

**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. 16232

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

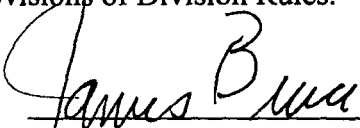
Case No. 16233

AFFIDAVIT OF NOTICE

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

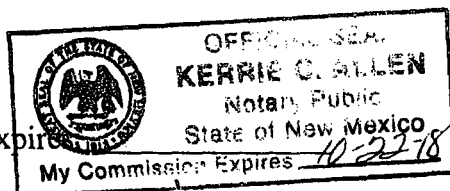
James Bruce, being duly sworn upon his oath, deposes and states:

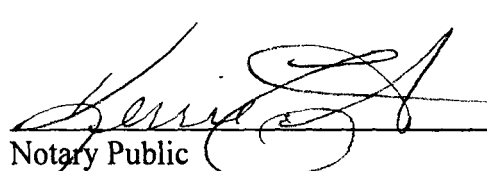
1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am an attorney for Ascent Energy, LLC.
3. Ascent Energy, LLC has conducted a good faith, diligent effort to find the names and correct addresses of the interest owners entitled to receive notice of the applications 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.
5. Applicant has complied with the notice provisions of Division Rules.


James Bruce

SUBSCRIBED AND SWORN TO before me this 3rd day of October, 2018 by
James Bruce.

My Commission Expires




Notary Public

EXHIBIT

10/4/18

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

June 5, 2018

CERTIFIED MAIL

To: Persons on Exhibit A

Ladies and gentlemen:

Enclosed are copies of two 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:

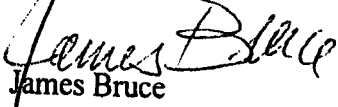
1. Case No. 16232, for two Wolfcamp wells well in the W/2W/2 of Section 28 and W/2W/2 of Section 33, Township 20 South, Range 33 East, NMPM, Lea County, New Mexico; and
2. Case No. 16233, for seven Bone Spring wells in the W/2W/2 of Section 28 and W/2W/2 of Section 33, Township 20 South, Range 33 East, NMPM, Lea County, New Mexico. One of the proposed Bone Spring wells is at an unorthodox location.

These matters are scheduled for hearing at 8:15 a.m. on June 28, 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, June 21, 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.

ATTACHMENT *A*

Very truly yours,


James Bruce

Attorney for Ascent Energy, LLC

Exhibit A

Camterra Resources Partners, Ltd.
2615 East End Boulevard South
Marshall, Texas 75672

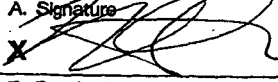
John Benedict
308 Zoeller Lane
Boerne, Texas 78005

COG Operating LLC
600 West Illinois Avenue
Midland, Texas 79701

Marathon Oil Permian LLC
5555 San Felipe Street
Houston, Texas 77056

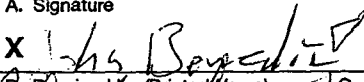
Attention: Matt Brown

XTO Holdings LLC
810 Houston Street
Fort Worth, Texas 76102

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY													
■ 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.		A. Signature  ☐ Agent ☐ Addressee B. Received by (Printed Name) _____ C. Date of Delivery <u>6/11/18</u>													
1. Article Addressed to: COG Operating LLC 600 West Illinois Avenue Midland, Texas 79701		D. Is delivery address different from item 1? ☐ Yes ☐ No If YES, enter delivery address below:													
2. Article Number (Transfer from sender label) 9590 9402 3453 7275 3726 00		3. Service Type <table border="0"> <tr> <td>☐ Adult Signature</td> <td>☐ Priority Mail Express®</td> </tr> <tr> <td>☐ Adult Signature Restricted Delivery</td> <td>☐ Registered Mail™</td> </tr> <tr> <td>☒ Certified Mail®</td> <td>☐ Registered Mail Restricted Delivery</td> </tr> <tr> <td>☐ Certified Mail Restricted Delivery</td> <td>☐ Return Receipt for Merchandise</td> </tr> <tr> <td>☐ Collect on Delivery</td> <td>☐ Signature Confirmation™</td> </tr> <tr> <td>☐ Collect on Delivery Restricted Delivery</td> <td>☐ Signature Confirmation Restricted Delivery</td> </tr> </table>		☐ 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
☐ 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														
7017 2680 0000 1763 6646		PS Form 3811, July 2015 PSN 7530-02-000-9053													

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at 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 \$ _____	Postmark Here
Sent To John Benedict 308 Zoeller Lane Boerne, Texas 78005 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® 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 \$ _____	Postmark Here
Sent To COG Operating LLC 600 West Illinois Avenue Midland, Texas 79701 City, State, ZIP+4® _____	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY													
■ 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.		A. Signature  ☐ Agent ☐ Addressee B. Received by (Printed Name) _____ C. Date of Delivery <u>6-15-18</u>													
1. Article Addressed to: John Benedict 308 Zoeller Lane Boerne, Texas 78005		D. Is delivery address different from item 1? ☐ Yes ☐ No If YES, enter delivery address below:													
2. Article Number (Transfer from sender label) 9590 9402 3453 7275 3726 17		3. Service Type <table border="0"> <tr> <td>☐ Adult Signature</td> <td>☐ Priority Mail Express®</td> </tr> <tr> <td>☐ Adult Signature Restricted Delivery</td> <td>☐ Registered Mail™</td> </tr> <tr> <td>☒ Certified Mail®</td> <td>☐ Registered Mail Restricted Delivery</td> </tr> <tr> <td>☐ Certified Mail Restricted Delivery</td> <td>☐ Return Receipt for Merchandise</td> </tr> <tr> <td>☐ Collect on Delivery</td> <td>☐ Signature Confirmation™</td> </tr> <tr> <td>☐ Collect on Delivery Restricted Delivery</td> <td>☐ Signature Confirmation Restricted Delivery</td> </tr> </table>		☐ 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
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☐ 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														
7017 2680 0000 1763 6653		PS Form 3811, July 2015 PSN 7530-02-000-9053													

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:

Camterra Resources Partners, Ltd.
 2615 East End Boulevard South
 Marshall, Texas 75672

9590 9402 3453 7275 3726 24

2. Article Number (Transfer from service label)
 7017 2680 0000 1763 6660

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) *[Signature]* C. Date of Delivery *6/13/18*

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

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

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

Ascent - G Domestic Return Receipt

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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 XTO Holdings LLC
 810 Houston 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

U.S. Postal Service™
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For delivery information, visit our website at 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 Camterra Resources Partners, Ltd.
 2615 East End Boulevard South
 Marshall, Texas 75672

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:

XTO Holdings LLC
 810 Houston Street
 Fort Worth, Texas 76102

9590 9402 3453 7275 3725 87

2. Article Number (Transfer from service label)
 7017 2680 0000 1763 6622

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) *[Signature]* C. Date of Delivery *JUN 11 2018*

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

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

Ascent - G 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:

Marathon Oil Permian LLC
5555 San Felipe Street
Houston, Texas 77056

9590 9402 3453 7275 3725 94

2. Article

7017 2680 0000 1763 6639

id Delivery

COMPLETE THIS SECTION ON DELIVERY

A. Signature

x *Marcos Comey*

- ☐ Agent
☐ Addressee

B. Received by (Printed Name)

Marcos Comey

C. Date of Delivery

6-11-18

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

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

Ascent G

Domestic Return Receipt

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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

Marathon Oil Permian LLC
5555 San Felipe Street
Houston, Texas 77056

it and Apt. No.

