,000	\$20,000
8306 203	Cement Fluids & Chemicals				65,000	\$65,000
8306 204	Bits, Reamer, Stabilizers					\$0
8306 205	Cement & Cementing Svcs					\$0
8306 206	Logging & Perforation Svcs				275,000	\$275,000
8306 207	Csg Crews & Tools-Drive Hammer					\$0
8306 208	Directional Tools & Svcs					\$0
8306 209	Formation Stimulatio Acid Frac				3,300,000	\$3,300,000
8306 210	Formation Evaluation					\$0
8306 211	Tubular Inspection					\$0
8306 212	Equipment Rentals				165,000	\$165,000
8306 213	Contract Labor & Services					\$0
8306 214	Wellsite Consultants	\$ -	0		75,000	\$75,000
8306 215	Company Supervision & Labor					\$0
8306 216	Transportation				20,000	\$20,000
8306 217	Mud Cuttings & Water Disposal				15,000	\$15,000
8306 218	Insurance					\$0
8306 219	Overhead					\$0
8306 220	Water & Water Well				500,000	\$500,000
8306 221	Unanticipated MjExp Fishing					\$0
8306 222	Coil Tubing Services				100,000	\$100,000
8306 223	Misc Supplies & Materials				50,000	\$50,000
8306 224	Flowback Testing				76,500	\$76,500
8306 225	Legal & Permits				5,000	\$5,000
8306 226	Environmental & Safety Costs					\$0
8306 227	Plugging					\$0
8306 228	Completion Rig	\$ -	0		30,000	\$30,000
	SUBTOTAL				\$4,706,500	\$4,706,500
8306 299	CONTINGENCY (%)	0.00%			0	0
	SUB-TOTAL INTANGIBLE COMPLETION COSTS				\$4,706,500	\$4,706,500
	SUB-TOTAL INTANGIBLE COSTS			\$2,602,641	\$4,706,500	\$7,309,141

TANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	COMPLETION	TOTAL WELL COST
8308 301	Drive Pipe Conductor Casing	\$ -	0	\$20,000		\$20,000
8308 302	Surface Casing	\$ -	0	\$50,000		\$50,000
8308 303	Intermediate Casing	\$ -	0	\$125,000		\$125,000
8308 304	Intermediate Casing	\$ -	0	\$150,000		\$150,000
8308 305	Subs Flt Foot Centralizers Etc					\$0
8308 306	Casinghead Drilling Spool			\$60,000		\$60,000
8308 307	Sub Surface Equipment					\$0
8308 308	Outside Operated Other					\$0
	SUB-TOTAL TANGIBLE DRILLING COSTS			\$405,000		\$405,000

TANGIBLE COMPLETION COSTS					
ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8309 401	Production Casing	\$ -	0	330,000	\$330,000
8309 402	Tubing	\$ -	0	40,000	40,000
8309 403	Subs Ft Eqt Centralizers Etc				0
8309 404	Sub Surface Equipment			30,000	30,000
8309 405	Xmas Tree Upper Section			60,000	60,000
8309 406	Outside Operated Other				0
SUB-TOTAL TANGIBLE COMPLETION COSTS				\$460,000	\$460,000
SUB-TOTAL TANGIBLE COSTS				\$405,000	\$865,000
SUB-TOTAL INTANGIBLE & TANGIBLE COSTS				\$3,007,641	\$5,166,500
SUB-TOTAL TANGIBLE & TANGIBLE COSTS				\$3,007,641	\$8,174,141

PRODUCTION EQUIPMENT COSTS					
ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8311 501	Artificial Lift Equipment			\$15,000	\$15,000
8311 502	Prime Mover Electric Gas				0
8311 503	Sales Gathering Line				0
8311 504	Separation Equipment			50,000	50,000
8311 505	Oil Treating Heating Equipment				0
8311 506	Gas Treating Dehy Equipment				0
8311 507	Tanks			70,000	70,000
8311 508	Meters			25,000	25,000
8311 509	Electrical Equip Install			20,000	20,000
8311 510	Compressor				0
8311 511	Flowlines			45,000	45,000
8311 512	Labor			50,000	50,000
8311 513	Trucks Hauling Transportation				0
8311 514	Buildings				0
8311 515	Roads & Locations			10,000	10,000
8311 516	Manifolds & Headers			15,000	15,000
8311 517	Chemical Injection System				0
8311 518	Pipins & Valves			45,000	45,000
8311 519	Welding				0
8311 520	Surface Pumps			5,000	5,000
8311 521	Filters				0
8311 522	Outside Operated Other				0
8311 523	Environmental & Safety			10,000	10,000
8311 524	Engineering Supervision			30,000	30,000
8311 525	Surface Facilities			15,000	15,000
SUB-TOTAL PRODUCTION EQUIPMENT				\$405,000	\$405,000
SUB-TOTAL INTANGIBLE COSTS (PAGE 1)				\$2,602,641	\$4,706,500
SUB-TOTAL TANGIBLE COSTS (PAGE 2)				\$405,000	\$865,000
GRAND TOTAL				\$3,007,641	\$5,571,500
LESS OUTSIDE INTERESTS				\$3,007,641	\$5,571,500
TOTAL NET COSTS				\$0	\$0

Notice to Nonoperator: Costs shown on this form are estimates only. Nonoperators should not consider these estimates as establishing any limit on monies which will be required to perform the proposed operation.

PREPARED BY	DATE	GROSS AFE AMOUNT - DRY HOLE	\$3,007,641
APPROVED	DATE	NET DRYHOLE AFE AMOUNT	\$0
APPROVED	DATE	NET ASSET TRANSFERS	\$0
APPROVED	DATE	CASH OUTLAY THIS AFE	\$0
APPROVED	DATE	PREVIOUS AFE'S ISSUED	\$0
		TOTAL CASH OUTLAY	\$0

WORKING INTEREST APPROVAL			
COMPANY	WORKING INTEREST	APPROVED BY	DATE

Ascent Energy, LLC

ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE (AFE)

COST CENTER	Gavilion Fed Com #503	BUD YEAR	2018	DATE	March 28, 2018
AFE NO.		CATEGORY	D&C	SUPPLEMENT NO.	
FIELD	Hat Mesa	REGION	Delaware Basin	LEGAL:	20S 33E
OPERATOR	Ascent Energy, LLC	WELL NO.		W.I.	
OBJECTIVE	2nd Bone Spring	STATE	NM	MD/TVD	+/-20,610/10,440'

ESTIMATED PROJECT START DATE: 3Q2018

DESCRIPTION: Drill a 9900' lateral in the 2nd Bone Spring and frac with 66 stages. Assumes 4 string design.

INTANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8305 101	Location Cleanup & Damages			\$125,000	\$125,000
8305 102	Rig Move - MIRU, RDMO			\$100,000	100,000
8305 103	Rig Contractor-Daywork/FT	\$ 22,000	28	\$616,000	\$616,000
8305 104	Rig Contractor-Turnkey				0
8305 105	Power & Fuel			\$125,000	125,000
8305 106	Drill Fluids & Chemicals			\$120,000	120,000
8305 107	Bits, Reamer, Stabilizers			\$100,000	100,000
8305 108	Cement & Cementing Services			\$200,000	200,000
8305 109	Mud Logging			\$50,000	50,000
8305 110	Open Hole Logging			\$30,000	30,000
8305 111	Csg Crews & Tools			\$85,000	85,000
8305 112	Directional Tools & Service			\$200,000	200,000
8305 114	Form Eval - Well Testing DST - Coring, Sampling				0
8305 115	Tubular Inspection			\$20,000	20,000
8305 116	Equipment Rentals			\$320,000	320,000
8305 117	Contract Labor & Services			\$120,000	120,000
8305 118	Wellsite Consultants	\$ 2,000	56	\$112,000	\$112,000
8305 119	Company Supervision & Labor				0
8305 120	Transportation			\$20,000	20,000
8305 121	Mud Cuttings & Water Disposal			\$75,000	75,000
8305 122	Insurance	1,9243	20,600	\$38,641	\$38,641
8305 123	Overhead			\$25,000	25,000
8305 124	Water & Water Well			\$40,000	40,000
8305 125	Unanticipated MirExp (Fishing)				0
8305 126	Legal			\$50,000	50,000
8305 127	Outside Operated Other				0
8305 128	Permits			\$10,000	10,000
8305 129	Environmental & Safety			\$20,000	20,000
8305 130	Plugging				0
	SUBTOTAL			\$2,602,641	\$2,602,641
8305 199	CONTINGENCY (%) 0.00%			0	0
	SUB-TOTAL INTANGIBLE DRILLING COSTS			\$2,602,641	\$2,602,641

INTANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8306 201	Location & Cleanup			\$10,000	\$10,000
8306 202	Power & Fuel			20,000	20,000
8306 203	Comp Fluids & Chemicals			65,000	65,000
8306 204	Bits, Reamer, Stabilizers				0
8306 205	Cement & Cementing Svcs				0
8306 206	Logging & Perforation Svcs			275,000	275,000
8306 207	Csg Crews & Tools-Drive Hammer				0
8306 208	Directional Tools & Svcs				0
8306 209	Formation Stimulatn Acid Frac			3,300,000	3,300,000
8306 210	Formation Evaluation				0
8306 211	Tubular Inspection				0
8306 212	Equipment Rentals			165,000	165,000
8306 213	Contract Labor & Services				0
8306 214	Wellsite Consultant	\$ -	0	75,000	75,000
8306 215	Company Supervision & Labor				0
8306 216	Transportation			20,000	20,000
8306 217	Mud Cuttings & Water Disposal			15,000	15,000
8306 218	Insurance				0
8306 219	Overhead				0
8306 220	Water & Water Well			500,000	500,000
8306 221	Unanticipated MajExp Fishing				0
8306 222	Coil Tubing Services			100,000	100,000
8306 223	Misc Supplies & Materials			50,000	50,000
8306 224	Flowback Testing			76,500	76,500
8306 225	Legal & Permits			5,000	5,000
8306 226	Environmental & Safety Costs				0
8306 227	Plugging				0
8306 228	Completion Rig	\$ -	0	30,000	30,000
	SUBTOTAL			\$4,706,500	\$4,706,500
8306 299	CONTINGENCY (%) 0.00%			0	0
	SUB-TOTAL INTANGIBLE COMPLETION COSTS			\$4,706,500	\$4,706,500
	SUB-TOTAL INTANGIBLE COSTS			\$2,602,641	\$7,309,141

TANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8308 301	Drive Pipe Conductor Casing	\$ -	0	\$20,000	\$20,000
8308 302	Surface Casing	\$ -	0	\$50,000	50,000
8308 303	Intermediate Casing	\$ -	0	\$125,000	125,000
8308 304	Intermediate Casing	\$ -	0	\$150,000	150,000
8308 305	Subs Flt Eqp Centralizers Etc				0
8308 306	Casinghead Drilling Spool			\$60,000	60,000
8308 307	Sub Surface Equipment				0
8308 308	Outside Operated Other				0
	SUB-TOTAL TANGIBLE DRILLING COSTS			\$405,000	\$405,000

TANGIBLE COMPLETION COSTS					
ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8309 401	Production Casing	\$ -	0	330,000	330,000
8309 402	Tubing	\$ -	0	40,000	40,000
8309 403	Subs Flt Eqp Centralizers Etc				0
8309 404	Sub Surface Equipment			30,000	30,000
8309 405	Xmas Tree Upper Section			60,000	60,000
8309 406	Outside Operated Other				0
SUB-TOTAL TANGIBLE COMPLETION COSTS				\$460,000	\$460,000
SUB-TOTAL TANGIBLE COSTS				\$405,000	\$465,000
SUB-TOTAL INTANGIBLE & TANGIBLE COSTS				\$3,007,641	\$8,174,141

