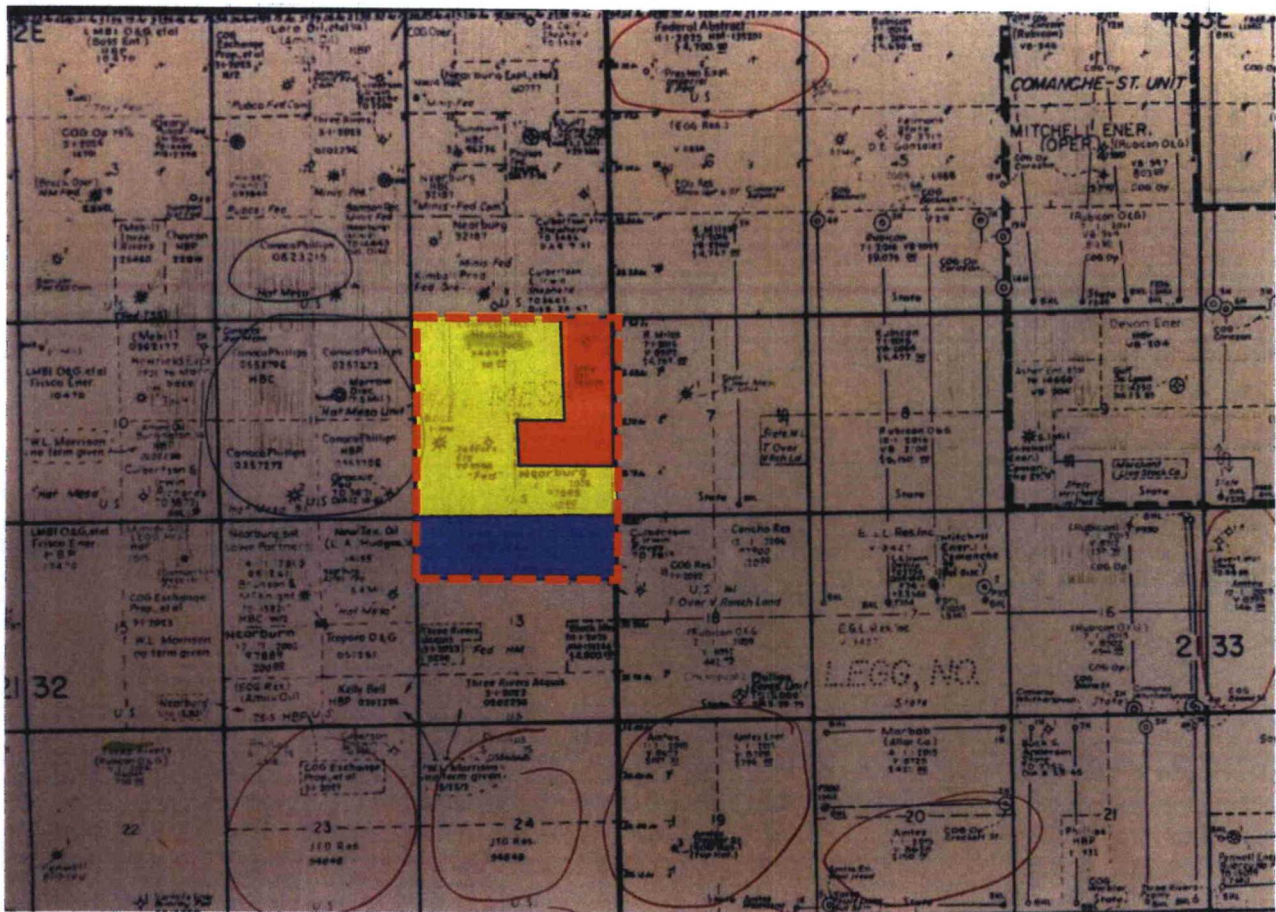
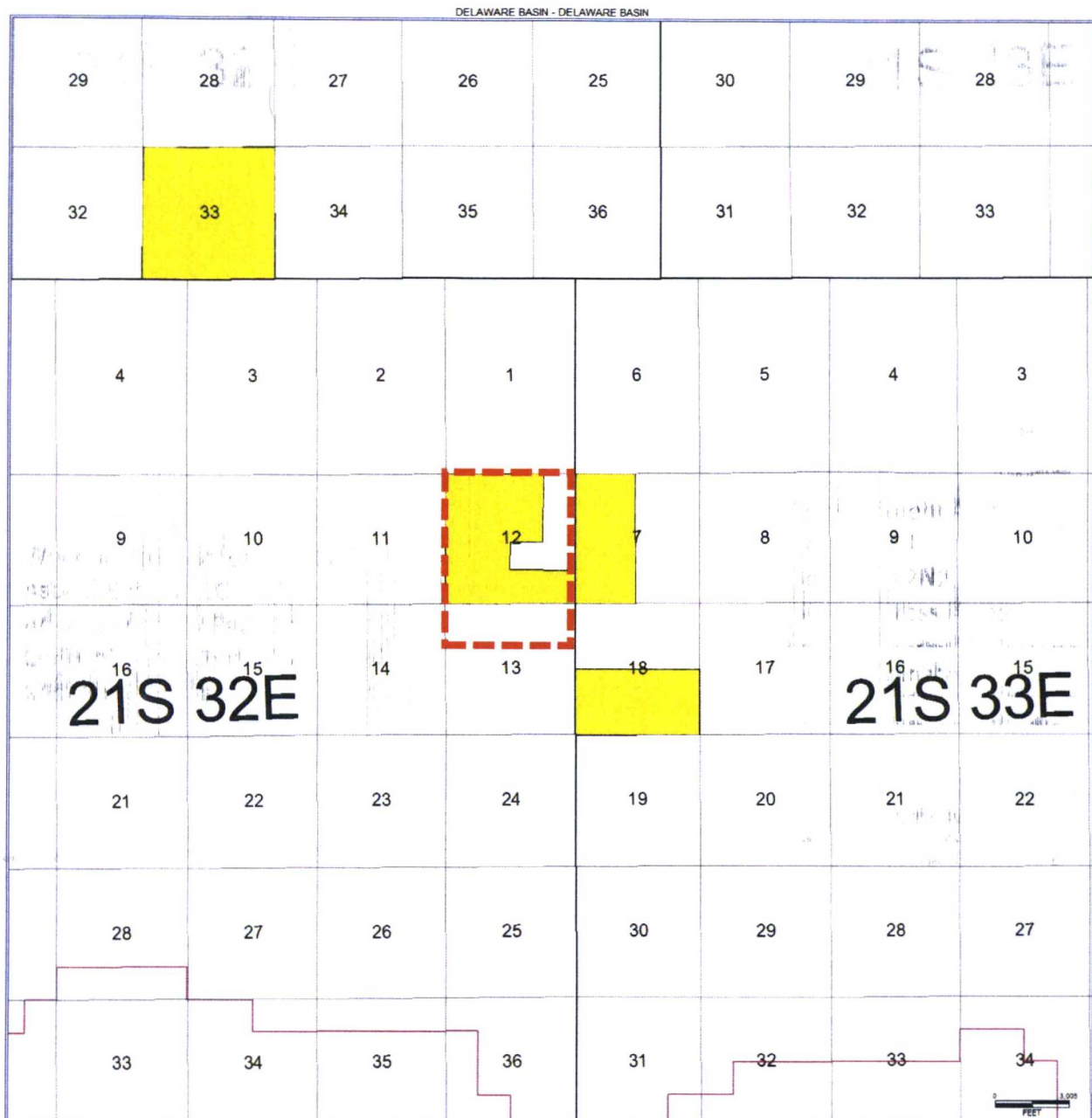


Big Bucks Development Area  
Township 21 South, Range 32 East  
 Section 12: All  
 Section 13: N2N2  
 800.00 Gross Acres  
 Lea County, NM  
 Case No. 16084-16087



- Ascent Energy LLC et al – 100%  
480.00 Gross Acres
- ConocoPhillip Company – 100%  
160.00 Gross Acres
- Chevron USA Inc. – 100%  
160.00 Gross Acres

Ascent Energy, LLC
Exhibit
Midland Map T21S-R32E
Case No. 16084-16087



**Working Interest for Big Bucks Development Area:**

Ascent Energy LLC:	57.375%
Advance Energy Partners	2.625%
ConocoPhillips Company	20.00%
Chevron USA Inc.	<u>20.00%</u>
<b>Total:</b>	<b>100.00%</b>



**Development Area**

Sec. 12: All  
 Sec. 13: N2N2  
 800.00 Gross Acres

Ascent Energy LLC



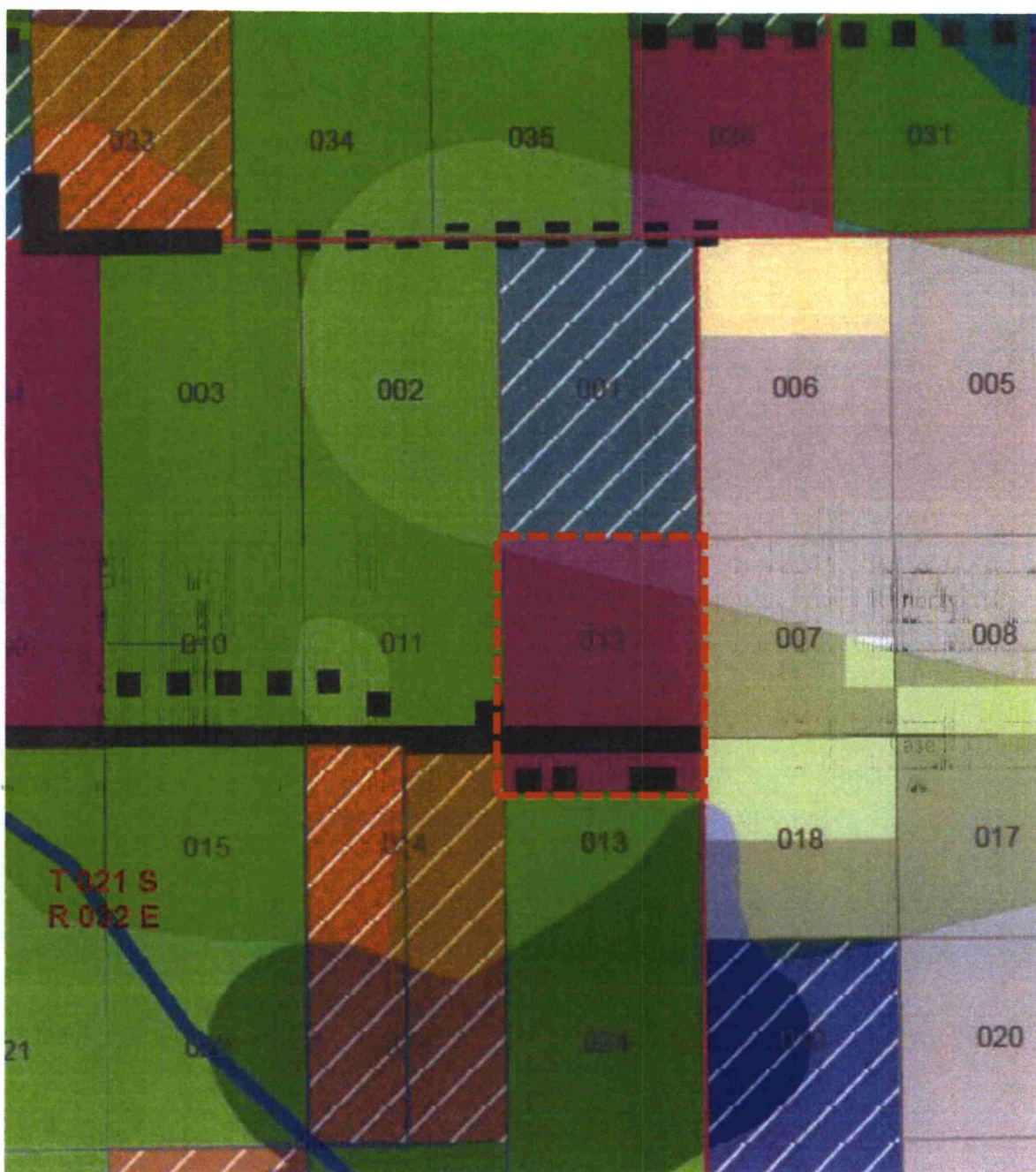
Exhibit **2**


Ascent Energy Lease Map  
 Hat Mesa Area


Case No. 16084-16087



## BLM Carlsbad Field Office Development Areas



 Big Bucks Development Area  
 T21S-R32E  
 Section 12: ALL  
 Section 13: N2N2

Ascent Energy, LLC	
Exhibit	
BLM Development Area Map	
Case No. 16084-16087	

## Summary of Big Buck Development Area

- 1/12/2018 – Meeting with the BLM and Concho Resources Inc. to discuss the Big Bucks Development Area and Drill Island
- 1/23/2018 – Drill Island onsite meeting with the BLM
- 3/23/2018 – BLM approved Development Area, Ascent named as operator

Ascent Energy, LLC
Exhibit <b>4</b>
Summary of Big Bucks Development Area
Case No. 16084-16087



Township 21 South, Range 32 East

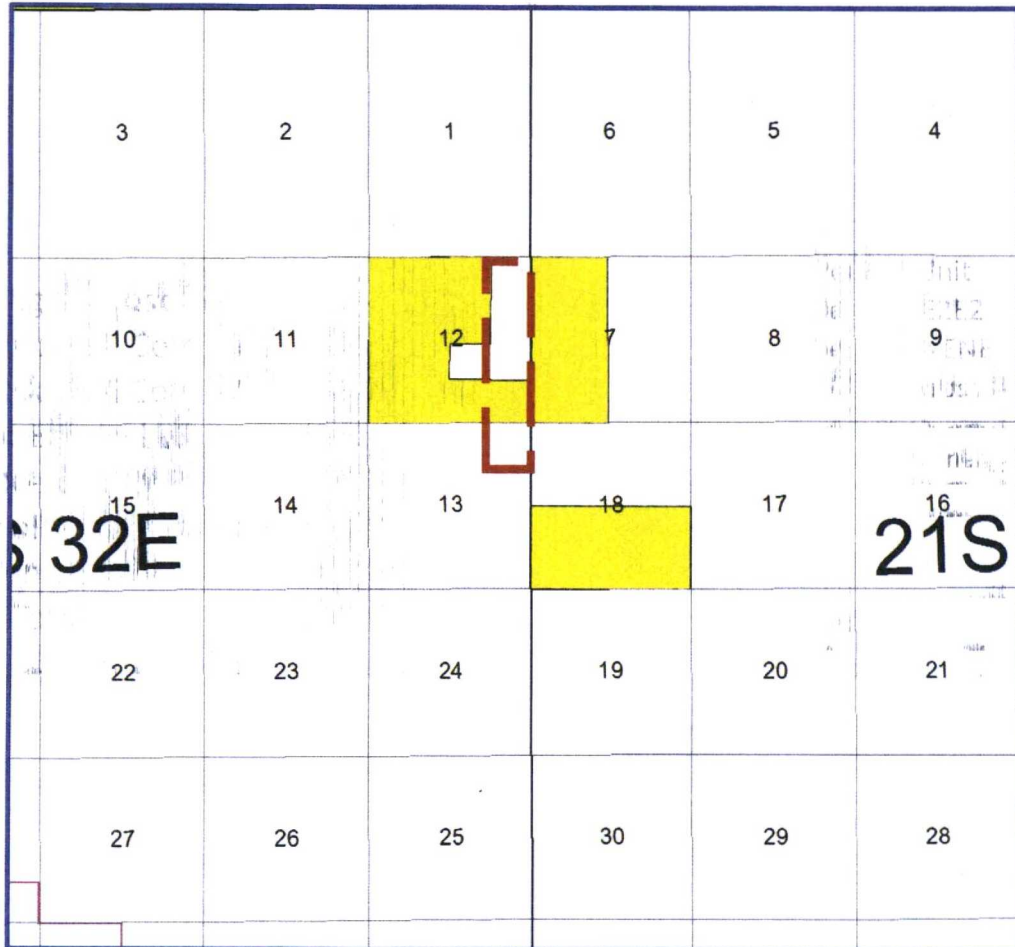
Section 18: E2E2

Section 13: NENE

200.00 Gross Acres

Lea County, NM

Case No. 16084 & 16085



Working Interest for:

Big Bucks Fed Com #501H (Bone Spring Formation)

Big Bucks Fed Com #701H (Wolfcamp Formation)

Ascent Energy LLC: 19.125%

Advance Energy Partners 0.875%

ConocoPhillips Company 60.00%

Chevron USA Inc. 20.00%

Total: 100.00%



Pooling Unit

Sec. 12: E2E2

Sec. 13: NENE

200.00 Gross Acres

Ascent Energy, LLC
Exhibit <u>5</u>
Ascent Energy Working Interest Pooling Unit Map
Case No. 16084 & 16085

Township 21 South, Range 32 East

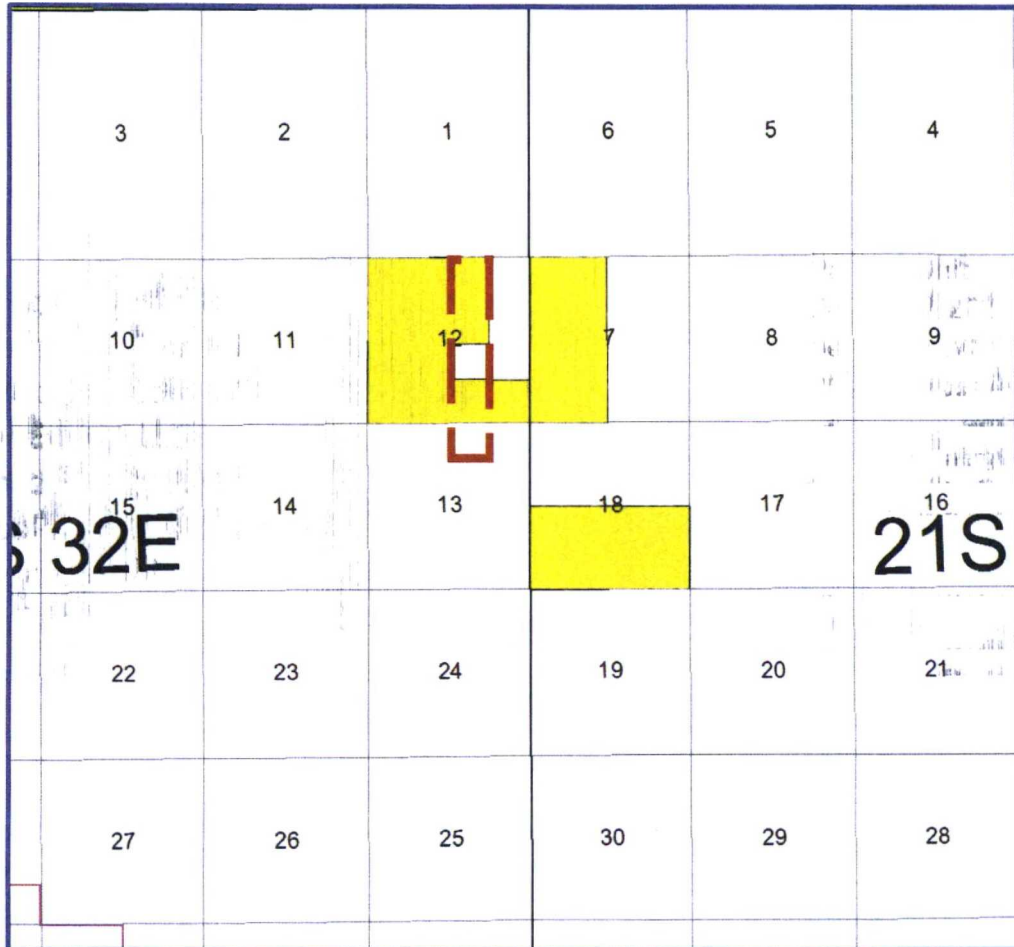
Section 12: W2E2

Section 13: NWNE

200.00 Gross Acres

Lea County, NM

Case No. 16086 & 16087



Working Interest for:

Big Bucks Fed Com #503H (Bone Spring Formation)

Big Bucks Fed Com #703H (Wolfcamp Formation)

Ascent Energy LLC: 57.375%

Advance Energy Partners 2.625%

ConocoPhillips Company 20.00%

Chevron USA Inc. 20.00%

Total: 100.00%




Pooling Unit

Sec. 12: W2E2

Sec. 13: NWNE


200.00 Gross Acres

Ascent Energy, LLC	
Exhibit <b>b</b>	
Ascent Energy Working Interest Pooling Unit Map	
Case No. 16086 & 16087	




**Summary of Communications**  
**Big Buck Development Area Wells**  
**ConocoPhillip Company**  
**Case No. 16084-16087**

- 11/17/2016 – Emailed Letter of Intent to Purchase Term Assignment to ConocoPhillips (“COP”) for its interest in Sec. 12, T21S-R32E.
- 4/30/2017 – Emailed Letter of Intent to Purchase to COP covering multiple prospects which COP self marketed including its interest in Big Bucks Development Area.
- 11/1/2017 – Sent well proposals for the Big Bull Fed Com #504H, Big Bull Fed Com #705H, Big Stagg Fed Com #503H, Big Staff Fed Com #703H to ConocoPhillips, including a draft Operating Agreement.
- 11/15/2017 – Met with member of COP’s land team to discuss well proposals.
- 11/29/2017- Met with members of COP’s technical and asset team in their office to discuss the well proposals.
- 2/16/2018 – Withdrew the Big Bull Fed Com #504H, Big Bull Fed Com #705H, Big Stagg Fed Com #503H, Big Staff Fed Com #703H because of change of the drill island locations.
- 2/16/2018 – Proposed the Big Bucks Fed Com #501H, Big Bucks Fed Com #701H, Big Stagg Fed Com #503H, Big Staff Fed Com #703H based on the approved BLM drill islands.
- 3/20/2018 – Filed for compulsory pooling.

Ascent Energy, LLC	
Exhibit	<b>7</b>
Summary of Communications	
Case No. 16084-16087	

Summary of Communications  
Big Buck Development Area Wells  
Chevron USA Inc.  
Case No. 16084-16087

- 11/17/2016 – Emailed Letter of Intent to Purchase Term Assignment to Chevron for its interest in Sec. 13, T21S-R32E.
- 10/11/2017 – Emailed Letter of Intent to Purchase Term Assignment to Chevron for its interest in Sec. 13, T21S-R32E.
- 11/1/2017 – Sent well proposals for the Big Bull Fed Com #504H, Big Bull Fed Com #705H, Big Stagg Fed Com #503H, Big Staff Fed Com #703H to Chevron, including a draft Operating Agreement.
- 1/3/2018 - Met with members of Chevron's technical and asset team in their office to discuss the well proposals.
- 2/16/2018 – Withdrew the Big Bull Fed Com #504H, Big Bull Fed Com #705H, Big Stagg Fed Com #503H, Big Staff Fed Com #703H because of change of the drill islands locations.
- 2/16/2018 – Proposed the Big Bucks Fed Com #501H, Big Bucks Fed Com #701H, Big Stagg Fed Com #503H, Big Staff Fed Com #703H based on the approved BLM drill islands.
- 3/20/2018 – Filed for compulsory pooling.

Ascent Energy, LLC	
Exhibit	8
Summary of Communications	
Case No. 16084-16087	





February 16, 2018

Chevron USA Inc.  
1400 Smith Street - 40195  
Houston, TX 77002  
Attn: Ms. Gabrielle Garcia

RE: Big Bucks Fed Com #501H  
T21S-R32E  
Sec. 12: E2E2  
Sec. 13: NENE  
200 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 Big Bucks Fed Com #501H well (the "Well") to test the Bone Spring formation at a total vertical depth of 10,830' and a total measured depth of 17,000' ("Operation"). The estimated cost associated with the Operation is \$7,452,634, as outlined in the enclosed Authority for Expenditure dated February 15, 2018. Ascent's records indicate that Chevron USA Inc. ("Chevron") owns a 20.00% working interest in the Well, and Chevron's estimated costs associated with this Operation is approximately \$1,490,526.

The proposed surface location of the Well is 125' FSL & 470' FEL of Section 1, Township 21 South, Range 32 East with a proposed bottom hole location 990' FNL & 390' FEL of Section 13 Township 21 South, Range 32 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 21 South, Range 32 East  
Section 12: E2E2  
Section 13: NENE
- Ascent named as Operator
- 100%/300%/300% non-consent penalties
- \$7,000.00/\$700.00 drilling and producing overhead rates

EXHIBIT

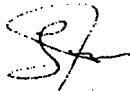
9

February 16, 2018  
Big Bucks Fed Com #501H  
Page 2 of 2

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

Ascent looks forward to working with Chevron 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](mailto:lzink@ascentenergy.us).

Very Truly Yours,



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

Enclosure(s): Big Bucks Fed Com #501H AFE  
Draft 2015 Horizontal AAPL Form 610 Operating Agreement (email only)

\_\_\_\_ Chevron USA Inc. hereby elects to participate in the proposed Operation by paying its proportionate share of the costs outlined on the Big Bucks Fed Com #501H AFE.

\_\_\_\_ Chevron USA Inc. hereby elects not to participate in the proposed Operation.

Working Interest Owner:

Chevron USA Inc.

\_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_





February 16, 2018

Chevron USA Inc.  
1400 Smith Street - 40195  
Houston, TX 77002  
Attn: Ms. Gabrielle Garcia

RE: Big Bucks Fed Com #701H  
T21S-R32E  
Sec. 12: E2E2  
Sec. 13: NENE  
200 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 Big Bucks Fed Com #701H well (the "Well") to test the Wolfcamp formation at a total vertical depth of 11,690' and a total measured depth of 17,860' ("Operation"). The estimated cost associated with the Operation is \$8,060,355, as outlined in the enclosed Authority for Expenditure dated February 15, 2018. Ascent's records indicate that Chevron USA Inc. ("Chevron") owns a 20.00% working interest in the Well, and Chevron's estimated costs associated with this Operation is approximately \$1,612,071.

The proposed surface location of the Well is 125' FSL & 440' FEL of Section 1, Township 21 South, Range 32 East with a proposed bottom hole location 990' FNL & 365' FEL of Section 13 Township 21 South, Range 32 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 21 South, Range 32 East  
Section 12: E2E2  
Section 13: NENE
- Ascent named as Operator
- 100%/300%/300% non-consent penalties
- \$7,000.00/\$700.00 drilling and producing overhead rates

February 16, 2018  
Big Bucks Fed Com #701H  
Page 2 of 2

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

Ascent looks forward to working with Chevron 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](mailto:lzink@ascentenergy.us).

Very Truly Yours,



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

Enclosure(s): Big Bucks Fed Com #701H AFE  
Draft 2015 Horizontal AAPL Form 610 Operating Agreement (email only)

\_\_\_\_ Chevron USA Inc. hereby elects to participate in the proposed Operation by paying its proportionate share of the costs outlined on the Big Bucks Fed Com #701H AFE.

\_\_\_\_ Chevron USA Inc. hereby elects not to participate in the proposed Operation.

Working Interest Owner:

Chevron USA Inc.

\_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_





February 16, 2018

Chevron USA Inc.  
1400 Smith Street - 45116  
Houston, TX 77002  
Attn: Ms. Gabrielle Garcia

RE: Big Stagg Fed Com #503H  
T21S-R32E  
Sec. 12: W2E2  
Sec. 13: NWNE  
200 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 Big Stagg Fed Com #503H well (the "Well") to test the Bone Spring formation at a total vertical depth of 10,800' and a total measured depth of 16,970' ("Operation"). The estimated cost associated with the Operation is \$7,452,571, as outlined in the enclosed Authority for Expenditure dated February 15, 2018. Ascent's records indicate that Chevron USA Inc. ("Chevron") owns a 20.00% working interest in the Well, and Chevron's estimated costs associated with this Operation is approximately \$1,490,514.

The proposed surface location of the Well is 30' FSL & 2,250' FEL of Section 1, Township 21 South, Range 32 East with a proposed bottom hole location 990' FNL & 2,190' FEL of Section 13 Township 21 South, Range 32 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.

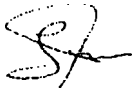
- Contract Area:  
Township 21 South, Range 32 East  
Section 12: All  
Section 13: N2N2
- Ascent named as Operator
- 100%/300%/300% non-consent penalties
- \$7,000.00/\$700.00 drilling and producing overhead rates

February 16, 2018  
Big Stagg Fed Com #503H  
Page 2 of 2

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

Ascent looks forward to working with Chevron 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](mailto:lzink@ascentenergy.us).

Very Truly Yours,



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

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

\_\_\_\_ Chevron USA Inc. hereby elects to participate in the proposed Operation by paying its proportionate share of the costs outlined on the Big Stagg Fed Com #503H AFE.

\_\_\_\_ Chevron USA Inc. hereby elects not to participate in the proposed Operation.

Working Interest Owner:

Chevron USA Inc.  
\_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



February 16, 2018

Chevron USA Inc.  
1400 Smith Street - 45116  
Houston, TX 77002  
Attn: Ms. Gabrielle Garcia

RE: Big Stagg Fed Com #703H  
T21S-R32E  
Sec. 12: W2E2  
Sec. 13: NWNE  
200 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 Big Stagg Fed Com #703H well (the "Well") to test the Wolfcamp formation at a total vertical depth of 11,670' and a total measured depth of 17,840' ("Operation"). The estimated cost associated with the Operation is \$8,060,312, as outlined in the enclosed Authority for Expenditure dated February 15, 2018. Ascent's records indicate that Chevron USA Inc. ("Chevron") owns a 20.00% working interest in the Well, and Chevron's estimated costs associated with this Operation is approximately \$1,612,062.

The proposed surface location of the Well is 30' FSL & 2,220 FEL of Section 1, Township 21 South, Range 32 East with a proposed bottom hole location 990' FNL & 1,650' FEL of Section 13 Township 21 South, Range 32 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 21 South, Range 32 East  
Section 12: W2E2  
Section 13: NWNE
- Ascent named as Operator
- 100%/300%/300% non-consent penalties
- \$7,000.00/\$700.00 drilling and producing overhead rates

February 16, 2018  
Big Stagg Fed Com #703H  
Page 2 of 2

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

Ascent looks forward to working with Chevron 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](mailto:lzink@ascentenergy.us).