City, State, ZIP+4

Postmark
Here

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

See Reverse for Instructions

7017 2680 0000 1763 6639

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

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

Case No. 16232

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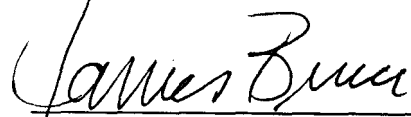
Case No. 16233

AFFIDAVIT OF NOTICE

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

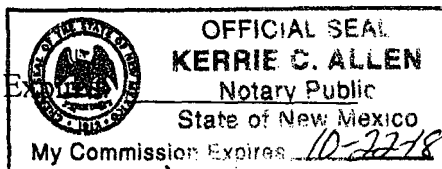
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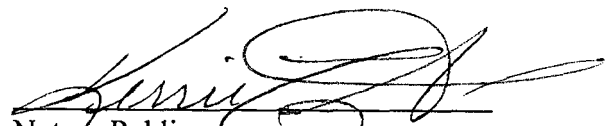
1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am an attorney for Ascent Energy, LLC.
3. Ascent Energy, LLC has conducted a good faith, diligent effort to find the names and correct addresses of the offset operators or working interest owners entitled to receive 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.
5. Applicant has complied with the notice provisions of Division Rules.

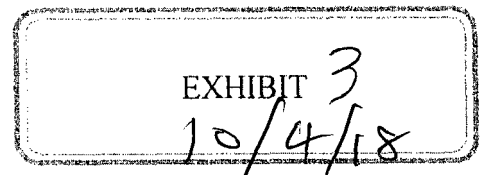

James Bruce

SUBSCRIBED AND SWORN TO before me this 3rd day of October, 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)

jamesbruc@aol.com

June 5, 2018

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

To: Persons on Exhibit A:

Enclosed are copies of two 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.

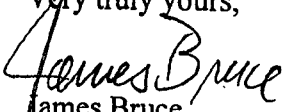
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ATTACHMENT *A*

Very truly yours,


James Bruce

Attorney for Ascent Energy, LLC

EXHIBIT A

XTO Energy Inc.
ExxonMobil Corporation
810 Houston Street
Fort Worth, Texas 76102

Strata Production Company
1301 North Sycamore Avenue
Roswell, New Mexico 88201

Devon Energy Production Company, L.P.
333 West Sheridan
Oklahoma City, Oklahoma 73102

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

RKC Inc.
7029 East Briarwood Circle
Englewood, Colorado 80112

RKC Inc.
Suite 380
7500 East Arapahoe Road
Centennial, Colorado 80112

Bureau of Land Management
620 East Greene Street
Carlsbad, New Mexico 88220

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:

XTO Energy Inc.
ExxonMobil Corporation
810 Houston Street
Fort Worth, Texas 76102

9590 9402 3453 7275 3725 56

2. Article Number (Transfer from service label)

7017 2680 0000 1763 6677

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *[Signature]*☐ Agent☐ Addressee

B. Received by (Printed Name)

J. L. Anderson

C. Date of Delivery

JUN 11 2018

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

Mail

☐ Mail Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery

(over 500)

Domestic Return Receipt

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail OnlyFor delivery information, visit our website at 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

Devon Energy Production Company, L.P.

Street and Apt. No.,

333 West Sheridan

City, State, ZIP+4®

Oklahoma City, Oklahoma 73102

Postmark
Here

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

See Reverse for Instructions

7017 2680 0000 1763 6677

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT

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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

XTO Energy Inc.
ExxonMobil Corporation
810 Houston Street
Fort Worth, Texas 76102

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

Postmark
Here

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:

Devon Energy Production Company, L.P.
333 West Sheridan
Oklahoma City, Oklahoma 73102

9590 9402 3453 7275 3725 56

2. Article Number (Transfer from service label)

7017 2680 0000 1763 6714

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *[Signature]*☐ Agent☐ Addressee

B. Received by (Printed Name)

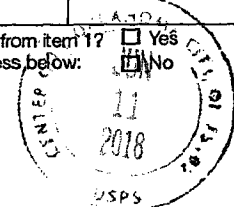
C. Date of Delivery

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

Mail

☐ Mail Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Return Receipt for Merchandise☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery

ASC

Domestic Return Receipt

7017 2680 0000 1763 6677

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
■ 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.		A. Signature ☒ <u>Donna Bauer</u> ☐ Agent ☐ Addressee	
1. Article Addressed to: Strata Production Company 1301 North Sycamore Avenue Roswell, New Mexico 88201		B. Received by (Printed Name) _____ C. Date of Delivery <u>6/16/15</u>	
2. Article Number (Transfer from service label) <u>7017 2680 0000 1763 6721</u>		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			

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

Domestic Return Receipt

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at 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 Bureau of Land Management 620 East Greene Street Carlsbad, New Mexico 88220	
Street and Apt. No., or PO 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

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
■ 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.		A. Signature ☒ _____ ☐ Addressee	
1. Article Addressed to: Bureau of Land Management 620 East Greene Street Carlsbad, New Mexico 88220		B. Received by (Printed Name) _____ C. Date of Delivery _____	
2. Article Number (Transfer from service label) <u>7017 2680 0000 1763 6745</u>		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			

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

See Reverse for Instructions

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
■ 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.		A. Signature ☒ _____ ☐ Addressee	
1. Article Addressed to: Bureau of Land Management 620 East Greene Street Carlsbad, New Mexico 88220		B. Received by (Printed Name) _____ C. Date of Delivery _____	
2. Article Number (Transfer from service label) <u>7017 2680 0000 1763 6745</u>		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			

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

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:

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

9590 9402 3453 7275 3725 45

2. Article Number (Transfer from service label)

7017 2680 0000 1763 6707

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

6-12-12

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

Restricted Delivery

Domestic Return Receipt

U.S. Postal Service™

CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at 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

RKC Inc.