PRODUCTION EQUIPMENT COSTS					
ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8311 501	Artificial Lift Equipment			\$15,000	\$15,000
8311 502	Prime Mover Electric Gas				0
8311 503	Sales Gathering Line				0
8311 504	Separation Equipment			50,000	50,000
8311 505	Oil Treating Heating Equipment				0
8311 506	Gas Treating Dehy Equipment				0
8311 507	Tanks			70,000	70,000
8311 508	Meters			25,000	25,000
8311 509	Electrical Equip Install			20,000	20,000
8311 510	Compressor				0
8311 511	Flowlines			45,000	45,000
8311 512	Labor			50,000	50,000
8311 513	Trucks Hauling Transportation				0
8311 514	Buildings				0
8311 515	Roads & Locations			10,000	10,000
8311 516	Manifolds & Headers			15,000	15,000
8311 517	Chemical Injection System				0
8311 518	Piping & Valves			45,000	45,000
8311 519	Welding				0
8311 520	Surface Pumps			5,000	5,000
8311 521	Filters				0
8311 522	Outside Operated Other				0
8311 523	Environmental & Safety			10,000	10,000
8311 524	Engineering Supervision			30,000	30,000
8311 525	Surface Facilities			15,000	15,000
SUB-TOTAL PRODUCTION EQUIPMENT				\$405,000	\$405,000
SUB-TOTAL INTANGIBLE COSTS (PAGE 1)				\$2,602,641	\$7,309,141
SUB-TOTAL TANGIBLE COSTS (PAGE 2)				\$405,000	\$865,000
GRAND TOTAL				\$3,007,641	\$8,579,141
LESS OUTSIDE INTERESTS				\$3,007,641	\$8,579,141
TOTAL NET COSTS				\$0	\$0

Notice to Nonoperator: Costs shown on this form are estimates only. Nonoperators should not consider these estimates as establishing any limit on monies which will be required to perform the proposed operation.

PREPARED BY	DATE	GROSS AFE AMOUNT - DRY HOLE	\$3,007,641
APPROVED	DATE	NET DRYHOLE AFE AMOUNT	\$0
APPROVED	DATE	NET ASSET TRANSFERS	\$0
APPROVED	DATE	CASH OUTLAY THIS AFE	\$0
		PREVIOUS AFE'S ISSUED	\$0
		TOTAL CASH OUTLAY	\$0

WORKING INTEREST APPROVAL			
COMPANY	WORKING INTEREST	APPROVED BY	DATE

Ascent Energy, LLC

ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE (AFE)

COST CENTER	Gavilion Fed Com #504	BUD YEAR	2018	DATE	March 28, 2018
AFE NO.		CATEGORY	D&C	SUPPLEMENT NO.	
FIELD	Hat Mesa	REGION	Delaware Basin	LEGAL:	205 33E
OPERATOR	Ascent Energy, LLC	WELL NO.		W.I.	
OBJECTIVE	2nd Bone Spring	STATE	NH	MD/TVD	+/-20,650/10,480'

ESTIMATED PROJECT START DATE: 3Q2018

DESCRIPTION: Drill a 9900' lateral in the 2nd Bone Spring and frac with 66 stages. Assumes 4 string design.

INTANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8305 101	Location Cleanup & Damages			\$125,000	\$125,000
8305 102	Rig Move - MIRU, RDMO			\$100,000	\$100,000
8305 103	Rig Contractor-Daywork/FT	\$ 22,000	28	\$616,000	\$616,000
8305 104	Rig Contractor-Turnkey				\$0
8305 105	Power & Fuel			\$125,000	\$125,000
8305 106	Drill Fluids & Chemicals			\$120,000	\$120,000
8305 107	Bits, Reamer, Stabilizers			\$100,000	\$100,000
8305 108	Cement & Cementing Services			\$200,000	\$200,000
8305 109	Mud Logging			\$50,000	\$50,000
8305 110	Open Hole Logging			\$30,000	\$30,000
8305 111	Csg Crows & Tools			\$85,000	\$85,000
8305 112	Directional Tools & Service			\$200,000	\$200,000
8305 113	Form Eval - Well Testing DST - Coring, Sampling				\$0
8305 114	Tubular Inspection			\$20,000	\$20,000
8305 115	Equipment Rentals			\$320,000	\$320,000
8305 116	Contract Labor & Services			\$120,000	\$120,000
8305 117	Wellsite Consultants	\$ 2,000	56	\$112,000	\$112,000
8305 118	Company Supervision & Labor				\$0
8305 119	Transportation			\$20,000	\$20,000
8305 120	Mud Cuttings & Water Disposal			\$75,000	\$75,000
8305 121	Insurance	1,9243	20,600	\$39,641	\$39,641
8305 122	Overhead			\$25,000	\$25,000
8305 123	Water & Water Well			\$40,000	\$40,000
8305 124	Unanticipated MfrExp (Fishing)				\$0
8305 125	Legal			\$50,000	\$50,000
8305 126	Outside Operated Other				\$0
8305 127	Permits			\$10,000	\$10,000
8305 128	Environmental & Safety			\$20,000	\$20,000
8305 129	Plugging				\$0
8305 130	SUBTOTAL			\$2,602,641	\$2,602,641
8305 199	CONTINGENCY (%) 0.00%			0	0
	SUB-TOTAL INTANGIBLE DRILLING COSTS			\$2,602,641	\$2,602,641

INTANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8306 201	Location & Cleanup			\$10,000	\$10,000
8306 202	Power & Fuel			20,000	20,000
8306 203	Compl Fluids & Chemicals			65,000	65,000
8306 204	Bits, Reamer, Stabilizers				\$0
8306 205	Cement & Cementing Svcs				\$0
8306 206	Logging & Perforation Svcs			275,000	275,000
8306 207	Csg Crows & Tools-Drive Hammer				\$0
8306 208	Directional Tools & Svcs				\$0
8306 209	Formation Stimulatin Acid Frac			3,300,000	3,300,000
8306 210	Formation Evaluation				\$0
8306 211	Tubular Inspection				\$0
8306 212	Equipment Rentals			165,000	165,000
8306 213	Contract Labor & Services				\$0
8306 214	Wellsite Consultant	\$ -	0	75,000	75,000
8306 215	Company Supervision & Labor				\$0
8306 216	Transportation			20,000	20,000
8306 217	Mud Cuttings & Water Disposal			15,000	15,000
8306 218	Insurance				\$0
8306 219	Overhead				\$0
8306 220	Water & Water Well			500,000	500,000
8306 221	Unanticipated MfrExp Fishing				\$0
8306 222	Coil Tubing Services			100,000	100,000
8306 223	Misc Supplies & Materials			50,000	50,000
8306 224	Flowback Testing			76,500	76,500
8306 225	Legal & Permits			5,000	5,000
8306 226	Environmental & Safety Costs				\$0
8306 227	Plugging				\$0
8306 228	Completion Rig	\$ -	0	30,000	30,000
	SUBTOTAL			\$4,706,500	\$4,706,500
8306 299	CONTINGENCY (%) 0.00%			0	0
	SUB-TOTAL INTANGIBLE COMPLETION COSTS			\$4,706,500	\$4,706,500
	SUB-TOTAL INTANGIBLE COSTS			\$2,602,641	\$7,309,141

TANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8308 301	Drive Pipe Conductor Casing	\$ -	0	\$20,000	\$20,000
8308 302	Surface Casing	\$ -	0	\$50,000	\$50,000
8308 303	Intermediate Casing	\$ -	0	\$125,000	\$125,000
8308 304	Intermediate Casing	\$ -	0	\$150,000	\$150,000
8308 305	Subs Flt Eqp Centralizers Etc				\$0
8308 306	Casinghead Drilling Spool			\$60,000	\$60,000
8308 307	Sub Surface Equipment				\$0
8308 308	Outside Operated Other				\$0
	SUB-TOTAL TANGIBLE DRILLING COSTS			\$405,000	\$405,000

TANGIBLE COMPLETION COSTS						
ACCT.	DESCRIPTION	Rate	Units		COMPLETION	TOTAL WELL COST
8309 401	Production Casing	\$ -	0		330,000	\$330,000
8309 402	Tubing	\$ -	0		40,000	40,000
8309 403	Subs Flt Eqp Centralizers Etc					
8309 404	Sub Surface Equipment				30,000	30,000
8309 405	Xmas Tree Upper Section				60,000	60,000
8309 406	Outside Operated Other					
SUB-TOTAL TANGIBLE COMPLETION COSTS					\$460,000	\$460,000
SUB-TOTAL TANGIBLE COSTS				\$405,000	\$460,000	\$865,000
SUB-TOTAL INTANGIBLE & TANGIBLE COSTS				\$3,007,641	\$5,266,500	\$8,174,141

PRODUCTION EQUIPMENT COSTS						
ACCT.	DESCRIPTION	Rate	Units		COMPLETION	TOTAL WELL COST
8311 501	Artificial Lift Equipment				\$15,000	\$15,000
8311 502	Prime Mover Electric Gas					
8311 503	Sales Gathering Line					
8311 504	Separation Equipment				50,000	50,000
8311 505	Oil Treating Heating Equipment					
8311 506	Gas Treating Dehy Equipment					
8311 507	Tanks				70,000	70,000
8311 508	Meters				25,000	25,000
8311 509	Electrical Equip Install				20,000	20,000
8311 510	Compressor					
8311 511	Flowlines				45,000	45,000
8311 512	Labor				50,000	50,000
8311 513	Trucks Hauling Transportation					
8311 514	Buildings					
8311 515	Roads & Locations				10,000	10,000
8311 516	Manifolds & Headers				15,000	15,000
8311 517	Chemical Injection System					
8311 518	Pipeline & Valves				45,000	45,000
8311 519	Welding					
8311 520	Surface Pumps				5,000	5,000
8311 521	Filters					
8311 522	Outside Operated Other					
8311 523	Environmental & Safety				10,000	10,000
8311 524	Engineering Supervision				30,000	30,000
8311 525	Surface Facilities				15,000	15,000
SUB-TOTAL PRODUCTION EQUIPMENT					\$405,000	\$405,000
SUB-TOTAL INTANGIBLE COSTS (PAGE 1)				\$2,602,641	\$4,706,500	\$7,309,141
SUB-TOTAL TANGIBLE COSTS (PAGE 2)				\$405,000	\$460,000	\$865,000
GRAND TOTAL				\$3,007,641	\$5,571,500	\$8,579,141
LESS OUTSIDE INTERESTS				\$3,007,641	\$5,571,500	\$8,579,141
TOTAL NET COSTS				\$0	\$0	\$0

Notice to Nonoperator: Costs shown on this form are estimates only. Nonoperators should not consider these estimates as establishing any limit on monies which will be required to perform the proposed operation.

PREPARED BY		DATE	
APPROVED		DATE	
APPROVED		DATE	
APPROVED		DATE	

GROSS AFE AMOUNT - DRY HOLE	\$3,007,641
NET DRYHOLE AFE AMOUNT	\$0
NET ASSET TRANSFERS	\$0
CASH OUTLAY THIS AFE	\$0
PREVIOUS AFE'S ISSUED	\$0
TOTAL CASH OUTLAY	\$0

WORKING INTEREST APPROVAL			
COMPANY	WORKING INTEREST	APPROVED BY	DATE

Ascent Energy, LLC

ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE (AFE)

COST CENTER	Gavlin Fed Com #602	BUD YEAR	2018	DATE	March 28, 2018
AFE NO.		CATEGORY	D&C	SUPPLEMENT NO.	
FIELD	Hat Mesa	REGION	Delaware Basin	LEGAL:	20S 33E
OPERATOR	Ascent Energy, LLC	WELL NO.		W.I.	
OBJECTIVE	3rd Bone Spring	STATE	NM	MD/TVD	+/-21,465/11,300'

ESTIMATED PROJECT START DATE: **3Q2018**

DESCRIPTION: Drill a 9900' lateral in the 2nd Bone Spring and frac with 66 stages. Assumes 4 string design.

INTANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8305 101	Location Cleanup & Damages			\$125,000	\$125,000
8305 102	Rig Move - MIRU, RDMO			\$100,000	\$100,000
8305 103	Rig Contractor-Daywork/FT	\$ 22,000	29	\$638,000	\$638,000
8305 104	Rig Contractor-Turnkey				0
8305 105	Power & Fuel			\$135,000	\$135,000
8305 106	Drill Fluids & Chemicals			\$130,000	\$130,000
8305 107	Bits, Reamer, Stabilizers			\$110,000	\$110,000
8305 108	Cement & Cementing Services			\$210,000	\$210,000
8305 109	Mud Logging			\$52,000	\$52,000
8305 110	Open Hole Logging			\$30,000	\$30,000
8305 111	Csg Crows & Tools			\$20,000	\$20,000
8305 112	Directional Tools & Service			\$210,000	\$210,000
8305 114	Form Eval - Well Testing DST - Coring, Sampling				0
8305 115	Tubular Inspection			\$20,000	\$20,000
8305 116	Equipment Rentals			\$330,000	\$330,000
8305 117	Contract Labor & Services			\$130,000	\$130,000
8305 118	Wellsite Consultants	\$ 2,000	58	\$116,000	\$116,000
8305 119	Company Supervision & Labor				0
8305 120	Transportation			\$20,000	\$20,000
8305 121	Mud Cuttings & Water Disposal			\$60,000	\$60,000
8305 122	Insurance	1,9243	20,600	\$39,641	\$39,641
8305 123	Overhead			\$25,000	\$25,000
8305 124	Water & Water Well			\$45,000	\$45,000
8305 125	Unanticipated MjExp (Fishing)				0
8305 126	Legal			\$50,000	\$50,000
8305 127	Outside Operated Other				0
8305 128	Permits			\$10,000	\$10,000
8305 129	Environmental & Safety			\$20,000	\$20,000
8305 130	Plugging				0
	SUBTOTAL			\$2,715,641	\$2,715,641
8305 199	CONTINGENCY (%)	0.00%		0	0
	SUB-TOTAL INTANGIBLE DRILLING COSTS			\$2,715,641	\$2,715,641

INTANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8306 201	Location & Cleanup			\$10,000	\$10,000
8306 202	Power & Fuel			20,000	20,000
8306 203	Compl Fluids & Chemicals			65,000	65,000
8306 204	Bits, Reamer, Stabilizers				0
8306 205	Cement & Cementing Svcs				0
8306 206	Logging & Perforation Svcs			275,000	275,000
8306 207	Csg Crows & Tools-Drive Hammer				0
8306 208	Directional Tools & Svcs				0
8306 209	Formation Stimulatn Acid Frac			3,300,000	3,300,000
8306 210	Formation Evaluation				0
8306 211	Tubular Inspection				0
8306 212	Equipment Rentals			165,000	165,000
8306 213	Contract Labor & Services				0
8306 214	Wellsite Consultant	\$ -	0	75,000	75,000
8306 215	Company Supervision & Labor				0
8306 216	Transportation			20,000	20,000
8306 217	Mud Cuttings & Water Disposal			15,000	15,000
8306 218	Insurance				0
8306 219	Overhead				0
8306 220	Water & Water Well			500,000	500,000
8306 221	Unanticipated MjExp Fishing				0
8306 222	Coil Tubing Services			100,000	100,000
8306 223	Misc Supplies & Materials			50,000	50,000
8306 224	Flowback Testing			76,500	76,500
8306 225	Legal & Permits			5,000	5,000
8306 226	Environmental & Safety Costs				0
8306 227	Plugging				0
8306 228	Completion Rig	\$ -	0	30,000	30,000
	SUBTOTAL			\$4,706,500	\$4,706,500
8306 299	CONTINGENCY (%)	0.00%		0	0
	SUB-TOTAL INTANGIBLE COMPLETION COSTS			\$4,706,500	\$4,706,500
	SUB-TOTAL INTANGIBLE COSTS			\$2,715,641	\$7,422,141

TANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8308 301	Drive Pipe Conductor Casing	\$ -	0	\$20,000	\$20,000
8308 302	Surface Casing	\$ -	0	\$50,000	\$50,000
8308 303	Intermediate Casing	\$ -	0	\$125,000	\$125,000
8308 304	Intermediate Casing	\$ -	0	\$150,000	\$150,000
8308 305	Subs Flt Foot Centralizers Etc				0
8308 306	Casinghead Drilling Spool			\$60,000	\$60,000
8308 307	Sub Surface Equipment				0
8308 308	Outside Operated Other				0
	SUB-TOTAL TANGIBLE DRILLING COSTS			\$405,000	\$405,000

TANGIBLE COMPLETION COSTS						
ACCT.	DESCRIPTION	Rate	Units		COMPLETION	TOTAL WELL COST
8309 401	Production Casing	\$ -	0		\$45,000	\$45,000
8309 402	Tubing	\$ -	0		43,000	43,000
8309 403	Subs Flt Eqp Centralizers Etc					0
8309 404	Sub Surface Equipment				30,000	30,000
8309 405	Xmas Tree Upper Section				60,000	60,000
8309 406	Outside Operated Other					0
	SUB-TOTAL TANGIBLE COMPLETION COSTS				\$478,000	\$478,000
	SUB-TOTAL TANGIBLE COSTS			\$405,000	\$478,000	\$883,000
	SUB-TOTAL INTANGIBLE & TANGIBLE COSTS			\$3,120,641	\$5,184,500	\$8,305,141
PRODUCTION EQUIPMENT COSTS						
					COMPLETION	TOTAL WELL COST
8311 501	Artificial Lift Equipment				\$15,000	\$15,000
8311 502	Prime Mover Electric Gas					0
8311 503	Sales Gathering Line					0
8311 504	Separation Equipment				50,000	50,000
8311 505	Oil Treating Heating Equipment					0
8311 506	Gas Treating Dehy Equipment					0
8311 507	Tanks				70,000	70,000
8311 508	Meters				25,000	25,000
8311 509	Electrical Equip Install				20,000	20,000
8311 510	Compressor					0
8311 511	Flowlines				45,000	45,000
8311 512	Labor				50,000	50,000
8311 513	Trucks Hauling Transportation					0
8311 514	Buildings					0
8311 515	Roads & Locations				10,000	10,000
8311 516	Manifolds & Headers				15,000	15,000
8311 517	Chemical Injection System					0
8311 518	Piping & Valves				45,000	45,000
8311 519	Welding					0
8311 520	Surface Pumps				5,000	5,000
8311 521	Filters					0
8311 522	Outside Operated Other					0
8311 523	Environmental & Safety				10,000	10,000
8311 524	Engineering Supervision				30,000	30,000
8311 525	Surface Facilities				15,000	15,000
	SUB-TOTAL PRODUCTION EQUIPMENT				\$405,000	\$405,000
	SUB-TOTAL INTANGIBLE COSTS (PAGE 1)			\$2,715,641	\$4,706,500	\$7,422,141
	SUB-TOTAL TANGIBLE COSTS (PAGE 2)			\$405,000	\$478,000	\$883,000
	GRAND TOTAL			\$3,120,641	\$5,589,500	\$8,710,141
	LESS OUTSIDE INTERESTS			\$3,120,641	\$5,589,500	\$8,710,141
	TOTAL NET COSTS			\$0	\$0	\$0

Notice to Nonoperator: Costs shown on this form are estimates only. Nonoperators should not consider these estimates as establishing any limit on monies which will be required to perform the proposed operation.