Very Truly Yours,



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

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

\_\_\_\_ Chevron USA Inc. hereby elects to participate in the proposed Operation by paying its proportionate share of the costs outlined on the Big Stagg Fed Com #703H AFE.

\_\_\_\_ Chevron USA Inc. hereby elects not to participate in the proposed Operation.

Working Interest Owner:

Chevron USA Inc.

\_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



February 16, 2018

ConocoPhillips Company  
600 North Dairy Ashford  
Houston, TX 77079  
Attn: Mr. Cody Travers

RE: Big Bucks Fed Com #501H  
T21S-R32E  
Sec. 12: E2E2  
Sec. 13: NENE  
200 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 Big Bucks Fed Com #501H well (the "Well") to test the Bone Spring formation at a total vertical depth of 10,830' and a total measured depth of 17,000' ("Operation"). The estimated cost associated with the Operation is \$7,452,634, as outlined in the enclosed Authority for Expenditure dated February 15, 2018. Ascent's records indicate that ConocoPhillips Company ("Conoco") owns a 60.00% working interest in the Well, and Conoco's estimated costs associated with this Operation is approximately \$4,471,580.

The proposed surface location of the Well is 125' FSL & 470' FEL of Section 1, Township 21 South, Range 32 East with a proposed bottom hole location 990' FNL & 390' FEL of Section 13 Township 21 South, Range 32 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 21 South, Range 32 East  
Section 12: E2E2  
Section 13: NENE
- Ascent named as Operator
- 100%/300%/300% non-consent penalties
- \$7,000.00/\$700.00 drilling and producing overhead rates

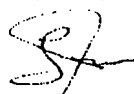


February 16, 2018  
Big Bucks Fed Com #501H  
Page 2 of 2

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

Ascent looks forward to working with Conoco 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](mailto:lzink@ascentenergy.us).

Very Truly Yours,



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

Enclosure(s): Big Bucks Fed Com #501H AFE  
Draft 2015 Horizontal AAPL Form 610 Operating Agreement (email only)

\_\_\_\_ ConocoPhillips Company hereby elects to participate in the proposed Operation by paying its proportionate share of the costs outlined on the Big Bucks Fed Com #501H AFE.

\_\_\_\_ ConocoPhillips Company hereby elects not to participate in the proposed Operation.

Working Interest Owner:

ConocoPhillips Company

\_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



February 16, 2018

ConocoPhillips Company  
600 North Dairy Ashford  
Houston, TX 77079  
Attn: Mr. Cody Travers

RE: Big Bucks Fed Com #701H  
T21S-R32E  
Sec. 12: E2E2  
Sec. 13: NENE  
200 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 Big Bucks Fed Com #701H well (the "Well") to test the Wolfcamp formation at a total vertical depth of 11,690' and a total measured depth of 17,860' ("Operation"). The estimated cost associated with the Operation is \$8,060,355, as outlined in the enclosed Authority for Expenditure dated February 15, 2018. Ascent's records indicate that ConocoPhillips Company ("Conoco") owns a 60.00% working interest in the Well, and Conoco's estimated costs associated with this Operation is approximately \$4,836,213.

The proposed surface location of the Well is 125' FSL & 440' FEL of Section 1, Township 21 South, Range 32 East with a proposed bottom hole location 990' FNL & 365' FEL of Section 13 Township 21 South, Range 32 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 21 South, Range 32 East  
Section 12: E2E2  
Section 13: NENE
- Ascent named as Operator
- 100%/300%/300% non-consent penalties
- \$7,000.00/\$700.00 drilling and producing overhead rates

February 16, 2018  
Big Bucks Fed Com #701H  
Page 2 of 2

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

Ascent looks forward to working with Conoco 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](mailto:lzink@ascentenergy.us).

Very Truly Yours,



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

Enclosure(s): Big Bucks Fed Com #701H AFE  
Draft 2015 Horizontal AAPL Form 610 Operating Agreement (email only)

\_\_\_\_ ConocoPhillips Company hereby elects to participate in the proposed Operation by paying its proportionate share of the costs outlined on the Big Bucks Fed Com #701H AFE.

\_\_\_\_ ConocoPhillips Company hereby elects not to participate in the proposed Operation.

Working Interest Owner:

ConocoPhillips Company

\_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



February 16, 2018

ConocoPhillips Company  
600 North Dairy Ashford  
Houston, TX 77079  
Attn: Mr. Cody Travers

RE: Big Stagg Fed Com #503H  
T21S-R32E  
Sec. 12: W2E2  
Sec. 13: NWNE  
200 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 Big Stagg Fed Com #503H well (the "Well") to test the Bone Spring formation at a total vertical depth of 10,800' and a total measured depth of 16,970' ("Operation"). The estimated cost associated with the Operation is \$7,452,571, as outlined in the enclosed Authority for Expenditure dated February 15, 2018. Ascent's records indicate that ConocoPhillips Company ("Conoco") owns a 20.00% working interest in the Well, and Conoco's estimated costs associated with this Operation is approximately \$1,490,514.

The proposed surface location of the Well is 30' FSL & 2,250' FEL of Section 1, Township 21 South, Range 32 East with a proposed bottom hole location 990' FNL & 2,190' FEL of Section 13 Township 21 South, Range 32 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 21 South, Range 32 East  
Section 12: W2E2  
Section 13: NWNE
- Ascent named as Operator
- 100%/300%/300% non-consent penalties
- \$7,000.00/\$700.00 drilling and producing overhead rates

February 16, 2018  
Big Stagg Fed Com #503H  
Page 2 of 2

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

Ascent looks forward to working with Conoco 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](mailto:lzink@ascentenergy.us).

Very Truly Yours,



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

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

\_\_\_\_ ConocoPhillips Company hereby elects to participate in the proposed Operation by paying its proportionate share of the costs outlined on the Big Stagg Fed Com #503H AFE.

\_\_\_\_ ConocoPhillips Company hereby elects not to participate in the proposed Operation.

Working Interest Owner:

ConocoPhillips Company

\_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_





February 16, 2018

ConocoPhillips Company  
600 North Dairy Ashford  
Houston, TX 77079  
Attn: Mr. Cody Travers

RE: Big Stagg Fed Com #703H  
T21S-R32E  
Sec. 12: W2E2  
Sec. 13: NWNE  
200 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 Big Stagg Fed Com #703H well (the "Well") to test the Wolfcamp formation at a total vertical depth of 11,670' and a total measured depth of 17,840' ("Operation"). The estimated cost associated with the Operation is \$8,060,312, as outlined in the enclosed Authority for Expenditure dated February 15, 2018. Ascent's records indicate that ConocoPhillips Company ("Conoco") owns a 20.00% working interest in the Well, and Conoco's estimated costs associated with this Operation is approximately \$1,612,062.

The proposed surface location of the Well is 30' FSL & 2,220 FEL of Section 1, Township 21 South, Range 32 East with a proposed bottom hole location 990' FNL & 1,650' FEL of Section 13 Township 21 South, Range 32 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.

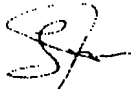
- Contract Area:  
Township 21 South, Range 32 East  
Section 12: W2E2  
Section 13: NWNE
- Ascent named as Operator
- 100%/300%/300% non-consent penalties
- \$7,000.00/\$700.00 drilling and producing overhead rates

February 16, 2018  
Big Stagg Fed Com #703H  
Page 2 of 2

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

Ascent looks forward to working with Conoco 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](mailto:lzink@ascentenergy.us).

Very Truly Yours,



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

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

\_\_\_\_ ConocoPhillips Company hereby elects to participate in the proposed Operation by paying its proportionate share of the costs outlined on the Big Stagg Fed Com #703H AFE.

\_\_\_\_ ConocoPhillips Company hereby elects not to participate in the proposed Operation.

Working Interest Owner:

ConocoPhillips Company

\_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

# Ascent Energy, LLC

## ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE (AFE)

COST CENTER	Big Bucks Fed Core 801M	BUD YEAR	2018	DATE	February 15, 2018
AFE NO.		CATEGORY	DLC	SUPPLEMENT NO.	
FIELD	Hart Mesa	REGION	Delaware Basin	LEGAL:	218 32E
OPERATOR	Ascent Energy, LLC	WELL NO.	801M	W.I.	
OBJECTIVE	2nd Bone Spring	STATE	NM	MD/TVD	+/-17,000'/10,830'

ESTIMATED PROJECT START DATE: 2Q2018

DESCRIPTION: Drill a 5900' lateral in the 2nd Bone Spring and frac with 39 stages. Assumes 4 string design.

### INTANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	ESTIMATE	TOTAL WELL COST
8302 101	Location Cleanup & Damages			\$145,000	\$145,000
8302 102	Rig Move - HIRU, ROMO			\$100,000	\$100,000
8302 103	Rig Contractor-Demwork/PT	\$ 22,000	27	\$494,000	\$494,000
8302 104	Rig Contractor-Turnkey				
8302 105	Power & Fuel			\$118,000	\$118,000
8302 106	Drill Fluids & Chemicals			\$80,000	\$80,000
8302 107	Bits, Reamer, Stabilizers			\$50,000	\$50,000
8302 108	Cement & Cementing Services			\$170,000	\$170,000
8302 109	Mud Logging			\$44,000	\$44,000
8302 110	Open Hole Logging			\$30,000	\$30,000
8302 111	Cas Crows & Tools			\$70,000	\$70,000
8302 112	Directional Tools & Service			\$228,000	\$228,000
8302 114	Form Eval - Well Testing DST - Coring, Sampling				
8302 115	Tubular Inspection			\$30,000	\$30,000
8302 116	Equipment Rentals			\$310,000	\$310,000
8302 117	Contract Labor & Services			\$100,000	\$100,000
8302 118	Wellbore Consultant	\$ 2,000	54	\$108,000	\$108,000
8302 119	Company Supervision & Labor				
8302 120	Transportation			\$15,000	\$15,000
8302 121	Mud Cuttings & Water Disposal			\$50,000	\$50,000
8302 122	Insurance	1.9243	17,000	\$327,131	\$327,131
8302 123	Overhead			\$25,000	\$25,000
8302 124	Water & Water Well			\$15,000	\$15,000
8302 125	Unadviseded Mfrs (Fishing)			\$10,000	\$10,000
8302 126	Legal			\$380,000	\$380,000
8302 127	Outside Operator Other				
8302 128	Permits			\$10,000	\$10,000
8302 129	Environmental & Safety			\$20,000	\$20,000
8302 130	Phasing				
	<b>SUBTOTAL</b>			<b>\$2,433,713</b>	<b>\$2,433,713</b>
8302 129	CONTINGENCY (%) 10.00%			243,371	243,371
	<b>SUB-TOTAL INTANGIBLE DRILLING COSTS</b>			<b>\$2,677,084</b>	<b>\$2,677,084</b>

### INTANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8304 201	Location & Cleanup			\$10,000	\$10,000
8304 202	Power & Fuel			\$0,000	\$0,000
8304 203	Control Fluids & Chemicals			\$5,000	\$5,000
8304 204	Bits, Reamer, Stabilizers				
8304 205	Cement & Cementing Svcs			\$20,000	\$20,000
8304 206	Logging & Perforation Svcs				
8304 207	Cas Crows & Tools-Drive Hammer				
8304 208	Directional Tools & Svcs				
8304 209	Formation Stimulants Acid Frac			\$1,200,000	\$1,200,000
8304 210	Formation Evaluation				
8304 211	Tubular Inspection				
8304 212	Equipment Rentals			\$85,000	\$85,000
8304 213	Contract Labor & Services				
8304 214	Wellbore Consultant	\$ -	0	\$0,000	\$0,000
8304 215	Company Supervision & Labor				
8304 216	Transportation			\$20,000	\$20,000
8304 217	Mud Cuttings & Water Disposal			\$15,000	\$15,000
8304 218	Insurance				
8304 219	Overhead			\$10,000	\$10,000
8304 220	Water & Water Well			\$10,000	\$10,000
8304 221	Unadviseded Mfrs/Fishing				
8304 222	Cas Tubing Services			\$1,000	\$1,000
8304 223	Misc Supplies & Materials			\$3,000	\$3,000
8304 224	Flowback Testing			\$2,000	\$2,000
8304 225	Legal & Permits			\$5,000	\$5,000
8304 226	Environmental & Safety Costs				
8304 227	Phasing				
8304 228	Completion Rig	\$ -	0	\$0,000	\$0,000
	<b>SUBTOTAL</b>			<b>\$3,291,000</b>	<b>\$3,291,000</b>
8304 229	CONTINGENCY (%) 5.00%			164,550	164,550
	<b>SUB-TOTAL INTANGIBLE COMPLETION COSTS</b>			<b>\$3,455,550</b>	<b>\$3,455,550</b>
	<b>SUB-TOTAL INTANGIBLE COSTS</b>			<b>\$2,677,084</b>	<b>\$6,132,634</b>

### TANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	ESTIMATE	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	\$115,000	\$115,000
8308 304	Liner Casing	\$ -	0	\$150,000	\$150,000
8308 305	Subs FR Equip Centralizers Etc				
8308 306	Casinghead Drilling Sools			\$50,000	\$50,000
8308 307	Sub Surface Equipment				
8308 308	Outside Operator Other				
	<b>SUB-TOTAL TANGIBLE DRILLING COSTS</b>			<b>\$405,000</b>	<b>\$405,000</b>

TANGIBLE COMPLETION COSTS						
ACCT.	DESCRIPTION	Rate	Units			
8309 401	Production Casing	\$	0		\$20,000	
8309 402	Tubing	\$	0		10,000	
8309 403	Subs. Fr. Comp. Centralizers Etc.					
8309 404	Sub Surface Equipment				10,000	
8309 405	Xmas Tree Upper Section				50,000	
8309 406	Outside Operated Other					
	SUB-TOTAL TANGIBLE COMPLETION COSTS				\$190,000	\$190,000
	SUB-TOTAL TANGIBLE COSTS			\$405,000	\$390,000	\$795,000
	SUB-TOTAL INTANGIBLE & TANGIBLE COSTS			\$3,082,084	\$3,848,880	\$6,927,934
PRODUCTION EQUIPMENT COSTS						
8311 801	Artificial Lift Equipment				\$15,000	
8311 802	Prime Mover Electric Gas					
8311 803	Sales Gathering Line					
8311 804	Separation Equipment				50,000	
8311 805	Oil Treating Heating Equipment					
8311 806	Gas Treating Dwy. Equipment					
8311 807	Tanks				70,000	
8311 808	Meters				50,000	
8311 809	Electrical Equip. Install				20,000	
8311 810	Compressor					
8311 811	Flowlines				50,000	
8311 812	Labor				100,000	
8311 813	Trucks Hauling Transportation					
8311 814	Buildings					
8311 815	Roads & Locations				10,000	
8311 816	Manifolds & Headers				15,000	
8311 817	Chemical Injection System					
8311 818	Pipes & Valves				50,000	
8311 819	Welding				10,000	
8311 820	Surface Pumps					
8311 821	Flares					
8311 822	Outside Operated Other				10,000	
8311 823	Environmental & Safety				50,000	
8311 824	Engineering Supervision					
8311 825	Surface Facilities				15,000	
	SUB-TOTAL PRODUCTION EQUIPMENT				\$828,000	\$828,000
	SUB-TOTAL INTANGIBLE COSTS (PAGE 1)			\$2,677,084	\$3,488,880	\$6,132,934
	SUB-TOTAL TANGIBLE COSTS (PAGE 2)			\$405,000	\$390,000	\$795,000
	GRAND TOTAL			\$3,082,084	\$4,370,880	\$7,452,934
	LESS OUTSIDE INTERESTS			\$3,082,084	\$4,370,880	\$7,452,934
	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	\$3,082,084
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	Big Bucks Fed Com 701M	BUD YEAR	2018	DATE	February 15, 2018
AFE NO.		CATEGORY	D&C	SUPPLEMENT NO.	
FIELD	Hat Mesa	REGION	Delaware Basin	LEGAL	21S 22S
OPERATOR	Ascent Energy, LLC	WELL NO.	701M	W.L.	
OBJECTIVE	Wellcamp	STATE	NM	MD/TVD	17,860' / 11,690'

ESTIMATED PROJECT START DATE: 3Q2018

DESCRIPTION: Drill a 5900' lateral to the Wellcamp and frac with 39 stages. Assumes 4 string design.

### INTANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRILLING	TOTAL WELL COST
8300 101	Location Cleanup & Damages			\$145,000	\$145,000
8300 102	Rig Move - M/RU, RDMO			\$100,000	\$100,000
8300 103	Rig Contractor-Dismantle/RT	\$ 22,000	20	\$440,000	\$440,000
8300 104	Rig Contractor-Turnkey			\$140,000	\$140,000
8300 105	Power & Fuel			\$170,000	\$170,000
8300 106	Grill Fluids & Chemicals			\$100,000	\$100,000
8300 107	Rigs, Basher, Stabilizers			\$100,000	\$100,000
8300 108	Cement & Cementing Services			\$100,000	\$100,000
8300 109	Mud Logging			\$10,000	\$10,000
8300 110	Open Hole Logging			\$20,000	\$20,000
8300 111	Cow Crows & Tools			\$80,000	\$80,000
8300 112	Directional Tools & Service			\$240,000	\$240,000
8300 114	Form Eval - Well Testing DST - Coring, Sampling				
8300 115	Tubular Inspection			\$20,000	\$20,000
8300 116	Equipment Rentals			\$10,000	\$10,000
8300 117	Contract Labor & Services			\$100,000	\$100,000
8300 118	WellSite Consultants	\$ 2,000	50	\$100,000	\$100,000
8300 119	Company Supervision & Labor				
8300 120	Transportation			\$15,000	\$15,000
8300 121	Mud Cuttings & Water Disposal			\$110,000	\$110,000
8300 122	Insurance	1,924	17,860	\$34,132	\$34,132
8300 123	Overhead			\$25,000	\$25,000
8300 124	Water & Water Well			\$20,000	\$20,000
8300 125	Unanticipated Marine Fishing			\$20,000	\$20,000
8300 126	Legal			\$50,000	\$50,000
8300 127	Outlets Operated Other				
8300 128	Permits			\$10,000	\$10,000
8300 129	Environmental & Safety			\$20,000	\$20,000
8300 130	Phasing			\$20,000	\$20,000
	<b>SUBTOTAL</b>			<b>\$2,729,364</b>	<b>\$2,729,364</b>
8300 139	CONTINGENCY (%)	18.00%		<b>\$491,283</b>	<b>\$491,283</b>
	<b>SUB-TOTAL INTANGIBLE DRILLING COSTS</b>			<b>\$3,220,647</b>	<b>\$3,220,647</b>

### INTANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8300 201	Location Cleanup			\$10,000	\$10,000
8300 202	Power & Fuel			\$10,000	\$10,000
8300 203	Grill Fluids & Chemicals			\$5,000	\$5,000
8300 204	Rigs, Basher, Stabilizers				
8300 205	Cement & Cementing Svcs				
8300 206	Logging & Perforation Svcs			\$10,000	\$10,000
8300 207	Gas Crows & Tools-Drive Hammer				
8300 208	Directional Tools & Svcs				
8300 209	Formation Stimulant Acid Frac			\$2,350,000	\$2,350,000
8300 210	Formation Evaluation				
8300 211	Tubular Inspection				
8300 212	Equipment Rentals			\$15,000	\$15,000
8300 213	Contract Labor & Services				
8300 214	WellSite Consultant	\$ -	0	\$3,500	\$3,500
8300 215	Company Supervision & Labor				
8300 216	Transportation			\$0,000	\$0,000
8300 217	Mud Cuttings & Water Disposal			\$5,000	\$5,000
8300 218	Insurance				
8300 219	Overhead				
8300 220	Water & Water Well			\$15,000	\$15,000
8300 221	Unanticipated Marine Fishing			\$15,000	\$15,000
8300 222	Coil Tubing Services			\$1,500	\$1,500
8300 223	Misc Supplies & Materials			\$3,000	\$3,000
8300 224	Flowback Testing			\$6,500	\$6,500
8300 225	Legal & Permits			\$,000	\$,000
8300 226	Environmental & Safety Costs				
8300 227	Phasing				
8300 228	Completion Rig	\$ -	0	\$0,000	\$0,000
	<b>SUBTOTAL</b>			<b>\$2,381,000</b>	<b>\$2,381,000</b>
8300 229	CONTINGENCY (%)	8.00%		<b>\$190,480</b>	<b>\$190,480</b>
	<b>SUB-TOTAL INTANGIBLE COMPLETION COSTS</b>			<b>\$2,571,480</b>	<b>\$2,571,480</b>
	<b>SUB-TOTAL INTANGIBLE COSTS</b>			<b>\$5,792,127</b>	<b>\$5,792,127</b>

### TANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRILLING	TOTAL WELL COST
8300 301	Drive Pipe Conductor Casing	\$ -	0	\$20,000	\$20,000
8300 302	Surface Casing	\$ -	0	\$20,000	\$20,000
8300 303	Intermediate Casing	\$ -	0	\$210,000	\$210,000
8300 304	Inner Casing	\$ -	0	\$180,000	\$180,000
8300 305	Subs FR Seal Centralizers Etc				
8300 306	Casinghead Drilling Head			\$50,000	\$50,000
8300 307	Sub Surface Equipment				
8300 308	Outlets Operated Other				
	<b>SUB-TOTAL TANGIBLE DRILLING COSTS</b>			<b>\$480,000</b>	<b>\$480,000</b>



TANGIBLE COMPLETION COSTS						
ACCT.	DESCRIPTION	Debit	Credit		COMPLETION	LESS OUTSIDE
8309 401	Production Casing	\$ -	0		\$100,000	\$100,000
8309 402	Tubing	\$ -	0		\$15,000	\$15,000
8309 403	Subs FR, Foot Centralizers Etc					
8309 404	Sub Surface Equipment				\$0,000	\$0,000
8309 405	Xmas Tree Lower Section				\$0,000	\$0,000
8309 406	Outside Operated Other					
	SUB-TOTAL TANGIBLE COMPLETION COSTS				\$535,000	\$535,000
	SUB-TOTAL TANGIBLE COSTS			\$480,000	\$535,000	\$1,025,000
	SUB-TOTAL INTANGIBLE & TANGIBLE COSTS			\$3,492,305	\$4,043,050	\$7,535,355
PRODUCTION EQUIPMENT COSTS						
8311 821	Artificial Lift Equipment				\$115,000	\$115,000
8311 822	Prime Mover Electric Gas					
8311 823	Sales Gathering Line					
8311 824	Separation Equipment				\$0,000	\$0,000
8311 825	Oil Treating Heating Equipment					
8311 826	Gas Treating Degr. Equipment					
8311 827	Tanks				\$0,000	\$0,000
8311 828	Meters				\$1,000	\$1,000
8311 829	Electrical Equip. Install				\$0,000	\$0,000
8311 830	Compressor				\$0,000	\$0,000
8311 831	Flowlines				\$0,000	\$0,000
8311 832	Leak				\$10,000	\$10,000
8311 833	Trucks Handling Transportation					
8311 834	Buildings					
8311 835	Roads & Locations				\$0,000	\$0,000
8311 836	Manifolds & Headers				\$0,000	\$0,000
8311 837	Chemical Injection System				\$0,000	\$0,000
8311 838	Prods & Valves				\$0,000	\$0,000
8311 839	Wellbore				\$0,000	\$0,000
8311 840	Surface Pumps				\$0,000	\$0,000
8311 841	Fibers				\$0,000	\$0,000
8311 842	Outside Operated Other				\$0,000	\$0,000
8311 843	Environmental & Safety				\$0,000	\$0,000
8311 844	Environmental Supervision				\$0,000	\$0,000
8311 845	Surface Facilities				\$0,000	\$0,000
	SUB-TOTAL PRODUCTION EQUIPMENT				\$525,000	\$525,000
	SUB-TOTAL INTANGIBLE COSTS (PAGE 1)			\$3,002,305	\$3,508,050	\$6,510,355
	SUB-TOTAL TANGIBLE COSTS (PAGE 1)			\$480,000	\$535,000	\$1,025,000
	GRAND TOTAL			\$3,492,305	\$4,543,050	\$8,060,355
	LESS OUTSIDE INTERESTS			\$3,492,305	\$4,543,050	\$8,060,355
	TOTAL NET COSTS			\$0	\$0	\$0

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

PREPARED BY	DATE
APPROVED	DATE
APPROVED	DATE
APPROVED	DATE

GROSS AFE AMOUNT - DRY HOLE	\$3,492,305
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	Big Blang Fed Com 903H	BUD YEAR	2018	DATE	February 15, 2018
AFE NO.		CATEGORY	D&C	SUPPLEMENT NO.	
FIELD	Hot Mesa	REGION	Delaware Basin	LEGAL:	218 32R
OPERATOR	Ascent Energy, LLC	WELL NO.	903H	W.I.	
OBJECTIVE	2nd Bone Spring	STATE	NM	MD/TVD	>/-16,970' / 10,800'

ESTIMATED PROJECT START DATE: 3Q2018

DESCRIPTION: Drill a 9900' lateral in the 2nd Bone Spring and frac with 39 stages. Assumes 4 string design.

### INTANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Mults	DRYHOLE	WELL
9302 101	Location Cleanup & Damages			\$145,000	\$145,000
9302 102	Rig Move - FIRM, RDMO			\$100,000	\$100,000
9302 103	Rig Contractor-Damwork/PT	\$ 22,000	27	\$594,000	\$594,000
9302 104	Rig Contractor-Turnkey				
9302 105	Power & Fuel			\$115,000	\$115,000
9302 106	Drill Fluids & Chemicals			\$70,000	\$70,000
9302 107	Rite, Reamer, Stabilizers			\$70,000	\$70,000
9302 108	Cement & Cementing Services			\$170,000	\$170,000
9302 109	Mud Logging			\$45,000	\$45,000
9302 110	Open Hole Logging			\$30,000	\$30,000
9302 111	Cas Cams & Tools			\$70,000	\$70,000
9302 112	Directional Tools & Services			\$220,000	\$220,000
9302 114	Form Eval - Well Testing DST - Coring, Sampling				
9302 118	Tubular Inspection			\$20,000	\$20,000
9302 116	Equipment Rentals			\$310,000	\$310,000
9302 117	Contract Labor & Services			\$100,000	\$100,000
9302 118	Wellbore Construction	\$ 2,000	54	\$108,000	\$108,000
9302 119	Company Supervision & Labor			\$15,000	\$15,000
9302 120	Transportation			\$15,000	\$15,000
9302 121	Mud Cuttings & Water Disposal			\$10,000	\$10,000
9302 122	Insurance	1,9242	16,970	\$32,645	\$32,645
9302 123	Overhead			\$25,000	\$25,000
9302 124	Water & Water Well			\$75,000	\$75,000
9302 125	Unanticipated MiscExp (Fishing)			\$15,000	\$15,000
9302 126	Lease			\$50,000	\$50,000
9302 127	Outside Operator Other				
9302 128	Permits			\$10,000	\$10,000
9302 129	Environmental & Safety			\$70,000	\$70,000
9302 130	Physician				
	SUBTOTAL			\$2,433,635	\$2,433,635
9302 129	CONTINGENCY (%)	10.00%		\$243,364	\$243,364
	SUB-TOTAL INTANGIBLE DRILLING COSTS			\$2,677,021	\$2,677,021

### INTANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Mults	DRYHOLE	WELL
9306 201	Location & Cleanup			\$10,000	\$10,000
9306 202	Power & Fuel			\$5,000	\$5,000
9306 203	Cement Fluids & Chemicals			\$5,000	\$5,000
9306 204	Rite, Reamer, Stabilizers				
9306 205	Cement & Cementing Svcs				
9306 206	Logging & Perforation Svcs			\$150,000	\$150,000
9306 207	Cas Cams & Tools-Drive Hammer				
9306 208	Directional Tools & Svcs				
9306 209	Formation Stimulation Acid Frac			\$2,500,000	\$2,500,000
9306 210	Formation Evaluation				
9306 211	Tubular Inspection				
9306 212	Equipment Rentals			\$165,000	\$165,000
9306 213	Contract Labor & Services			\$15,000	\$15,000
9306 214	Wellbore Construction	\$ -	0	\$0,000	\$0,000
9306 215	Company Supervision & Labor			\$15,000	\$15,000
9306 216	Transportation			\$0,000	\$0,000
9306 217	Mud Cuttings & Water Disposal			\$5,000	\$5,000
9306 218	Insurance			\$5,000	\$5,000
9306 219	Overhead			\$15,000	\$15,000
9306 220	Water & Water Well			\$15,000	\$15,000
9306 221	Unanticipated MiscExp Fishing			\$15,000	\$15,000
9306 222	Coil Tubing Services			\$1,500	\$1,500
9306 223	Misc Supplies & Materials			\$5,000	\$5,000
9306 224	Flowback Testing			\$5,000	\$5,000
9306 225	Lease & Permits			\$5,000	\$5,000
9306 226	Environmental & Safety Costs				
9306 227	Physician				
9306 228	Completion Rig	\$ -	0	\$0,000	\$0,000
	SUBTOTAL			\$3,291,000	\$3,291,000
9306 229	CONTINGENCY (%)	5.00%		\$164,550	\$164,550
	SUB-TOTAL INTANGIBLE COMPLETION COSTS			\$3,455,550	\$3,455,550
	SUB-TOTAL INTANGIBLE COSTS			\$2,677,021	\$6,132,571

### TANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Mults	DRYHOLE	WELL
9308 201	Drive Pipe Conductor Casing	\$ -	0	\$20,000	\$20,000
9308 202	Surface Casing	\$ -	0	\$50,000	\$50,000
9308 203	Intermediate Casing	\$ -	0	\$125,000	\$125,000
9308 204	Inner Casing	\$ -	0	\$150,000	\$150,000
9308 205	Subs FR Equip Centralizers Etc				
9308 206	Casinghead Drilling Spoil			\$50,000	\$50,000
9308 207	Sub Surface Equipment				
9308 208	Outside Operator Other				
	SUB-TOTAL TANGIBLE DRILLING COSTS			\$495,000	\$495,000

TANGIBLE COMPLETION COSTS					
ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8209 401	Production Casing	\$ -	0	280,000	280,000
8209 402	Tubing	\$ -	0	40,000	40,000
8209 403	Subs. FR. Equip. Centralizers Etc.				
8209 404	Seal Surface Equipment			20,000	20,000
8209 405	Xmas Tree Upper Section			20,000	20,000
8209 406	Outside Operated Other				
SUB-TOTAL TANGIBLE COMPLETION COSTS				380,000	380,000
SUB-TOTAL TANGIBLE COSTS				405,000	405,000
SUB-TOTAL INTANGIBLE & TANGIBLE COSTS				23,082,021	23,487,021

PRODUCTION EQUIPMENT COSTS					
ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8311 501	Artificial Lift Equipment			115,000	115,000
8311 502	Prime Mover Electric Gas				
8311 503	Seals Gathering Line				
8311 504	Separation Equipment			50,000	50,000
8311 505	Oil Treating Heating Equipment				
8311 506	Gas Treating Dehydr. Equipment				
8311 507	Trucks			20,000	20,000
8311 508	Motors			15,000	15,000
8311 509	Electrical Panel Install			20,000	20,000
8311 510	Compressor				
8311 511	Flowlines			40,000	40,000
8311 512	Labor			180,000	180,000
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	Piping & Valves			50,000	50,000
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			20,000	20,000
8311 525	Surface Facilities			15,000	15,000
SUB-TOTAL PRODUCTION EQUIPMENT				825,000	825,000
SUB-TOTAL INTANGIBLE COSTS (PAGE 1)				22,677,021	22,677,021
SUB-TOTAL TANGIBLE COSTS (PAGE 2)				405,000	405,000
GRAND TOTAL				23,082,021	23,487,021
LESS OUTSIDE INTERESTS				23,082,021	23,487,021
TOTAL NET COSTS				\$0	\$0

Notice to Menepers: Costs shown on this form are estimates only. Menepers should not consider these estimates as establishing any limit on amounts which will be required to perform the proposed operations.