Suite 380

7500 East Arapahoe Road
Centennial, Colorado 80112

City, State, ZIP+4®

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

See Reverse for Instructions

Postmark
HereU.S. Postal Service™
CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at 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

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

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

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:

RKC Inc.
Suite 380
7500 East Arapahoe Road
Centennial, Colorado 80112

9590 9402 3453 7275 3725 25

7017 2680 0000 1763 6684

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

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 THIS SECTION ON DELIVERY
■ 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 3433 1215 3725 18	A. Signature <i>[Signature]</i> ☒ Agent ☐ Addressee B. Received by (Printed Name) <i>Ethia Saenz</i> C. Date of Delivery <i>10/11/18</i> D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No
2. Article Number (over \$500) 7017 2680 0000 1763 6738	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

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

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at 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 \$	Postmark Here
Sent To RKC Inc. Street and Apt. No., or PO Box 7029 East Briarwood Circle City, State, ZIP+4® Englewood, Colorado 80112	
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 ®	
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 \$	Postmark Here
Sent To Chevron U.S.A. Inc. Street and Apt. No., or PO Box 6301 Deauville Boulevard City, State, ZIP+4® Midland, Texas 79706	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

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. 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 BEN METZ

Ben Metz, 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 a geologist for Ascent Energy, LLC ("Ascent"), and I am familiar with the geological matters involved in this case. I have been qualified by the Division as an expert petroleum geologist.
3. The geological plats in Attachment A pertain to the Wolfcamp wells (Case 16232):
 - (a) A structure map on top of the Wolfcamp formation. It shows that structure dips gently to the south. It also shows a line of cross-section.
 - (b) A cross section. The well logs on the cross-section give a representative sample of the Wolfcamp formation in this area. The target zones (the XY and A zones) are continuous across the well unit.
 - (c) A list of existing Wolfcamp XY and A wells in the area. The wells are all north/south in orientation and are generally viewed to be economic. That north/south orientation is preferred in this area.
4. The geological plats in Attachments B-F pertain to the Bone Spring wells (Case 16233), and cover the Bone Spring Avalon, Bone Spring Leonard B, First Bone Spring Sand, Second Bone spring Sand, and Third Bone Spring Sand. All of these zones are prospective in this area. They show:
 - (a) Structure maps on top of each Bone Spring zone. They show that structure generally dips gently to the south southeast. Each structure map also shows a line of cross-section.

EXHIBIT

4

(b) Cross-sections of each Bone Spring zone. The well logs on the cross-sections give a representative sample of the Bone Spring zones in this area. The target zones are continuous across the well unit.

(c) A list of producing Bone Spring wells in the area. The wells are virtually all north/south in orientation, and modern wells using adequate reservoir stimulation are economic. That north/south orientation is preferred in this area.

4. I conclude from the maps that:

(a) The Wolfcamp and Bone Spring horizontal spacing units are justified from a geologic standpoint.

(b) Each quarter-quarter section in the Wolfcamp and Bone Spring units will contribute more or less equally to production.

(c) There is no faulting or other geologic impediment on the area which will affect the drilling of the subject well.

5. The granting of these applications is in the interests of conservation and the prevention of waste.

VERIFICATION

STATE OF COLORADO

)

) ss.

CITY AND COUNTY OF DENVER

)

Ben Metz, being duly sworn upon his oath, deposes and states that: He is a geologist for Ascent Energy, LLC; he is authorized to make this verification on its behalf; he has read the foregoing statement, and knows the contents thereof; and the same is true and correct to the best of his knowledge, information, and belief.

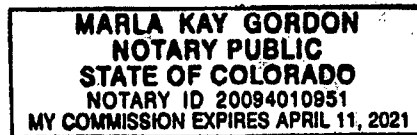
Ben Metz

SUBSCRIBED AND SWORN TO before me this 3 day of October, 2018 by Ben Metz.