PREPARED BY	DATE	GROSS AFE AMOUNT - DRY HOLE	\$3,120,641
APPROVED	DATE	NET DRYHOLE AFE AMOUNT	\$0
APPROVED	DATE	NET ASSET TRANSFERS	\$0
APPROVED	DATE	CASH OUTLAY THIS AFE	\$0
APPROVED	DATE	PREVIOUS AFE'S ISSUED	\$0
		TOTAL CASH OUTLAY	\$0

WORKING INTEREST APPROVAL			
COMPANY	WORKING INTEREST	APPROVED BY	DATE

Ascent Energy, LLC

ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE (AFE)

COST CENTER **Gavilion Fed Com #703H** BUD YEAR **2018** DATE _____
 AFE NO. _____ CATEGORY **D&C** SUPPLEMENT NO. _____
 FIELD **Hat Mesa** REGION **Delaware Basin** LEGAL: **20S 33E**
 OPERATOR **Ascent Energy, LLC** WELL NO. _____ W.I. _____
 OBJECTIVE **WolfCamp A** STATE **NM** MD/TVD **+/-21,750'/11,580'**

ESTIMATED PROJECT START DATE: **3Q2018**

DESCRIPTION: Drill a 9900' lateral in the Wolfcamp A and frac with 66 stages. Assumes 4 string design.

INTANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8305 101	Location Cleanup & Damages			\$125,000	\$125,000
8305 102	Rig Move - MIRU, RDMO			\$100,000	\$100,000
8305 103	Rig Contractor-Daywork/FT	\$ 22,000	31	\$682,000	\$682,000
8305 104	Rig Contractor-Turnkey				0
8305 105	Power & Fuel			\$140,000	\$140,000
8305 106	Drill Fluids & Chemicals			\$190,000	\$190,000
8305 107	Bits, Reamer, Stabilizers			\$130,000	\$130,000
8305 108	Cement & Cementing Services			\$230,000	\$230,000
8305 109	Mud Logging			\$54,000	\$54,000
8305 110	Open Hole Logging			\$30,000	\$30,000
8305 111	Csg Crews & Tools			\$95,000	\$95,000
8305 112	Directional Tools & Service			\$220,000	\$220,000
8305 114	Form Eval - Well Testing DST - Coring, Sampling				0
8305 115	Tubular Inspection			\$20,000	\$20,000
8305 116	Equipment Rentals			\$330,000	\$330,000
8305 117	Contract Labor & Services			\$130,000	\$130,000
8305 118	Wellsite Consultants	\$ 2,000	62	\$124,000	\$124,000
8305 119	Company Supervision & Labor				0
8305 120	Transportation			\$20,000	\$20,000
8305 121	Mud Cuttings & Water Disposal			\$80,000	\$80,000
8305 122	Insurance	1.9243	21,650	\$41,661	\$41,661
8305 123	Overhead			\$25,000	\$25,000
8305 124	Water & Water Well			\$50,000	\$50,000
8305 125	Unanticipated MirExp (Fishing)				0
8305 126	Legal			\$50,000	\$50,000
8305 127	Outside Operated Other				0
8305 128	Permits			\$10,000	\$10,000
8305 129	Environmental & Safety			\$20,000	\$20,000
8305 130	Plugging				0
	SUBTOTAL			\$2,896,661	\$2,896,661
8305 199	CONTINGENCY (%) 0.00%			0	0
	SUB-TOTAL INTANGIBLE DRILLING COSTS			\$2,896,661	\$2,896,661

INTANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8306 201	Location & Cleanup			\$10,000	\$10,000
8306 202	Power & Fuel			20,000	20,000
8306 203	Comp Fluids & Chemicals			65,000	65,000
8306 204	Bits, Reamer, Stabilizers				0
8306 205	Cement & Cementing Svcs				0
8306 206	Logging & Perforation Svcs			275,000	275,000
8306 207	Csg Crews & Tools-Drive Hammer				0
8306 208	Directional Tools & Svcs				0
8306 209	Formation Stimulatn Acid Frac			3,300,000	3,300,000
8306 210	Formation Evaluation				0
8306 211	Tubular Inspection				0
8306 212	Equipment Rentals			165,000	165,000
8306 213	Contract Labor & Services				0
8306 214	Wellsite Consultant	\$ -	0	75,000	75,000
8306 215	Company Supervision & Labor				0
8306 216	Transportation			20,000	20,000
8306 217	Mud Cuttings & Water Disposal			15,000	15,000
8306 218	Insurance				0
8306 219	Overhead				0
8306 220	Water & Water Well			500,000	500,000
8306 221	Unanticipated MalExp Fishing				0
8306 222	Coil Tubing Services			100,000	100,000
8306 223	Misc Supplies & Materials			50,000	50,000
8306 224	Flowback Testing			76,500	76,500
8306 225	Legal & Permits			5,000	5,000
8306 226	Environmental & Safety Costs				0
8306 227	Plugging				0
8306 228	Completion Rig	\$ -	0	30,000	30,000
	SUBTOTAL			\$4,706,500	\$4,706,500
8306 299	CONTINGENCY (%) 0.00%			0	0
	SUB-TOTAL INTANGIBLE COMPLETION COSTS			\$4,706,500	\$4,706,500
	SUB-TOTAL INTANGIBLE COSTS			\$2,896,661	\$7,603,161

TANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8308 301	Drive Pipe Conductor Casing	\$ -	0	\$20,000	\$20,000
8308 302	Surface Casing	\$ -	0	\$50,000	\$50,000
8308 303	Intermediate Casing	\$ -	0	\$125,000	\$125,000
8308 304	Intermediate Casing	\$ -	0	\$150,000	\$150,000
8308 305	Subs Fit Eopt Centralizers Etc				0
8308 306	Casinghead Drilling Spool			\$60,000	\$60,000
8308 307	Sub Surface Equipment				0
8308 308	Outside Operated Other				0
	SUB-TOTAL TANGIBLE DRILLING COSTS			\$405,000	\$405,000

TANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8309 401	Production Casing	\$ -	0	350,000	\$350,000
8309 402	Tubing	\$ -	0	45,000	45,000
8309 403	Subs Fit Foot Centralizers Etc				0
8309 404	Sub Surface Equipment			30,000	30,000
8309 405	Xmas Tree Upper Section			60,000	60,000
8309 406	Outside Operated Other				0
SUB-TOTAL TANGIBLE COMPLETION COSTS				\$485,000	\$485,000
SUB-TOTAL TANGIBLE COSTS				\$405,000	\$890,000
SUB-TOTAL INTANGIBLE & TANGIBLE COSTS				\$3,301,661	\$8,493,161

PRODUCTION EQUIPMENT COSTS

ACCT.	DESCRIPTION	COMPLETION	TOTAL WELL COST
8311 501	Artificial Lift Equipment	\$15,000	\$15,000
8311 502	Prime Mover Electric Gas		0
8311 503	Sales Gathering Line		0
8311 504	Separation Equipment	50,000	50,000
8311 505	Oil Treating Heating Equipment		0
8311 506	Gas Treating Dehy Equipment		0
8311 507	Tanks	70,000	70,000
8311 508	Meters	25,000	25,000
8311 509	Electrical Equip Install	20,000	20,000
8311 510	Compressor		0
8311 511	Flowlines	45,000	45,000
8311 512	Labor	50,000	50,000
8311 513	Trucks Hauling Transportation		0
8311 514	Buildings		0
8311 515	Roads & Locations	10,000	10,000
8311 516	Manifolds & Headers	15,000	15,000
8311 517	Chemical Injection System		0
8311 518	Piping & Valves	45,000	45,000
8311 519	Welding		0
8311 520	Surface Pumps	5,000	5,000
8311 521	Filters		0
8311 522	Outside Operated Other		0
8311 523	Environmental & Safety	10,000	10,000
8311 524	Engineering Supervision	30,000	30,000
8311 525	Surface Facilities	15,000	15,000
SUB-TOTAL PRODUCTION EQUIPMENT			\$405,000
SUB-TOTAL INTANGIBLE COSTS (PAGE 1)			\$2,896,661
SUB-TOTAL TANGIBLE COSTS (PAGE 2)			\$405,000
GRAND TOTAL			\$3,301,661
LESS OUTSIDE INTERESTS			\$3,301,661
TOTAL NET COSTS			\$0

Notice to Nonoperator: Costs shown on this form are estimates only. Nonoperators should not consider these estimates as establishing any limit on monies which will be required to perform the proposed operation.

PREPARED BY	DATE	GROSS AFE AMOUNT - DRY HOLE	\$3,301,661
APPROVED	DATE	NET DRYHOLE AFE AMOUNT	\$0
APPROVED	DATE	NET ASSET TRANSFERS	\$0
APPROVED	DATE	CASH OUTLAY THIS AFE	\$0
APPROVED	DATE	PREVIOUS AFE'S ISSUED	\$0
		TOTAL CASH OUTLAY	\$0

WORKING INTEREST APPROVAL

COMPANY	WORKING INTEREST	APPROVED BY	DATE

Ascent Energy, LLC

ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE (AFE)

COST CENTER Gavilion Fed Com #704H BUD YEAR 2018 DATE _____
 AFE NO. _____ CATEGORY D&C SUPPLEMENT NO. _____
 FIELD Hat Mesa REGION Delaware Basin LEGAL: 205 33E
 OPERATOR Ascent Energy, LLC WELL NO. _____ W.I. _____
 OBJECTIVE WolfCamp X/Y Sands STATE NM MD/TVD +/-21,600'/11,430'

ESTIMATED PROJECT START DATE: 3Q2018

DESCRIPTION: Drill a 9900' lateral in the Wolfcamp A and frac with 66 stages. Assumes 4 string design.

INTANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8305 101	Location Cleanup & Damages			\$125,000	\$125,000
8305 102	Rig Move - MIRU, RDMO			\$100,000	\$100,000
8305 103	Rig Contractor-Daywork/FT	\$ 22,000	31	\$682,000	\$682,000
8305 104	Rig Contractor-Turnkey				0
8305 105	Power & Fuel			\$140,000	\$140,000
8305 106	Drill Fluids & Chemicals			\$190,000	\$190,000
8305 107	Bits, Reamer, Stabilizers			\$130,000	\$130,000
8305 108	Cement & Cementing Services			\$230,000	\$230,000
8305 109	Mud Logging			\$54,000	\$54,000
8305 110	Open Hole Logging			\$30,000	\$30,000
8305 111	Cas Crews & Tools			\$95,000	\$95,000
8305 112	Directional Tools & Service			\$220,000	\$220,000
8305 114	Form Eval - Well Testing DST - Coring, Sampling				0
8305 115	Tubular Inspection			\$20,000	\$20,000
8305 116	Equipment Rentals			\$330,000	\$330,000
8305 117	Contract Labor & Services			\$130,000	\$130,000
8305 118	Wellsite Consultants	\$ 2,000	62	\$124,000	\$124,000
8305 119	Company Supervision & Labor				0
8305 120	Transportation			\$20,000	\$20,000
8305 121	Mud Cuttings & Water Disposal			\$80,000	\$80,000
8305 122	Insurance	1,9243	21,650	\$41,661	\$41,661
8305 123	Overhead			\$25,000	\$25,000
8305 124	Water & Water Well			\$50,000	\$50,000
8305 125	Unanticipated MalExp (Fishing)				0
8305 126	Legal			\$50,000	\$50,000
8305 127	Outside Operated Other				0
8305 128	Permits			\$10,000	\$10,000
8305 129	Environmental & Safety			\$20,000	\$20,000
8305 130	Plugging				0
	SUBTOTAL			\$2,896,661	\$2,896,661
8305 199	CONTINGENCY (%) 0.00%			0	0
	SUB-TOTAL INTANGIBLE DRILLING COSTS			\$2,896,661	\$2,896,661

INTANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8306 201	Location & Cleanup			\$10,000	\$10,000
8306 202	Power & Fuel			20,000	20,000
8306 203	Compl Fluids & Chemicals			65,000	65,000
8306 204	Bits, Reamer, Stabilizers				0
8306 205	Cement & Cementing Svcs				0
8306 206	Logging & Perforation Svcs			275,000	275,000
8306 207	Cas Crews & Tools-Drive Hammer				0
8306 208	Directional Tools & Svcs				0
8306 209	Formation Stimulatn Acid Frac			\$3,300,000	\$3,300,000
8306 210	Formation Evaluation				0
8306 211	Tubular Inspection				0
8306 212	Equipment Rentals			165,000	165,000
8306 213	Contract Labor & Services				0
8306 214	Wellsite Consultant	\$ -	0	75,000	75,000
8306 215	Company Supervision & Labor				0
8306 216	Transportation			20,000	20,000
8306 217	Mud Cuttings & Water Disposal			15,000	15,000
8306 218	Insurance				0
8306 219	Overhead				0
8306 220	Water & Water Well			500,000	500,000
8306 221	Unanticipated MalExp Fishing				0
8306 222	Coil Tubing Services			100,000	100,000
8306 223	Misc Supplies & Materials			50,000	50,000
8306 224	Flowback Testing			76,500	76,500
8306 225	Legal & Permits			5,000	5,000
8306 226	Environmental & Safety Costs				0
8306 227	Plugging				0
8306 228	Completion Rig	\$ -	0	30,000	30,000
	SUBTOTAL			\$4,706,500	\$4,706,500
8306 299	CONTINGENCY (%) 0.00%			0	0
	SUB-TOTAL INTANGIBLE COMPLETION COSTS			\$4,706,500	\$4,706,500
	SUB-TOTAL INTANGIBLE COSTS			\$2,896,661	\$7,603,161

TANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8308 301	Drive Pipe Conductor Casing	\$ -	0	\$20,000	\$20,000
8308 302	Surface Casing	\$ -	0	\$50,000	\$50,000
8308 303	Intermediate Casing	\$ -	0	\$125,000	\$125,000
8308 304	Intermediate Casing	\$ -	0	\$150,000	\$150,000
8308 305	Subs Flt Foot Centralizers Etc				0
8308 306	Casinghead Drilling Snoot			\$60,000	\$60,000
8308 307	Sub Surface Equipment				0
8308 308	Outside Operated Other				0
	SUB-TOTAL TANGIBLE DRILLING COSTS			\$405,000	\$405,000

TANGIBLE COMPLETION COSTS						
ACCT.	DESCRIPTION	Rate	Units		COMPLETION	TOTAL WELL COST
8309 401	Production Casing	\$ -	0		350,000	\$350,000
8309 402	Tubing	\$ -	0		45,000	45,000
8309 403	Subs Fit Equip Centralizers Etc					0
8309 404	Sub Surface Equipment				30,000	30,000
8309 405	Xmas Tree Upper Section				60,000	60,000
8309 406	Outside Operated Other					0
	SUB-TOTAL TANGIBLE COMPLETION COSTS				\$485,000	\$485,000
	SUB-TOTAL TANGIBLE COSTS			\$405,000	\$485,000	\$890,000
	SUB-TOTAL INTANGIBLE & TANGIBLE COSTS			\$3,301,661	\$5,191,500	\$8,493,161

PRODUCTION EQUIPMENT COSTS						
					COMPLETION	TOTAL WELL COST
8311 501	Artificial Lift Equipment				\$15,000	\$15,000
8311 502	Prime Mover Electric Gas					0
8311 503	Sales Gathering Line					0
8311 504	Separation Equipment				50,000	50,000
8311 505	Oil Treating Heating Equipment					0
8311 506	Gas Treating Dehy Equipment					0
8311 507	Tanks				70,000	70,000
8311 508	Meters				25,000	25,000
8311 509	Electrical Equip Install				20,000	20,000
8311 510	Compressor					0
8311 511	Flowlines				45,000	45,000
8311 512	Labor				50,000	50,000
8311 513	Trucks Hauling Transportation					0
8311 514	Buildings					0
8311 515	Roads & Locations				10,000	10,000
8311 516	Manifolds & Headers				15,000	15,000
8311 517	Chemical Injection System					0
8311 518	Piping & Valves				45,000	45,000
8311 519	Welding					0
8311 520	Surface Pumps				5,000	5,000
8311 521	Filters					0
8311 522	Outside Operated Other					0
8311 523	Environmental & Safety				10,000	10,000
8311 524	Engineering Supervision				30,000	30,000
8311 525	Surface Facilities				15,000	15,000
	SUB-TOTAL PRODUCTION EQUIPMENT				\$405,000	\$405,000
	SUB-TOTAL INTANGIBLE COSTS (PAGE 1)			\$2,896,661	\$4,706,500	\$7,603,161
	SUB-TOTAL TANGIBLE COSTS (PAGE 2)			\$405,000	\$485,000	\$890,000
	GRAND TOTAL			\$3,301,661	\$5,596,500	\$8,898,161
	LESS OUTSIDE INTERESTS			\$3,301,661	\$5,596,500	\$8,898,161
	TOTAL NET COSTS			\$0	\$0	\$0

Notice to Nonoperator: Costs shown on this form are estimates only. Nonoperators should not consider these estimates as establishing any limit on monies which will be required to perform the proposed operation.

PREPARED BY	DATE	GROSS AFE AMOUNT - DRY HOLE	\$3,301,661
APPROVED	DATE	NET DRYHOLE AFE AMOUNT	\$0
APPROVED	DATE	NET ASSET TRANSFERS	\$0
APPROVED	DATE	CASH OUTLAY THIS AFE	\$0
APPROVED	DATE	PREVIOUS AFE'S ISSUED	\$0
		TOTAL CASH OUTLAY	\$0

WORKING INTEREST APPROVAL			
COMPANY	WORKING INTEREST	APPROVED BY	DATE

Offset Operators and Working Interest Owners

SE/4SE/4 Section 20

Devon Energy Production Company

SW/4SW/4 Section 21

COG Operating LLC

SE/4SW/4 Section 21

EOG Y Resources, Inc.

E/2NW/4 and NE/4SW/4 Section 28

Marathon Oil Permian LLC

SE/4SW/4 Section 28

XTO Energy Inc.

E/2W/2 Section 33

COG Operating LLC

John Benedict

Lots 3 and 4 Section 4-21S-32E

Bureau of Land Management

Lots 1 and 2 Section 5-21S-32E

Chevron U.S.A. Inc.

RKC Inc.

E/2 Section 32

ExxonMobil Corporation

Strata Production Company

E/2 Section 29

Devon Energy Production Company, L.P.

ATTACHMENT

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