PREPARED BY		DATE	
APPROVED		DATE	
APPROVED		DATE	
APPROVED		DATE	

GROSS AFE AMOUNT - DRY HOLE	23,082,021
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	Big Stagg Prod Com 703H	BUD YEAR	2018	DATE	February 15, 2018
AFE NO.		CATEGORY	D&C	SUPPLEMENT NO.	
FIELD	Hot Mesa	REGION	DeWanna Basin	LEGAL	218 328
OPERATOR	Ascent Energy, LLC	WELL NO.	703H	W.I.	
OBJECTIVE	Wolfcamp	STATE	NM	MD/TVD	17,840' / 11,670'

ESTIMATED PROJECT START DATE: 3Q2018

DESCRIPTION: Drill a 5900' lateral in the Wolfcamp and frac with 39 stages. Assumes 4 string design.

### INTANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	AMOUNT	COMPLETION	TOTAL WELL COST
8204 101	Location Cleanup & Demos			\$145,000		\$145,000
8204 102	Rig Move - MUD, BDMC			\$100,000		\$100,000
8204 103	Rig Contractor-Demolition/FT	\$ 22,000	29	\$638,000		\$638,000
8204 104	Rig Contractor-Turnkey					
8204 105	Power & Fuel			\$130,000		\$130,000
8204 106	Drill Fluids & Chemicals			\$170,000		\$170,000
8204 107	Rts. Reamer, Stabilizers			\$100,000		\$100,000
8204 108	Cement & Cementing Services			\$180,000		\$180,000
8204 109	Mud Logging			\$50,000		\$50,000
8204 110	Open Hole Logging			\$30,000		\$30,000
8204 111	Ceo Crews & Tools			\$80,000		\$80,000
8204 112	Directional Tools & Service			\$240,000		\$240,000
8204 113	Form Eval - Well Testing DST - Coring, Sampling					
8204 114	Tubular Inspection			\$20,000		\$20,000
8204 115	Equipment Rentals			\$310,000		\$310,000
8204 116	Contract Labor & Services			\$105,000		\$105,000
8204 117	Wellbore Consultants	\$ 2,000	58	\$116,000		\$116,000
8204 118	Company Supervision & Labor			\$15,000		\$15,000
8204 119	Transportation			\$15,000		\$15,000
8204 120	Mud, Cement & Water Disposal			\$110,000		\$110,000
8204 121	Insurance	1,9243	17,840	\$34,330		\$34,330
8204 122	Overhead			\$25,000		\$25,000
8204 123	Water & Water Well			\$25,000		\$25,000
8204 124	Unanticipated Marine Fishing			\$40,000		\$40,000
8204 125	Land					
8204 126	Outside Operated Other					
8204 127	Permits			\$10,000		\$10,000
8204 128	Environmental & Safety			\$20,000		\$20,000
8204 129	Plugging					
8204 130	SUBTOTAL			\$2,729,330		\$2,729,330
8204 131	CONTINGENCY (5%)	10.875%		\$272,933		\$272,933
8204 132	SUB-TOTAL INTANGIBLE DRILLING COSTS			\$3,002,263		\$3,002,263

### INTANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	AMOUNT	COMPLETION	TOTAL WELL COST
8204 201	Location & Cleanup			\$10,000		\$10,000
8204 202	Power & Fuel			\$10,000		\$10,000
8204 203	Control Fluids & Chemicals			\$5,000		\$5,000
8204 204	Rts. Reamer, Stabilizers					
8204 205	Cement & Cementing Svcs					
8204 206	Logging & Perforation Svcs			\$50,000		\$50,000
8204 207	Ceo Crews & Tools-Drive Hammer					
8204 208	Directional Tools & Svcs			\$350,000		\$350,000
8204 209	Formation Stimulation Acid Frac					
8204 210	Formation Evaluation					
8204 211	Tubular Inspection					
8204 212	Equipment Rentals			\$15,000		\$15,000
8204 213	Contract Labor & Services					
8204 214	Wellbore Consultant	\$ -	0	\$0,000		\$0,000
8204 215	Company Supervision & Labor					
8204 216	Transportation			\$5,000		\$5,000
8204 217	Mud, Cement & Water Disposal			\$5,000		\$5,000
8204 218	Insurance					
8204 219	Overhead					
8204 220	Water & Water Well			\$10,000		\$10,000
8204 221	Unanticipated Marine Fishing					
8204 222	Coil Tying Services			\$10,000		\$10,000
8204 223	Misc Supplies & Materials			\$1,000		\$1,000
8204 224	Flowback Testing			\$25,000		\$25,000
8204 225	Legal & Permit			\$5,000		\$5,000
8204 226	Environmental & Safety Costs					
8204 227	Plugging					
8204 228	Completion Rig	\$ -	0	\$0,000		\$0,000
8204 229	SUBTOTAL			\$3,341,000		\$3,341,000
8204 230	CONTINGENCY (5%)	5.00%		\$167,050		\$167,050
8204 231	SUB-TOTAL INTANGIBLE COMPLETION COSTS			\$3,508,050		\$3,508,050
8204 232	SUB-TOTAL INTANGIBLE COSTS			\$6,510,313		\$6,510,313

### TANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	AMOUNT	COMPLETION	TOTAL WELL COST
8204 301	Drive Pipe Conductor Casing	\$ -	0	\$0,000		\$0,000
8204 302	Surface Casing	\$ -	0	\$0,000		\$0,000
8204 303	Intermediate Casing	\$ -	0	\$0,000		\$0,000
8204 304	Inner Casing	\$ -	0	\$0,000		\$0,000
8204 305	Rts. Fr. Equip. Centralizers Etc			\$150,000		\$150,000
8204 306	Casinghead Drilling Spec			\$50,000		\$50,000
8204 307	Sub Surface Equipment					
8204 308	Outside Operated Other					
8204 309	SUB-TOTAL TANGIBLE DRILLING COSTS			\$490,000		\$490,000

TANGIBLE COMPLETION COSTS									
ACCT.	DESCRIPTION	DASH		DASH		DASH		CASH	DATE
1309 401	Production Costing	\$	-	\$	-	\$	-		
1309 402	Tubing	\$	-	\$	-	\$	-		
1309 403	Subs Fr Cost Centralized Etc								
1309 404	Sub Surface Equipment								
1309 405	Other Trng Equip Section								
1309 406	Complete Overhead								
SUB-TOTAL TANGIBLE COMPLETION COSTS									
									\$1,039,000
SUB-TOTAL TANGIBLE COSTS									\$1,039,000
SUB-TOTAL INTANGIBLE & TANGIBLE COSTS									\$7,437,312

PRODUCTION EQUIPMENT COSTS									
1311 201	Acidizing J/LR Equipment								
1311 202	Plasma Bores Electric Gas								
1311 203	Sales Section Line								
1311 204	Separation Equipment								
1311 205	Oil Treating Equipment								
1311 206	Gas Treating Equip Equipment								
1311 207	Trainers								
1311 208	Production Equip Instel								
1311 209	Compressor								
1311 210	Explosives								
1311 211	Truck								
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**STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION**

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

**Case No. 16084**

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

**Case No. 16085**

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

**Case No. 16086**

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

**Case No. 16087**

**AFFIDAVIT OF NOTICE**

COUNTY OF SANTA FE    )  
                                  ) ss.  
STATE OF NEW MEXICO    )

James Bruce, being duly sworn upon his oath, deposes and states:

1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am an attorney for Ascent Energy, LLC.
3. Ascent Energy, LLC has conducted a good faith, diligent effort to find the names and correct addresses of the interest owners entitled to receive notice of the applications filed herein.
4. Notice of the applications was provided to the interest owners, at their correct addresses, by certified mail. Copies of the notice letter and certified return receipts are attached hereto as Attachment A.

EXHIBIT

10A

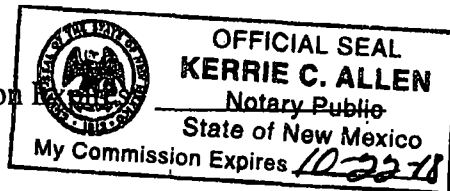
5. Applicant has complied with the notice provisions of Division Rules NMAC 19.15.4.9 and 19.15.4.12.C.

James Bruce  
James Bruce

SUBSCRIBED AND SWORN TO before me this 5<sup>th</sup> day of May, 2018 by James Bruce.

2nd dA.

My Commission Expires



Kerrie C. Allen  
Notary Public

**JAMES BRUCE  
ATTORNEY AT LAW**

POST OFFICE BOX 1056  
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213  
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)  
(505) 660-6612 (Cell)  
(505) 982-2151 (Fax)

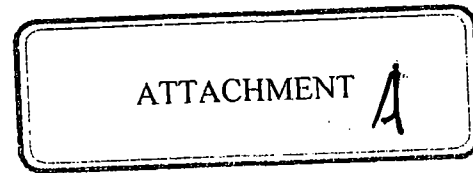
[jamesbruc@aol.com](mailto:jamesbruc@aol.com)

April 11, 2018

CERTIFIED MAIL

To: Persons on Exhibit A

Ladies and gentlemen:



Enclosed are copies of four applications for a non-standard oil spacing and proration unit and compulsory pooling, filed with the New Mexico Oil Conservation Division by Ascent Energy, LLC, regarding:

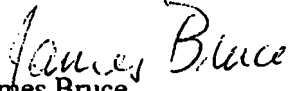
1. Case No. 16084, for a Bone Spring well in the E/2E/2 of Section 12 and NE/4NE/4 of Section 13, Township 21 South, Range 32 East, NMPM, Lea County, New Mexico;
2. Case No. 16085, for a Wolfcamp well in the E/2E/2 of Section 12 and NE/4NE/4 of Section 13, Township 21 South, Range 32 East, NMPM, Lea County, New Mexico;
3. Case No. 16086, for a Bone Spring well in the W/2E/2 of Section 12 and NW/4NE/4 of Section 13, Township 21 South, Range 32 East, NMPM, Lea County, New Mexico; and
4. Case No. 16087, for a Wolfcamp well in the W/2E/2 of Section 12 and NW/4NE/4 of Section 13, Township 21 South, Range 32 East, NMPM, Lea County, New Mexico

These matters are scheduled for hearing at 8:15 a.m. on May 3, 2018, in Porter Hall at the Division's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an owner of an interest that may be affected by these applications, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting these matters at a later date.

A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than Thursday, February 15, 2018. This statement must be filed with the Division's Santa Fe office at the above address, and should include: The names of the party and

its attorney; a concise statement of the case; the names of the witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to the undersigned.

Very truly yours,

  
James Bruce

Attorney for Ascent Energy, LLC

Exhibit A

ConocoPhillips Company  
600 North Dairy Ashford  
Houston, Texas 77079

Attention: Cody Travers

Chevron U.S.A. Inc.  
6301 Deauville Boulevard  
Midland, Texas 79706

Attention: Permitting Team

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

ConocoPhillips Company  
600 North Dairy Ashford  
Houston, Texas 77079

9590 9402 3452 7275 9669 47

2. Article Number (Transfer from service label)

7017 2680 0000 1762 2106

PS Form 3811, July 2015 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

8/13/15

D. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

3. Service Type

☐ Adult Signature☐ Adult Signature Restricted Delivery☒ Certified Mail®☐ Certified Mail Restricted Delivery☐ Collect on Delivery☐ Collect on Delivery Restricted Delivery☐ Insured Mail☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery

1 Delivery

Domestic Return Receipt

U.S. Postal Service™

## CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®

OFFICIAL USE

Certified Mail Fee

\$

Extra Services &amp; Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$☐ Return Receipt (electronic) \$☐ Certified Mail Restricted Delivery \$☐ Adult Signature Required \$☐ Adult Signature Restricted Delivery \$

Postage

\$

Total Postage and Fees

\$

Sent To

Chevron U.S.A. Inc.

Street and Apt. No., or PO

6301 Deauville Boulevard

City, State, ZIP+4®

Midland, Texas 79706

City, State, ZIP+4®

City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

Postmark  
Here

7017 2680 0000 1762 2113

U.S. Postal Service™

## CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®

OFFICIAL USE

Certified Mail Fee

\$

Extra Services &amp; Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$☐ Return Receipt (electronic) \$☐ Certified Mail Restricted Delivery \$☐ Adult Signature Required \$☐ Adult Signature Restricted Delivery \$

Postage

\$

Total Postage and Fees

\$

Sent To

Street and Apt. No., or PO Box

City, State, ZIP+4®

ConocoPhillips Company  
600 North Dairy Ashford  
Houston, Texas 77079

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

Postmark  
Here

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Chevron U.S.A. Inc.  
6301 Deauville Boulevard  
Midland, Texas 79706

9590 9402 3452 7275 9669 47

2. Article Number (Transfer from service label)

7017 2680 0000 1762 2113

PS Form 3811, July 2015 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

Mam Gibson

C. Date of Delivery

4.10.18

D. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

3. Service Type

☐ Adult Signature☐ Adult Signature Restricted Delivery☒ Certified Mail®☐ Certified Mail Restricted Delivery☐ Collect on Delivery☐ Collect on Delivery Restricted Delivery☐ Insured Mail☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery

Restricted Delivery

Ascent - B

Domestic Return Receipt

7017 2680 0000 1762 2106

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

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

**Case No. 16084**

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

**Case No. 16085**

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

**Case No. 16086**

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

**Case No. 16087**

**AFFIDAVIT OF NOTICE**

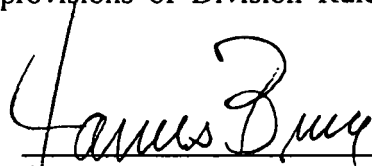
COUNTY OF SANTA FE    )  
                                  ) ss.  
STATE OF NEW MEXICO    )

James Bruce, being duly sworn upon his oath, deposes and states:

1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am an attorney for Ascent Energy, LLC.
3. Ascent Energy, LLC has conducted a good faith, diligent effort to find the names and correct addresses of the offset operators or working interest owners entitled to receive notice of the applications filed herein.
4. Notice of the applications was provided to the offsets by certified mail. Copies of the notice letter and certified return receipts are attached hereto as Attachment A.