My Commission Expires: 4-11-21



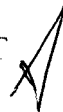
Notary Public

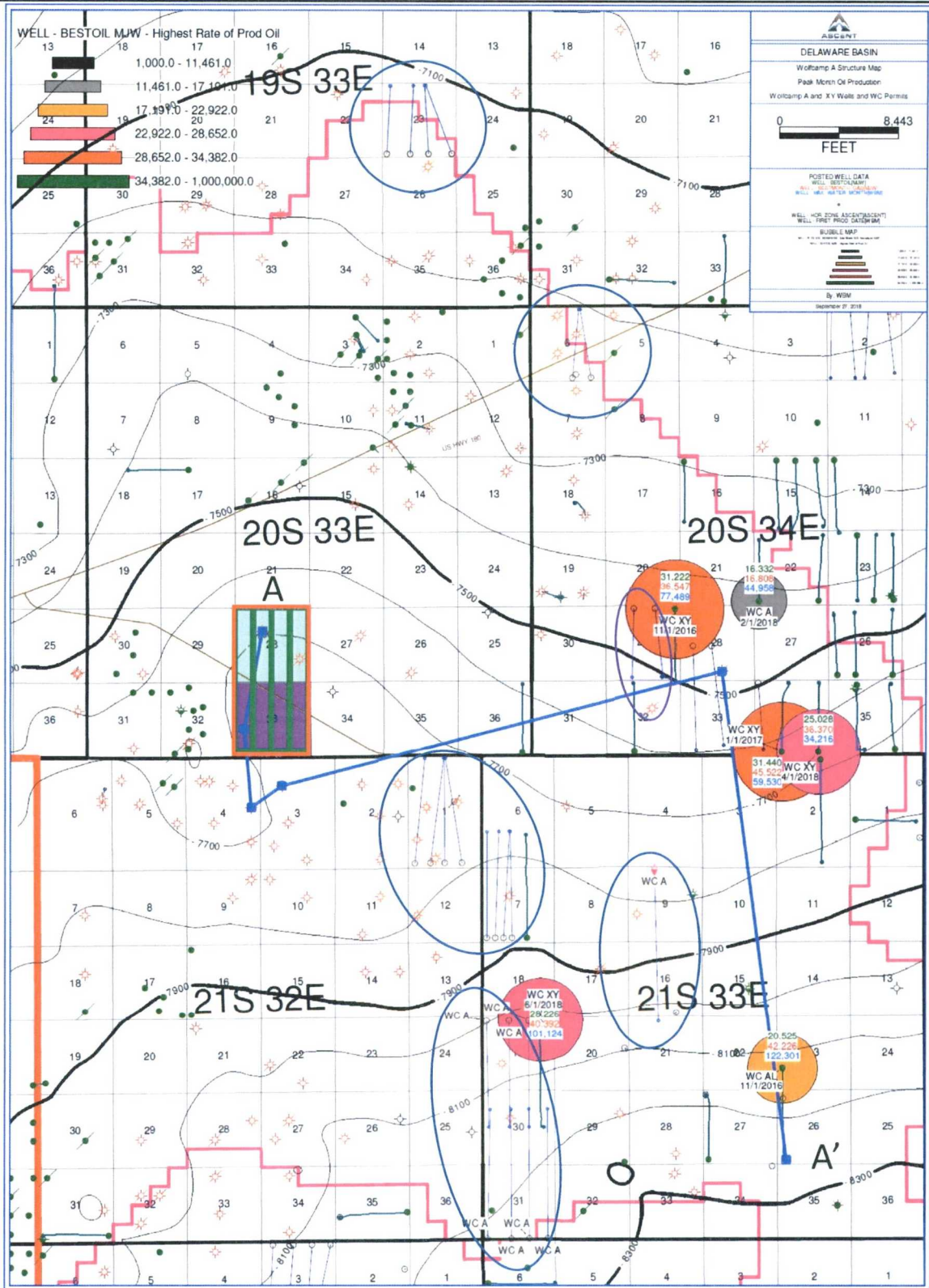


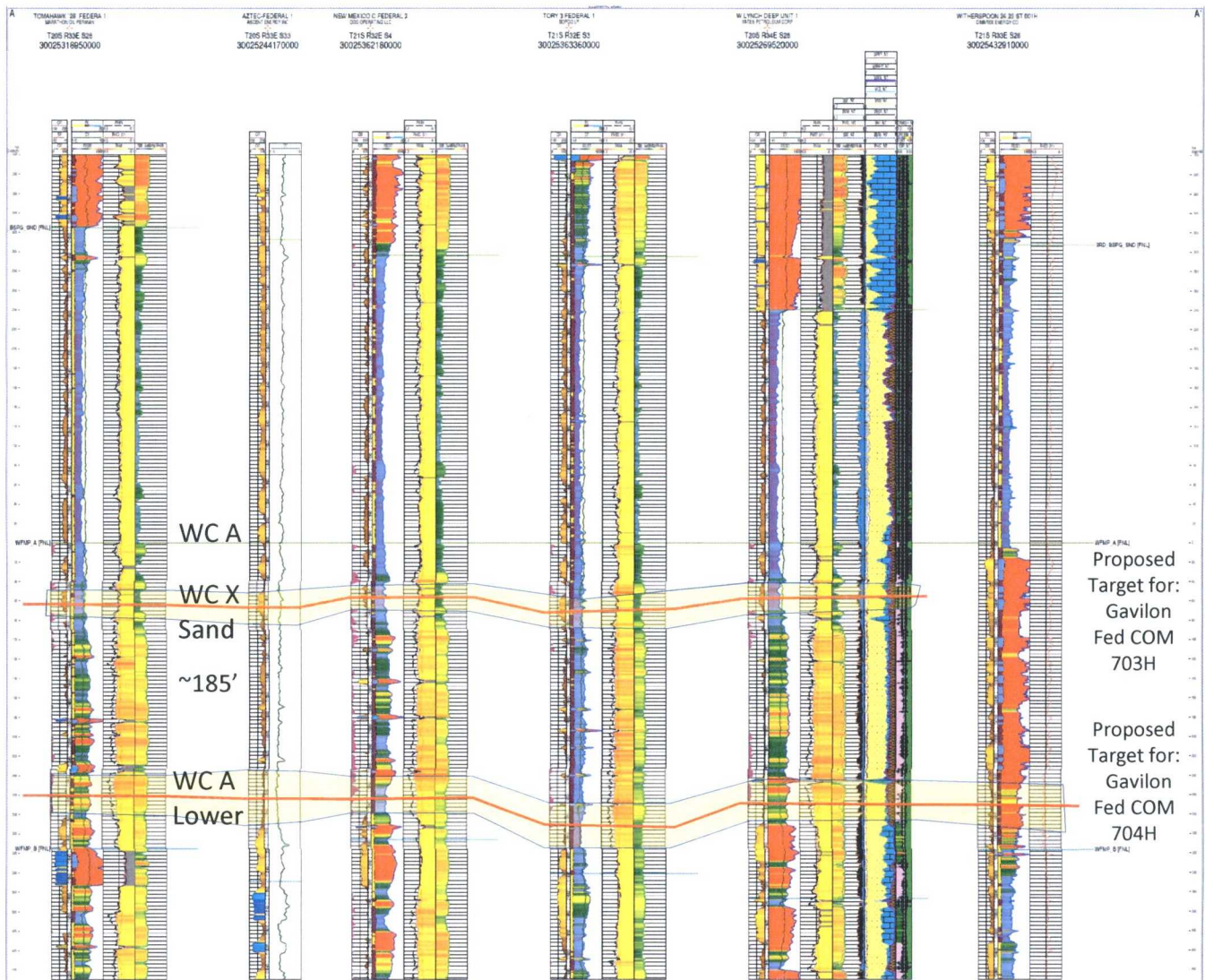
Wolfcamp

- W2 W2
- Gavilon Fed Com 703H
- Gavilon Fed Com 704H

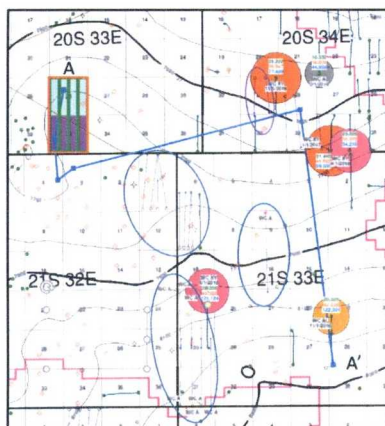
ATTACHMENT







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



Ascent Energy, LLC	
Case No.	Exhibit
Cross Section across Wolfcamp A	
Sept 26, 2018	

[illegible]

Ascent Energy, LLC		
Case No.	Exhibit	
Wolfcamp XY Sand & Wolfcamp A Shale Production Data Table		
Sept 26, 2018		



Case No.

Exhibit

Wolfcamp XY Sand & Wolfcamp A Shale Production Data Table

Sept 26, 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 703H
⁷ OGRID No. 325830		⁸ Operator Name ASCENT ENERGY			⁹ Elevation 3,660'

¹⁰ Surface Location

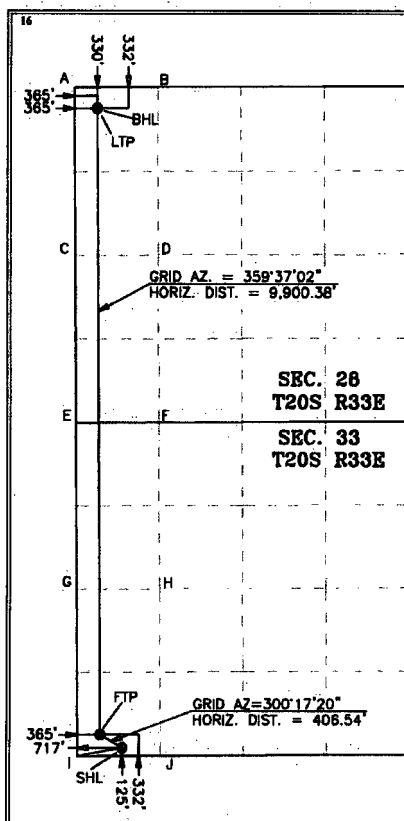
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	33	20 S	33 E		125	SOUTH	717	WEST	LEA

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		330	NORTH	365	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= 554,453.3
X= 703,222.4
LAT.= 32.522573°N
LONG.= 103.674005°W

FIRST TAKE POINT
NAD 27 NME
Y= 554,453.3
X= 703,222.4
LAT.= 32.522573°N
LONG.= 103.674005°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= 703,798.5 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

BOTTOM HOLE LOCATION

NAD 27 NME
Y= 564,556.2
X= 702,803.2
LAT.= 32.550356°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 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



AW

2018010117

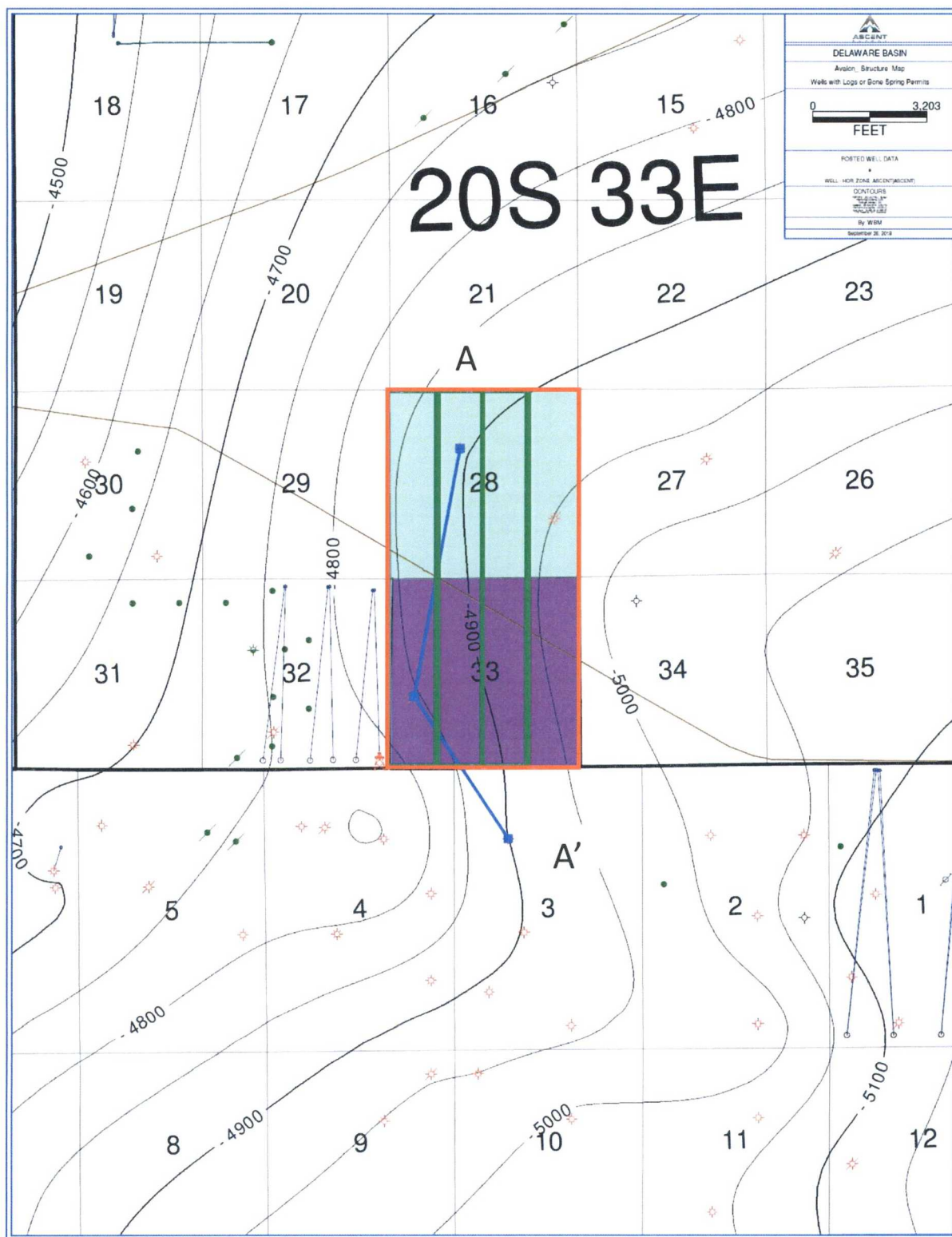
Ascent Energy, LLC	
Case No.	Exhibit
GAVILON FED COM 703H C-102 Well Plat	
Sept 10, 2018	