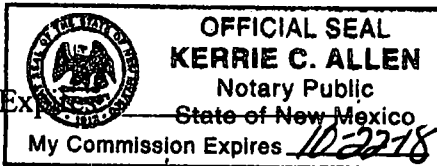
EXHIBIT 10B

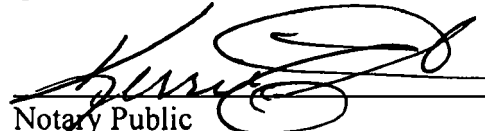
5. Applicant has complied with the notice provisions of Division Rules NMAC 19.15.4.9 and 19.15.4.12.C.

  
James Bruce

SUBSCRIBED AND SWORN TO before me this 5<sup>th</sup> day of May, 2018 by James Bruce.

My Commission Expires



  
Notary Public



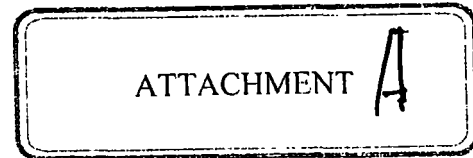
**JAMES BRUCE**  
ATTORNEY AT LAW

POST OFFICE BOX 1056  
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213  
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)  
(505) 660-6612 (Cell)  
(505) 982-2151 (Fax)

[jamesbruce@aol.com](mailto:jamesbruce@aol.com)



April 12, 2018

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

To: Persons on Exhibit A:

Enclosed are copies of four applications for a non-standard oil spacing and proration unit and compulsory pooling, filed with the New Mexico Oil Conservation Division by Ascent Energy, LLC, regarding.

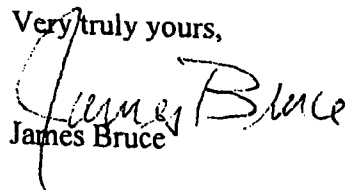
1. Case No. 16084, for a Bone Spring well in the E/2E/2 of Section 12 and NE/4NE/4 of Section 13, Township 21 South, Range 32 East, NMPM, Lea County, New Mexico;
2. Case No. 16085, for a Wolfcamp well in the E/2E/2 of Section 12 and NE/4NE/4 of Section 13, Township 21 South, Range 32 East, NMPM, Lea County, New Mexico;
3. Case No. 16086, for a Bone Spring well in the W/2E/2 of Section 12 and NW/4NE/4 of Section 13, Township 21 South, Range 32 East, NMPM, Lea County, New Mexico; and
4. Case No. 16087, for a Wolfcamp well in the W/2E/2 of Section 12 and NW/4NE/4 of Section 13, Township 21 South, Range 32 East, NMPM, Lea County, New Mexico.

These matters are scheduled for hearing at 8:15 a.m. on Thursday, May 3, 2018, in Porter Hall at the Division's offices at 1220 South St. Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but **as an offset owner or operator** may be affected by one or more of these applications, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting these matters at a later date.

A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than Thursday, April 26, 2018. This statement must be filed with the Division's Santa Fe office at the above address, and should include: The names of the party and its attorney; a concise statement of the case; the names of the witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and

identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to the undersigned.

Very truly yours,

  
James Bruce

Attorney for Ascent Energy, LLC

EXHIBIT A

Cimarex Energy Co.  
Suite 600  
600 North Marienfeld  
Midland, Texas 79701

COG Operating LLC  
600 West Illinois  
Midland, Texas 79701

Advance Energy Partners, LLC  
Suite 950  
11490 Westheimer  
Houston, Texas 77077

EOG Resources, Inc.  
5509 Champions Drive  
Midland, Texas 79706

Chisholm Energy Agent Inc.  
Suite 1200 Unit 20  
801 Cherry Street  
Fort Worth, Texas 76102

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

## 1. Article Addressed to:

Advance Energy Partners, LLC  
Suite 950  
11490 Westheimer  
Houston, Texas 77077

9590 9402 3452 7275 9669 18

## 2. Article Number (Transfer from service label)

7017 2680 0000 1762 2069

PS Form 3811, July 2015 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Valtonica*
☐ Agent  
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

4/16/18

D. Is delivery address different from item 1?

☐ Yes

If YES, enter delivery address below:

☐ No

## 3. Service Type

- ☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☒ Certified Mail®  
☐ Certified Mail Restricted Delivery  
☐ Collect on Delivery  
☐ Collect on Delivery Restricted Delivery
- ☐ Priority Mail Express®  
☐ Registered Mail™  
☐ Registered Mail Restricted Delivery  
☐ Return Receipt for Merchandise  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

U.S. Postal Service™  
CERTIFIED MAIL® RECEIPT  
Domestic Mail OnlyFor delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

OFFICIAL USE

Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$  
☐ Return Receipt (electronic) \$  
☐ Certified Mail Restricted Delivery \$  
☐ Adult Signature Required \$  
☐ Adult Signature Restricted Delivery \$

Postage

Total Postage and Fees

Sent To  
Cimarex Energy Co.  
Suite 600  
600 North Marienfeld  
Midland, Texas 79701

Street and Apt. No., or  
City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

U.S. Postal Service™  
CERTIFIED MAIL® RECEIPT  
Domestic Mail OnlyFor delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

OFFICIAL USE

Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$  
☐ Return Receipt (electronic) \$  
☐ Certified Mail Restricted Delivery \$  
☐ Adult Signature Required \$  
☐ Adult Signature Restricted Delivery \$

Postage

Total Postage and Fees

Sent To  
Advance Energy Partners, LLC  
Suite 950  
11490 Westheimer  
Houston, Texas 77077

City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

## 1. Article Addressed to:

Cimarex Energy Co.  
Suite 600  
600 North Marienfeld  
Midland, Texas 79701

9590 9402 3452 7275 9669 54

2. Article Number 7017 2680 0000 1762 2083

PS Form 3811, July 2015 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Virginia Curtis*
☒ Agent  
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

Virginia Curtis

4-16

D. Is delivery address different from item 1?

☐ Yes

If YES, enter delivery address below:

☐ No

## 3. Service Type

- ☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☒ Certified Mail®  
☐ Certified Mail Restricted Delivery  
☐ Collect on Delivery  
☐ Collect on Delivery Restricted Delivery
- ☐ Priority Mail Express®  
☐ Registered Mail™  
☐ Registered Mail Restricted Delivery  
☐ Return Receipt for Merchandise  
☐ Signature Confirmation™  
☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

**SENDER: COMPLETE THIS SECTION**

■ Complete items 1, 2, and 3.  
 ■ Print your name and address on the reverse so that we can return the card to you.  
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Chisholm Energy Agent Inc.  
 Suite 1200 Unit 20  
 801 Cherry Street  
 Fort Worth, Texas 76102

9590 9402 3452 7275 9669 54

2. Article Number (Transfer from service label)  
 7017 2680 0000 1762 2090

PS Form 3811, July 2015 PSN 7530-02-000-9053

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature *[Signature]* ☐ Agent ☐ Addressee

B. Received by (Printed Name) \_\_\_\_\_ C. Date of Delivery *4/16/18*

D. Is delivery address different from item 1? ☐ Yes  
 If YES, enter delivery address below: ☐ No

3. Service Type  
☐ Adult Signature ☐ Priority Mail Express®  
☐ Adult Signature Restricted Delivery ☐ Registered Mail™  
☒ Certified Mail® ☐ Registered Mail Restricted Delivery  
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise  
☐ Collect on Delivery ☐ Signature Confirmation™  
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery

cted Delivery

*Ascent-o*

Domestic Return Receipt

**U.S. Postal Service™**  
**CERTIFIED MAIL® RECEIPT**  
 Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com).

**OFFICIAL USE**

Certified Mail Fee \$ \_\_\_\_\_

Extra Services & Fees (check box, add fee as appropriate)  
☐ Return Receipt (hardcopy) \$ \_\_\_\_\_  
☐ Return Receipt (electronic) \$ \_\_\_\_\_  
☐ Certified Mail Restricted Delivery \$ \_\_\_\_\_  
☐ Adult Signature Required \$ \_\_\_\_\_  
☐ Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postage \$ \_\_\_\_\_

Total Postage and Fees \$ \_\_\_\_\_

Sent To **COG Operating LLC**  
 600 West Illinois  
 Midland, Texas 79701

Street and Apt. No., or P.O. Box \_\_\_\_\_  
 City, State, ZIP+4® \_\_\_\_\_

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions.

**U.S. Postal Service™**  
**CERTIFIED MAIL® RECEIPT**  
 Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com).

**OFFICIAL USE**

Certified Mail Fee \$ \_\_\_\_\_

Extra Services & Fees (check box, add fee as appropriate)  
☐ Return Receipt (hardcopy) \$ \_\_\_\_\_  
☐ Return Receipt (electronic) \$ \_\_\_\_\_  
☐ Certified Mail Restricted Delivery \$ \_\_\_\_\_  
☐ Adult Signature Required \$ \_\_\_\_\_  
☐ Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postage \$ \_\_\_\_\_

Total Postage and Fees \$ \_\_\_\_\_

Sent To **Chisholm Energy Agent Inc.**  
 Suite 1200 Unit 20  
 801 Cherry Street  
 Fort Worth, Texas 76102

Street and Apt. No. \_\_\_\_\_  
 City, State, ZIP+4® \_\_\_\_\_

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions.

**SENDER: COMPLETE THIS SECTION**

■ Complete items 1, 2, and 3.  
 ■ Print your name and address on the reverse so that we can return the card to you.  
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

COG Operating LLC  
 600 West Illinois  
 Midland, Texas 79701

9590 9402 3452 7275 9669 85

2. Article Number (Transfer from service label)  
 7017 2680 0000 1762 2076

PS Form 3811, July 2015 PSN 7530-02-000-9053

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature *[Signature]* ☐ Agent ☐ Addressee

B. Received by (Printed Name) \_\_\_\_\_ C. Date of Delivery *4/16/18*

D. Is delivery address different from item 1? ☐ Yes  
 If YES, enter delivery address below: ☐ No

3. Service Type  
☐ Adult Signature ☐ Priority Mail Express®  
☐ Adult Signature Restricted Delivery ☐ Registered Mail™  
☒ Certified Mail® ☐ Registered Mail Restricted Delivery  
☐ Certified Mail Restricted Delivery ☐ Return Receipt for Merchandise  
☐ Collect on Delivery ☐ Signature Confirmation™  
☐ Collect on Delivery Restricted Delivery ☐ Signature Confirmation Restricted Delivery

cted Delivery

*Ascent-o*

Domestic Return Receipt

7017 2680 0000 1762 2052

**U.S. Postal Service™**  
**CERTIFIED MAIL® RECEIPT**  
*Domestic Mail Only*

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

**OFFICIAL USE**

Certified Mail Fee

\$

Extra Services & Fees (check box, add fee as appropriate)

- ☐ Return Receipt (hardcopy) \$ \_\_\_\_\_  
☐ Return Receipt (electronic) \$ \_\_\_\_\_  
☐ Certified Mail Restricted Delivery \$ \_\_\_\_\_  
☐ Adult Signature Required \$ \_\_\_\_\_  
☐ Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postage