Avalon

- W2 W2
- Gavilon Fed Com 201H

ATTACHMENT

B



Proposed Pooling Unit



Gavilon BLM Approved Potash Development Area

Ascent Energy, LLC

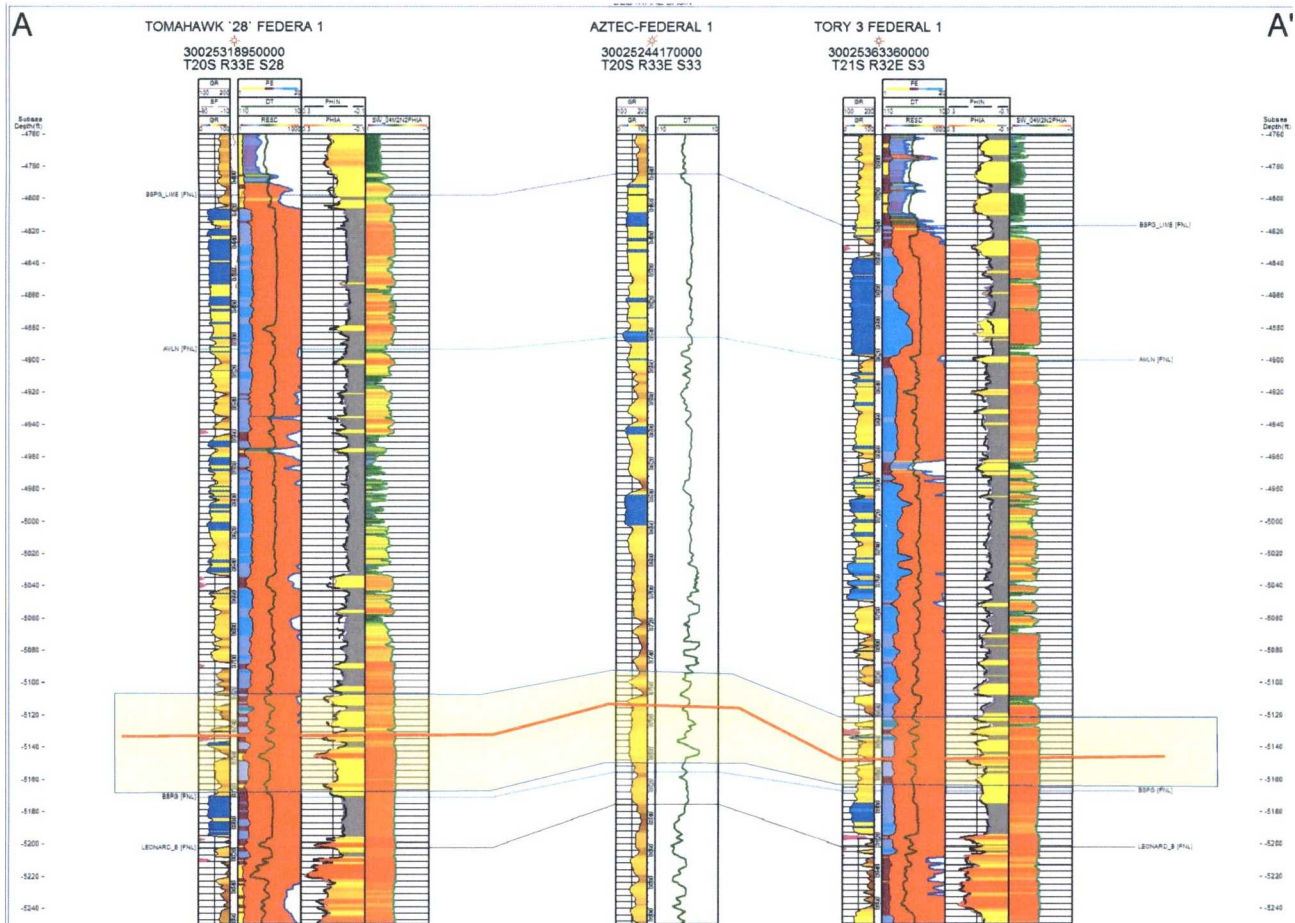


Case No. **Exhibit**

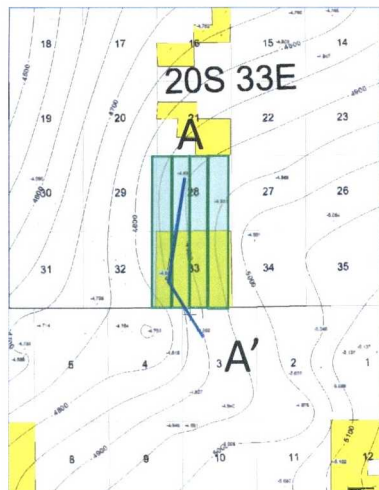
Avalon Structure &
Existing Wells with Logs, and Bone Spring Permits

CI = 50'

Sept 10, 2018



Proposed Target for:
Gavilon Fed Com 201H



Ascent Energy, LLC



Case No.

Exhibit

Cross Section across Avalon

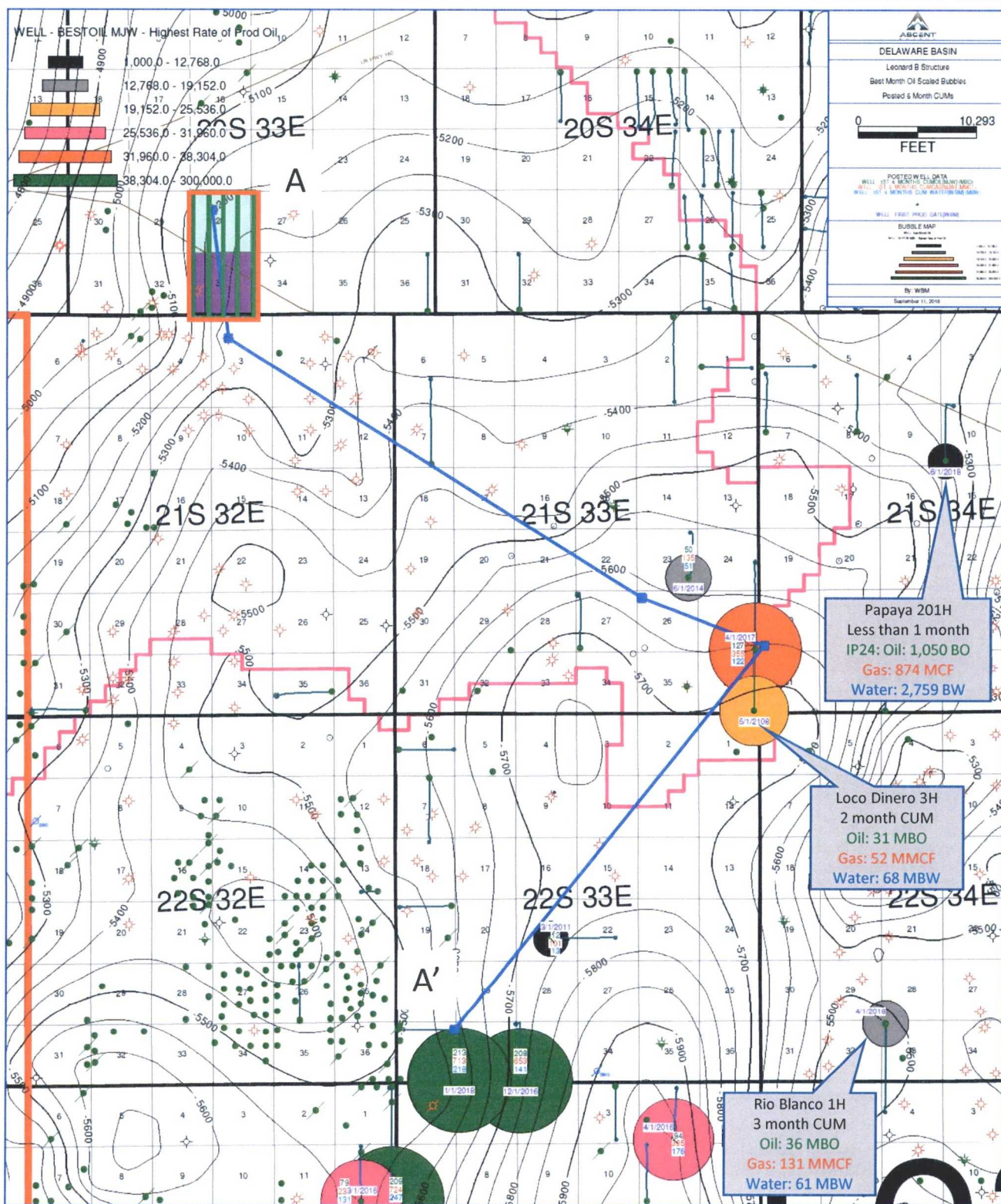
Sept 10, 2018

Leonard B

- W2 W2
- Gavilon Fed Com 303H
- Gavilon Fed Com 304H

ATTACHMENT

C



Proposed Pooling Unit

Gavilon BLM Approved Potash Development Area

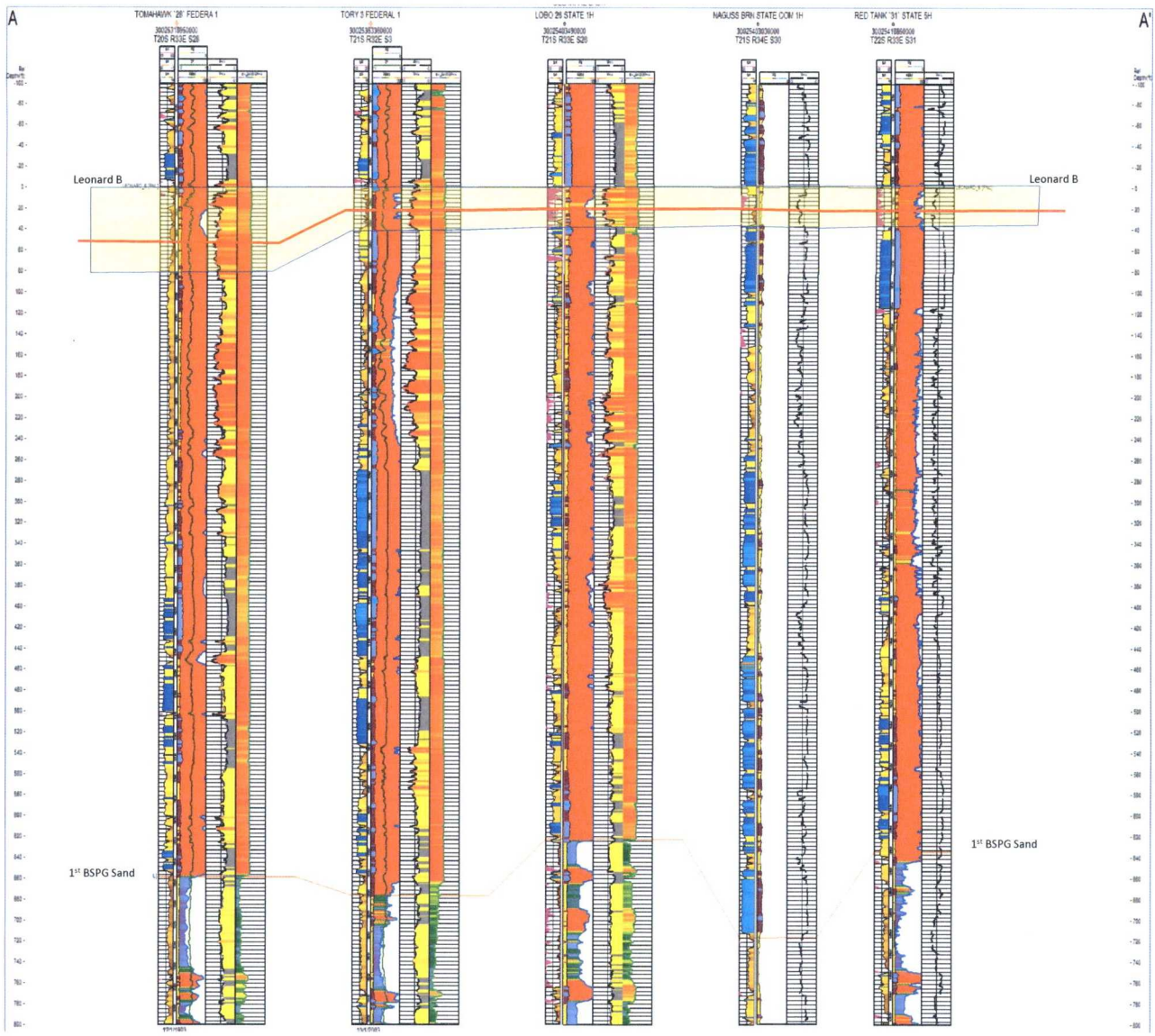
Ascent Energy, LLC

Case No. **Exhibit**

Leonard B Structure &
Producing Leonard B Wells

CI = 50'

Sept 10, 2018



Proposed Target for:
Gavilon Fed Com 303H &
Gavilon Fed Com 304H

Ascent Energy, LLC	
Case No.	Exhibit
Cross Section across Leonard B	
Sept 10, 2018	

Offset Leonard Shale Production Table

UWI (APINum)	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
30025333410100	EOG Y RESOURCES INC	BARGAIN BQA FEDERAL 1H	22S	33E	22	8/18/2010	3/18/2011	11510	101050	12738	59258	731558	18641	E/W	LEO B
30025416090100	CIMAREX ENERGY COMPANY	WITHERSPOON 23 STATE 4H	21S	33E	23	3/10/2014	6/8/2014	50209	134808	51159	98990	750185	62438	N/S	LEO B
30025421700100	COG OPERATING LIMITED LIABILITY CORP	RESOLVER FEDERAL COM 2H	23S	32E	12	11/14/2015	4/13/2016	78539	235974	130764	168680	747332	213772	N/S	LEO B
30025425330000	DEVON ENERGY PRODUCTION COMPANY L P	THISTLE NORTH 2 STAT 1H	23S	33E	2	11/15/2015	5/5/2016	94462	385097	176052	174590	1076902	252098	N/S	LEO B
30025430040000	EOG RESOURCES INCORPORATED	LEGHORN 32 STATE 201H	22S	33E	32	8/30/2016	12/30/2016	207591	652529	140923	316904	1483262	154579	N/S	LEO B
30025432440000	DEVON ENERGY PRODUCTION COMPANY L P	RIO BLANCO '4-33' FE 001H	23S	34E	4	12/19/2017	4/21/2018				8979	31246	35177	N/S	LEO B
30025435000100	EOG RESOURCES INCORPORATED	PERSIMMON 24 STATE C 201H	21S	33E	24	2/28/2017	4/27/2017	127279	355179	121565	178738	762414	135850	N/S	LEO B
30025437360000	CIMAREX ENERGY COMPANY	CORIANDER AOC 1-12 S 001H	23S	32E	1	8/1/2017	1/21/2018	208768	724492	246904	208768	724492	246904	N/S	LEO C
30025439230000	EOG RESOURCES INCORPORATED	FOGHORN 32 STATE COM 209H	22S	33E	32	8/28/2017	1/20/2018	213425	712556	218266	230921	842361	225697	N/S	LEO B
30025440320000	EOG RESOURCES INC	PAPAYA 10 STATE 201H	21S	34E	10	4/21/2018	6/16/2018	Less than 1 month	Less than 1 month	Less than 1 month	5026	2272	8442	N/S	LEO B
30025442110000	MARSHALL & WINSTON INCORPORATED	LOCO DINERO 36 STATE 003H	21S	33E	36	2/17/2018	4/17/2018	2 months production	2 months production	2 months production	30738	52111	68422	N/S	LEO B

Ascent Energy, LLC



Case No.