\$

Total Postage and Fees

\$

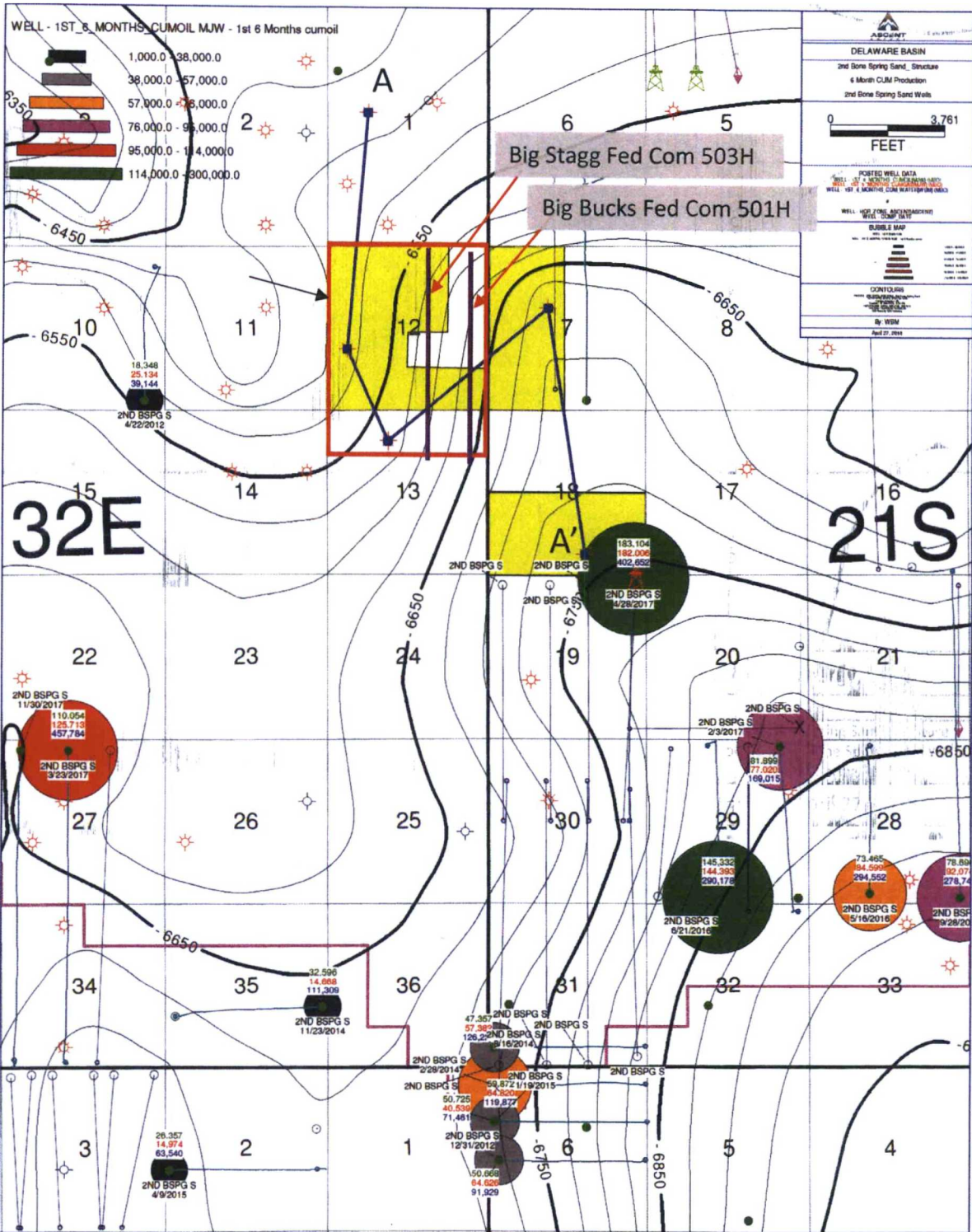
Sent To

Street and Apt. No., or PO

City, State, ZIP+4®

EOG Resources, Inc.  
5509 Champions Drive  
Midland, Texas 79706

Postmark  
Here



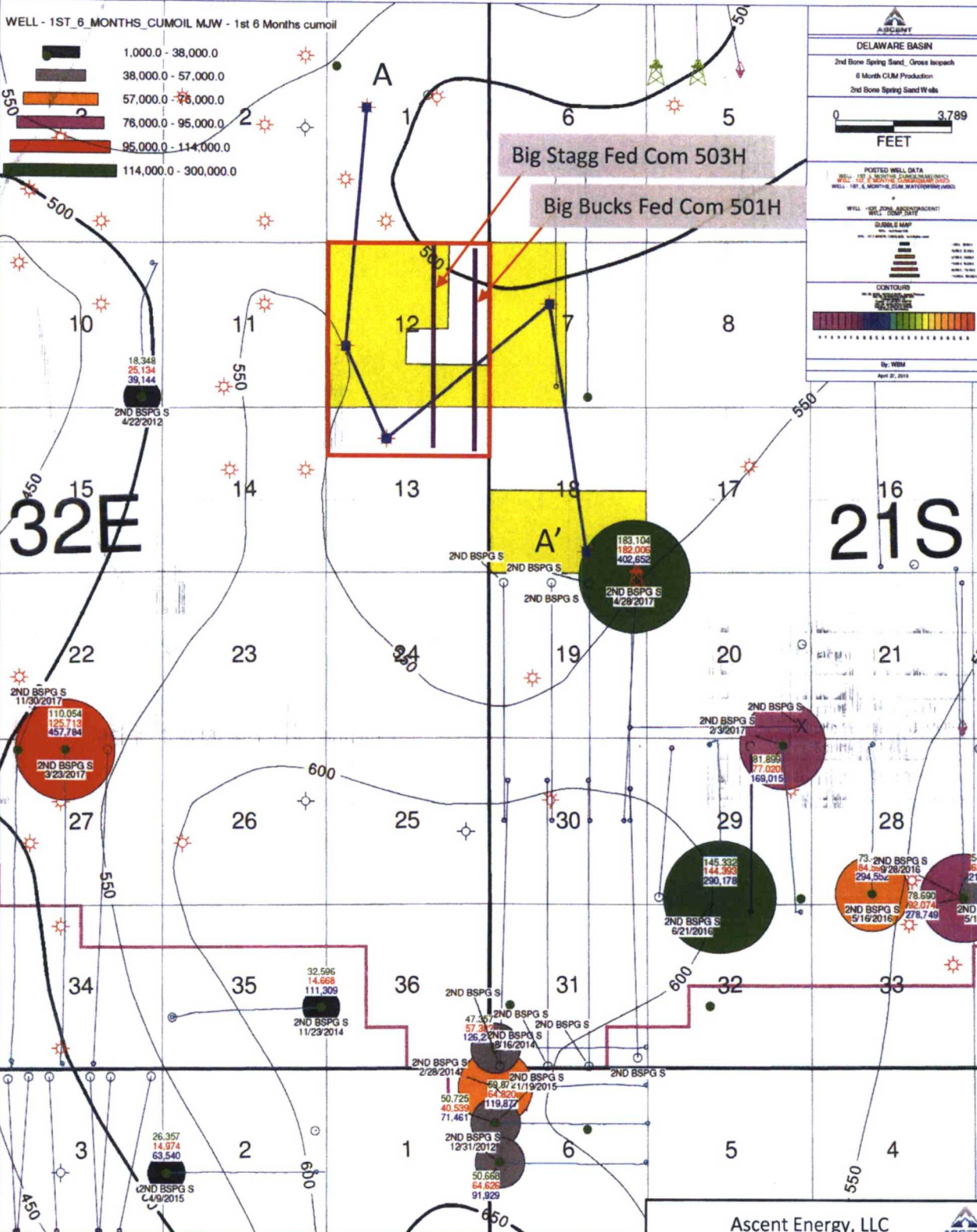
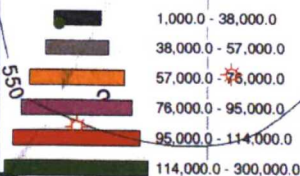
Approved BLM Potash Development Area

EXHIBIT **II**

Ascent Energy, LLC	
2nd Bone Spring Sand Structure Producing 2nd Bone Spring Sand Wells & Bone Spring Permits	
CI = 25'	April 27, 2018



WELL - 1ST 6 MONTHS\_CUMOIL MJW - 1st 6 Months cumoil



**ASCENT**

**DELAWARE BASIN**

2nd Bone Spring Sand, Gross Isopach  
6 Month CUM Production  
2nd Bone Spring Sand Wells

0 3,789  
FEET

POSTED WELL DATA  
WELL: 1ST 6 MONTHS\_CUMOIL MJW  
WELL: 1ST 6 MONTHS\_CUMOIL MJW  
WELL: 1ST 6 MONTHS\_CUMOIL MJW

WELL: 1ST 6 MONTHS\_CUMOIL MJW  
WELL: 1ST 6 MONTHS\_CUMOIL MJW  
WELL: 1ST 6 MONTHS\_CUMOIL MJW

CONTOUR  
500  
550  
600  
650

By: WBM  
April 27, 2018



Approved BLM Potash Development Area

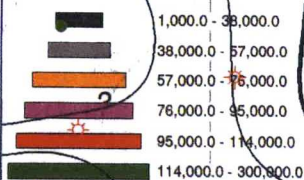
**Ascent Energy, LLC**

2nd Bone Spring Sand Isopach  
Producing 2nd Bone Spring Sand Wells &  
Bone Spring Permits

CI = 50' April 27, 2018



WELL - 1ST 6 MONTHS CUM OIL MJW - 1st 6 Months cumoil



**DELaware BASIN**  
2nd Bone Spring Sand - GR-50  
6 Month CUM Production  
2nd Bone Spring Sand Wells

0 3,789  
FEET

PORTED WELL DATA  
WELL - 1ST 6 MONTHS CUM OIL MJW  
WELL - 1ST 6 MONTHS CUM OIL MJW  
WELL - 1ST 6 MONTHS CUM OIL MJW

WELL - 1ST 6 MONTHS CUM OIL MJW  
WELL - 1ST 6 MONTHS CUM OIL MJW  
WELL - 1ST 6 MONTHS CUM OIL MJW

CONTOURS  
500  
525  
550  
575  
600  
625  
650  
675  
700  
725  
750  
775  
800  
825  
850  
875  
900  
925  
950  
975  
1000

By: WBS  
April 27, 2018

Big Stag Fed Com 503H

Big Bucks Fed Com 501H

32E

21S

2ND BSPG S  
11/30/2017  
110,054  
125,713  
457,784

2ND BSPG S  
4/28/2017  
183,104  
182,006  
402,652

2ND BSPG S  
2/3/2017  
81,899  
77,023  
169,015

2ND BSPG S  
6/21/2016  
145,332  
144,333  
290,178

2ND BSPG S  
5/18/2016  
78,890  
62,074  
278,749

2ND BSPG S  
11/23/2014  
32,598  
14,068  
111,309

2ND BSPG S  
2/28/2014  
47,361  
57,382  
126,220

2ND BSPG S  
1/19/2015  
50,725  
40,550  
71,481

2ND BSPG S  
12/31/2012  
50,866  
84,826  
91,926



Approved BLM Potash Development Area

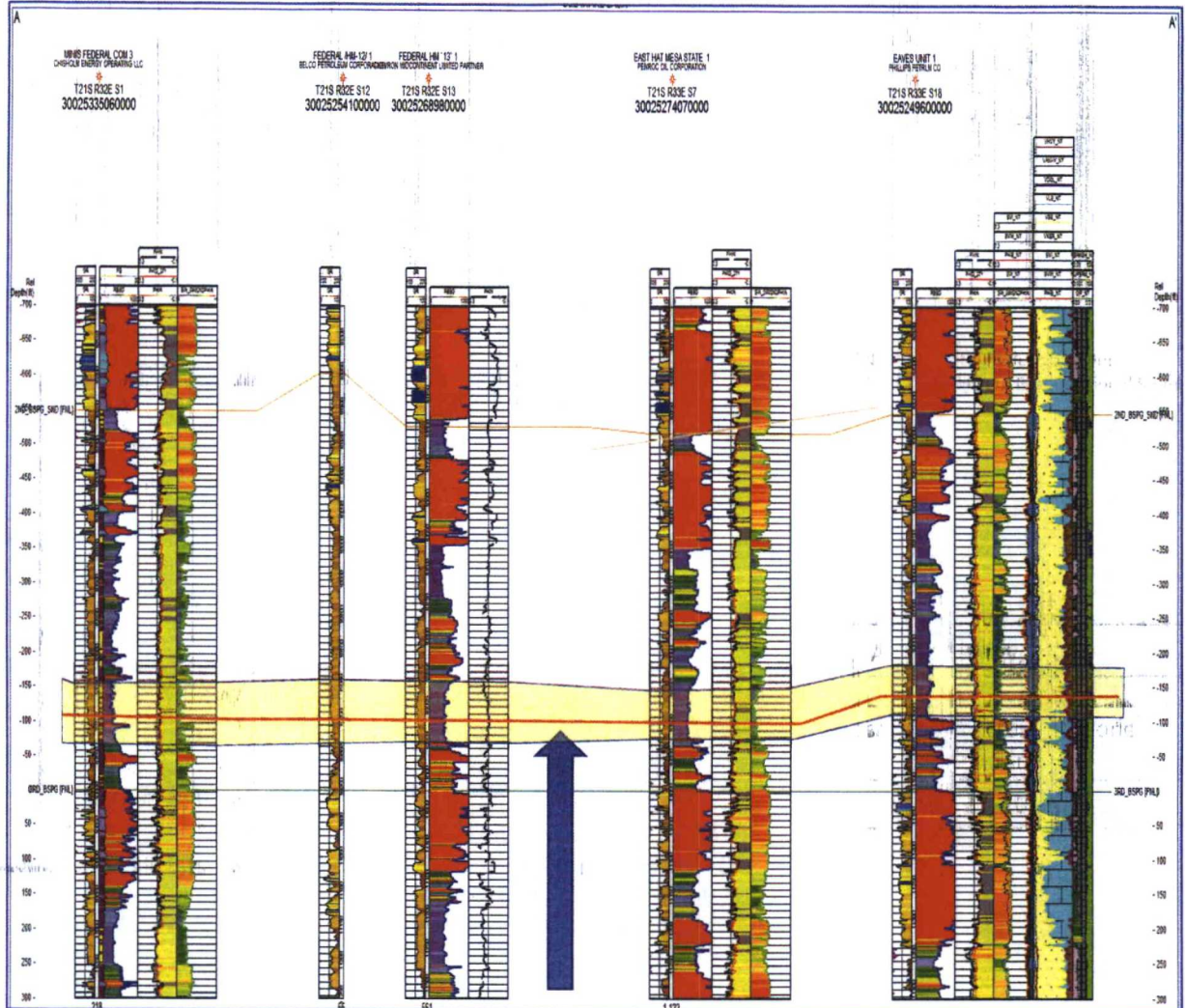
Ascent Energy, LLC



2nd Bone Spring Sand Net Sand  
Producing 2nd Bone Spring Sand Wells &  
Bone Spring Permits

CI = 25'

April 27, 2018



Proposed Target for:  
Big Bucks Fed COM 501H &  
Big Stag 503H

\*NUTECH Petrophysical log from  
NUTECH's Delaware Basin Regional Study



Ascent Energy, LLC



Cross Section across 2<sup>nd</sup> Bone  
Spring Sand

April 27, 2018

4



Big Bucks Fed Com 501H Big Staggs Fed Com 503H Offset 2nd Bone Spring Sand Production Table															
UWI (API Num)	Operator	Well Label	Township	Range	Section	SPUD DATE	COMP DATE	1ST 6 MONTHS CUM OIL BO	1ST 6 MONTHS CUM GAS MCF	1ST 6 MONTHS CUM WATER BW	CUM OIL BO	CUM GAS MCF	CUM WATER BW	LATERAL AZIMUTH	HOR_ZONE
30025403650000	CIMAREX ENERGY CO OF COLORADO	HAT MESA '10' FEDERA 2H	21S	32E	10	1/8/2012	4/22/2012	18348	25134	39144	61860	83912	132583	N/S	2ND BSPG S
30025405190000	ADVANCE ENERGY PARTNERS HAT MESA LLC	AO '6' STATE 1H	22S	33E	6	8/29/2012	12/31/2012	50668	64626	91929	160556	191466	364862	W/E	2ND BSPG S
30025411770000	ADVANCE ENERGY PARTNERS HAT MESA LLC	COOP 6 STATE 1H	22S	33E	6	9/3/2013	2/28/2014	59872	64820	119877	159871	266481	330332	W/E	2ND BSPG S
30025411780000	ADVANCE ENERGY PARTNERS HAT MESA LLC	DAGGER STATE UNIT 2H	21S	33E	31	1/7/2014	8/16/2014	47357	57382	126229	106970	175210	285828	W/E	2ND BSPG S
30025417800100	OXY USA WTP LP	ANDERSON '35' 3H	21S	32E	35	7/24/2014	11/23/2014	32596	14668	111309	65432	43172	244052	W/E	2ND BSPG S
30025419810000	ADVANCE ENERGY PARTNERS HAT MESA LLC	COOP 6 STATE 2H	22S	33E	6	8/31/2014	1/19/2015	50725	40539	71461	178359	287152	276261	W/E	2ND BSPG S
30025422650000	OXY USA INC	SPEAK EASY FEDERAL U 3H	22S	32E	2	12/29/2014	4/9/2015	26357	14974	63540	67480	38693	155402	W/E	2ND BSPG S
30025429040000	COG OPERATING LIMITED LIABILITY CORP	WARBLER STATE COM 002Y	21S	33E	28	10/31/2015	5/16/2016	73465	84599	294552	155877	235102	561156	N/S	2ND BSPG S
30025415180000	EOG RESOURCES INCORPORATED	FRUIT LOOP 29 STATE 501H	21S	33E	29	9/30/2015	6/21/2016	145332	144393	290178	284565	304266	464058	N/S	2ND BSPG S
30025433100000	COG OPERATING LIMITED LIABILITY CORP	WARBLER STATE COM 4H	21S	33E	16	7/7/2016	9/28/2016	78690	92074	278749	208650	268324	585727	N/S	2ND BSPG S
30025422300000	MARATHON OIL PERMIAN LLC	ABE STATE 003H	21S	33E	32	10/11/2016	2/3/2017	81899	77020	169015	111204	102496	205255	N/S	2ND BSPG S
30025432760000	MEWBOURNE OIL COMPANY	BILBREY 34-27 B2NC F 001H	21S	32E	34	9/9/2016	3/23/2017	110054	125713	457784	158473	188850	607975	N/S	2ND BSPG S
30025433020000	ADVANCE ENERGY PARTNERS HAT MESA LLC	DAGGER STATE COM 504H	21S	33E	30	7/25/2016	4/28/2017	183104	182006	402652	292496	288672	554238	N/S	2ND BSPG S
30025438720000	MEWBOURNE OIL COMPANY	BILBREY 34-27 B2MD F 001H	21S	32E	34	8/8/2017	11/30/2017	NA	NA	NA	47792	41607	145775	N/S	2ND BSPG S

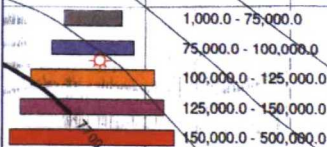
Ascent Energy, LLC



2<sup>nd</sup> Bone Spring Sand Production  
Data Table

April 27, 2018

WELL - 1ST 6 MONTHS CUMULATIVE M.W. - 1st 6 Months cumoil



Big Stagg Fed Com 703H

Big Bucks Fed Com 701H

Concho: Mas Fed 2H  
IP 24: 716 BO, 1417-MCF, 170 BW  
4/5/2018 WC

AEP: Dagger State 701H  
TD reached end of March, 2018.  
WC XY



Approved BLM Potash Development Area

Ascent Energy, LLC



Wolfcamp A Structure  
Producing Wolfcamp Wells & Wolfcamp  
Permits

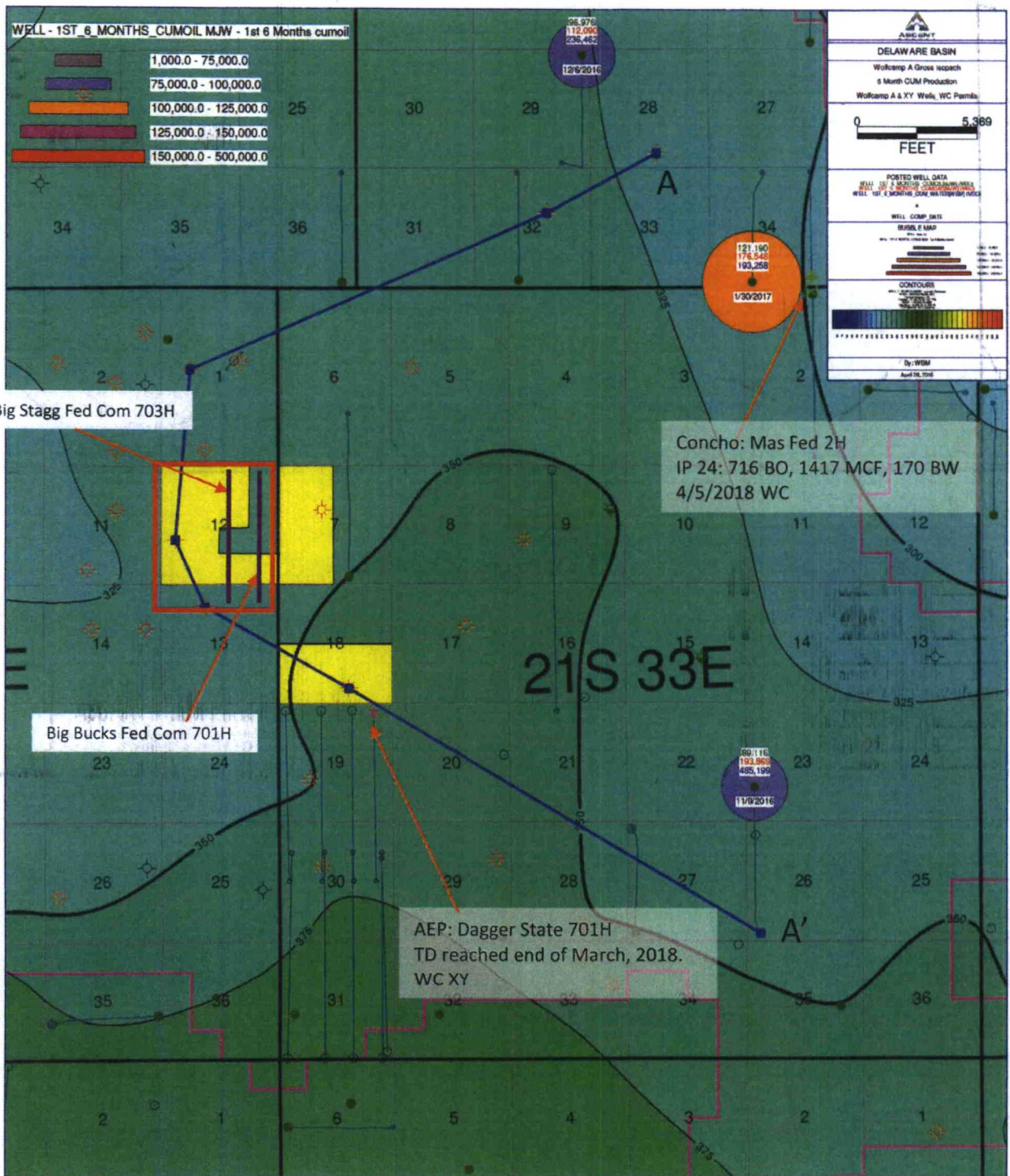
CI = 50'

April 28, 2019

EXHIBIT

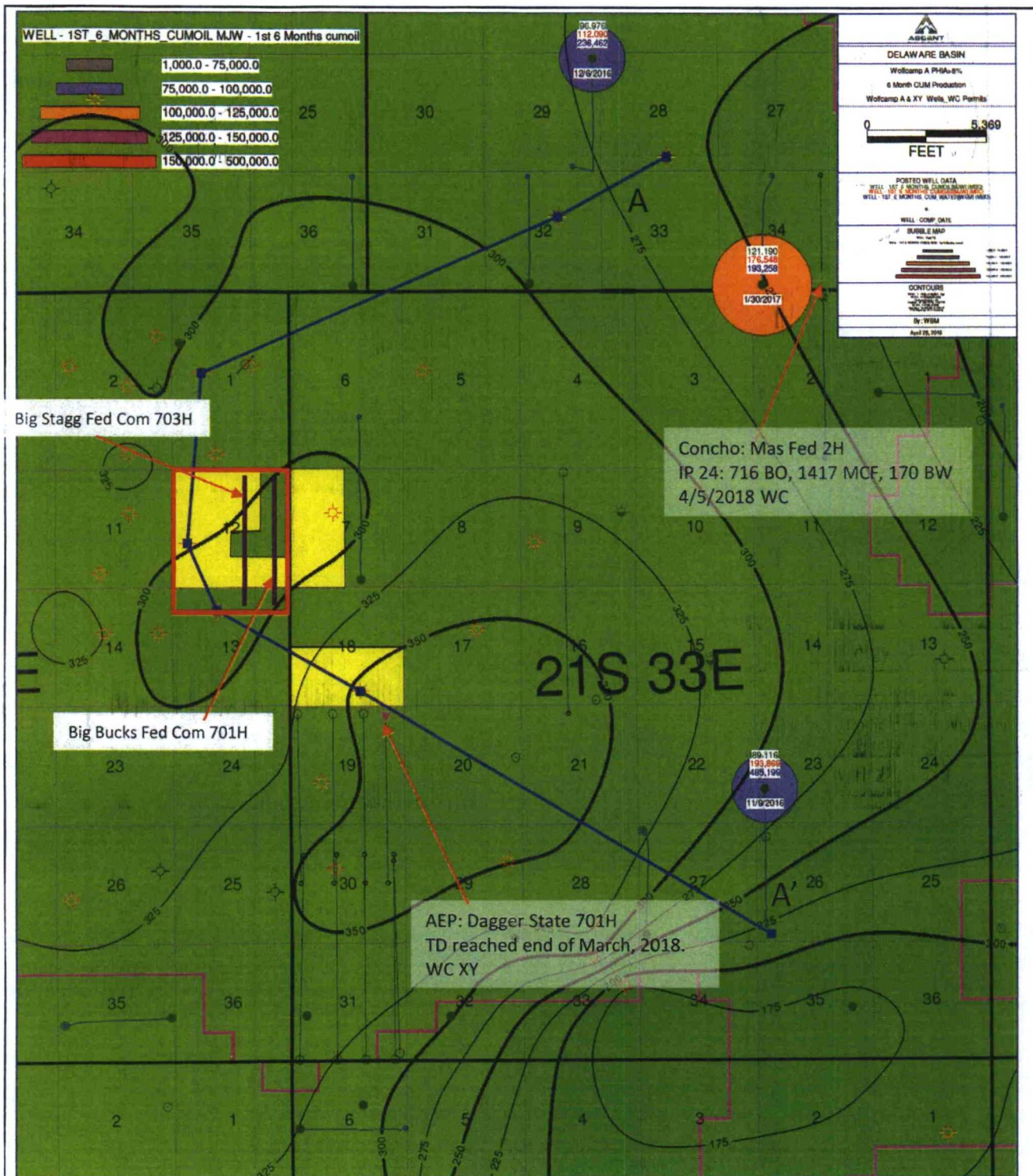
12





Approved BLM Potash Development Area





Approved BLM Potash Development Area

Ascent Energy, LLC



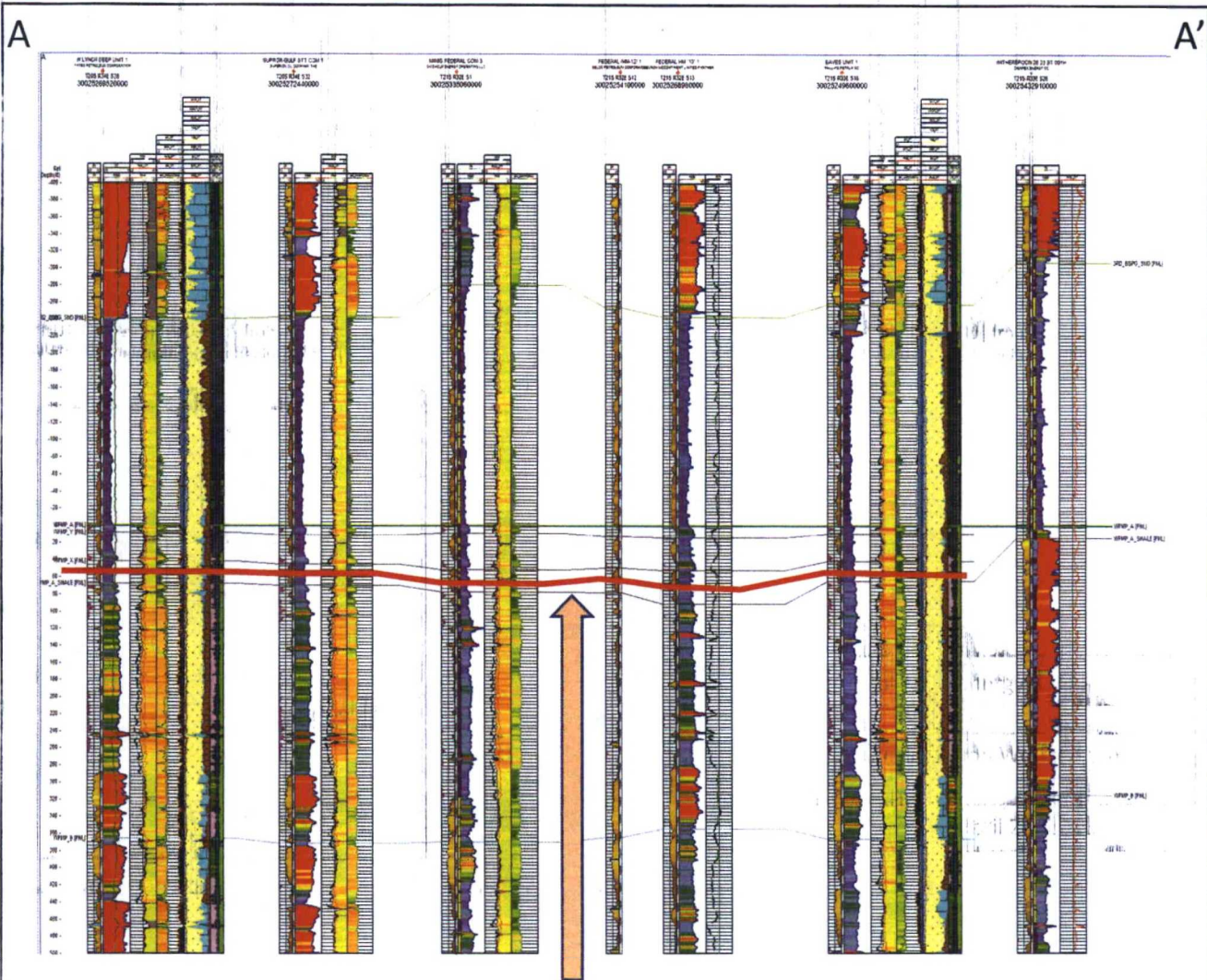
Wolfcamp A PhiA >8%  
Producing Wolfcamp Wells & Wolfcamp  
Permits

CI = 25'

April 28, 2018

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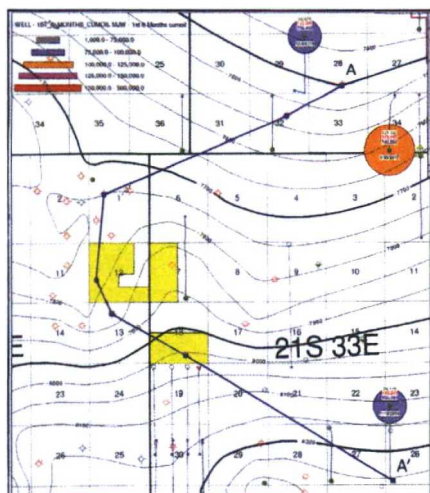




\*NUTECH Petrophysical log from  
NUTECH's Delaware Basin Regional Study

Proposed  
Big Bucks Fed Com 701H  
& Big Stag Fed Com 703H

\*NUTECH Petrophysical log from  
NUTECH's Delaware Basin Regional Study




Ascent Energy, LLC
Cross Section Wolfcamp A
April 28, 2018

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Big Bucks Fed Com 701H Big Staggs Fed Com 703H Offset Wolfcamp A & XY Production Table															
UWI (API Num)	Operator	Well Label	Township	Range	Section	SPUD DATE	COMP DATE	1ST 6 MONTHS CUM OIL BO	1ST 6 MONTHS CUM GAS MCF	1ST 6 MONTHS CUM WATER BW	CUM OIL BO	CUM GAS MCF	CUM WTR BW	LATERAL AZIMUTH	HCR_ZONE
30025432910100	CIMAREX ENERGY COMPANY	WITHERSPOON 26 23 ST 001H	21S	33E	26	7/26/2016	11/9/2016	89116	193869	485199	165345	375439	826601	N/S	WC AL
30025430530000	EOG RESOURCES INCORPORATED	DELLA 29 FEDERAL COM 701H	20S	34E	29	6/19/2016	12/6/2016	96976	112090	236462	147692	167235	357025	N/S	WC XY
30025434820000	COG OPERATING LIMITED LIABILITY CORP	MAS FEDERAL 4H	20S	34E	34	12/1/2016	1/30/2017	121190	176548	193258	207089	329780	313806	N/S	WC XY
30025442140100	COG OPERATING LLC	MAS FEDERAL COM 002H	20S	34E	34	1/20/2018	Mar-18	IP24: 716	IP24: 1417	IP24: 170	NA	NA	NA	N/S	No Survey

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Ascent Energy, LLC	
Wolfcamp Horizontal Production Data Table	
April 28, 2018	