Exhibit

Leonard Production Data Table

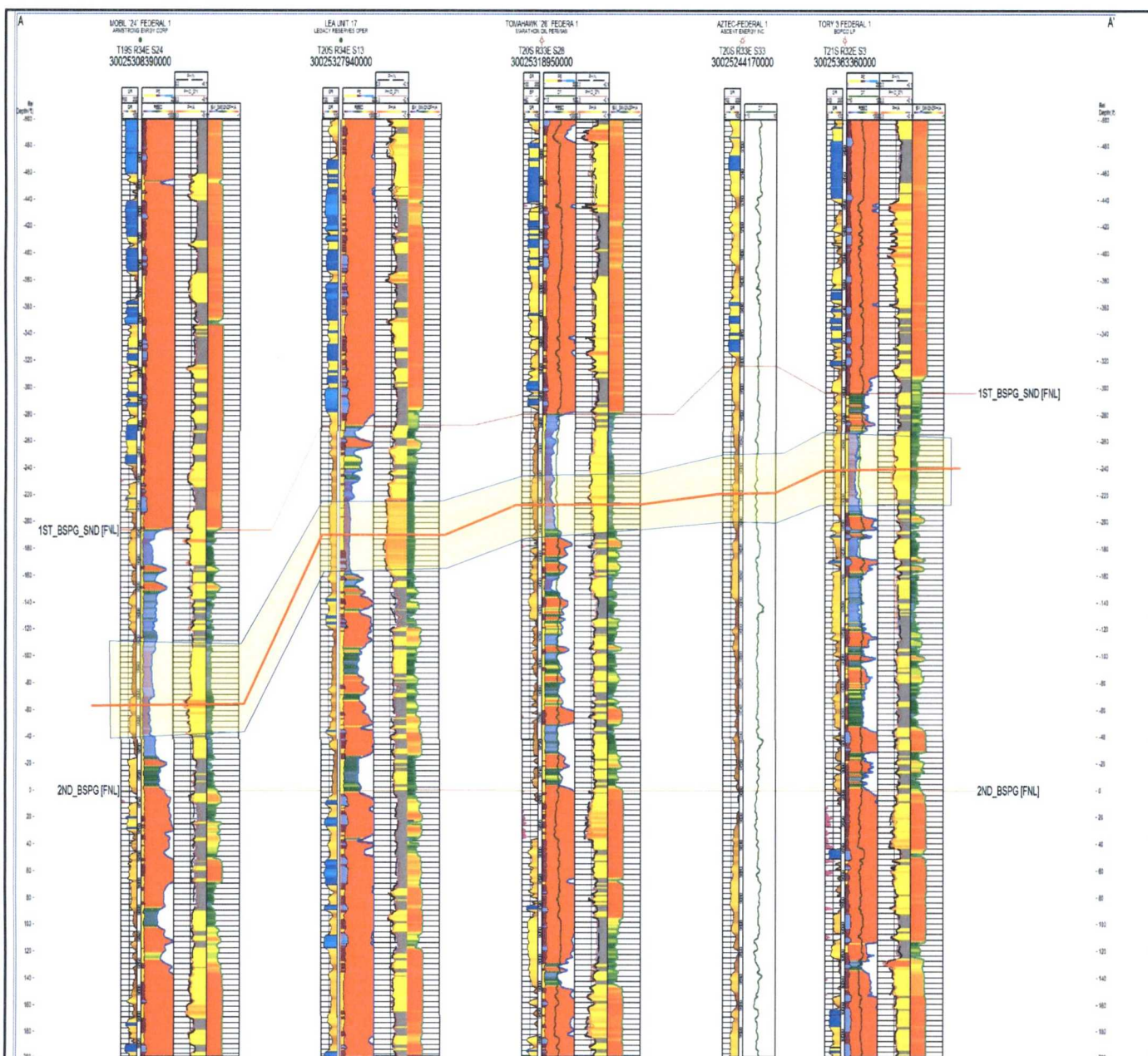
Sept 26, 2018

1st Bone Spring Sand

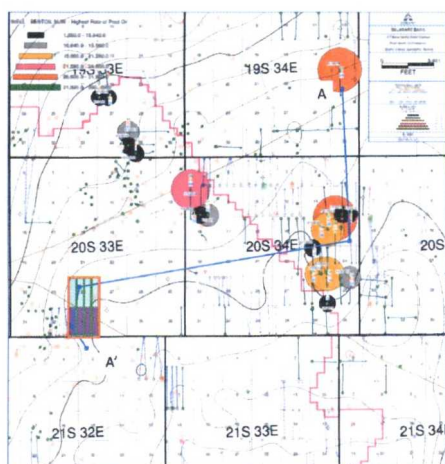
- W2 W2
- Gavilon Fed Com 401H

ATTACHMENT

D



Proposed Target for:
Gavilon Fed Com 401H



Ascent Energy, LLC	
Case No.	Exhibit
Cross Section across 1st Bone Spring Sand	
Sept 10, 2018	

Offset 1st Bone Spring Sand Production Table

UWI (APINum)	Operator	Well Label	Township	Range	Section	SPUD_DATE	COMP_DATE	IP_OIL	IP_GAS	IP_WTR	PEAK MONTH OIL (BO)	PEAK MONTH GAS (MCF)	MONTH WATER (BW)	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
30025399460000	MARSHALL & WINSTON INCORPORATED	LAGUNA DEEP UNIT FED 1H	19S	33E	35	11/7/2010	4/15/2011	10		515	5,347	11,026	NR	17,375	41,074	NR	115,901	233,739	1	E/W	1ST BSPG S
30025403180100	DEVON ENERGY PRODUCTION COMPANY L P	MALACHITE '22' FEDER 1H	19S	33E	22	1/26/2012	4/6/2012	259	194	1,706	6,991	5,526	7,924	26,171	28,191	25,054	78,222	134,638	186,686	N/S	1ST BSPG S
30025407260000	CIMAREX ENERGY COMPANY	LYNCH '23' FEDERAL C 4	20S	34E	23	11/4/2012	2/5/2013	567	794	527	20,964	24,836	49,568	94,280	125,938	206,705	240,853	567,473	498,881	N/S	1ST BSPG S
30025408520000	MARSHALL & WINSTON INCORPORATED	KLEIN 16 STATE 2H	19S	35E	16	12/4/2012	2/17/2013	118	105	412	3,243	5,777	4,118	10,489	8,061	9,825	29,777	51,711	50,020	E/W	1ST BSPG S
30025408120000	CIMAREX ENERGY CO OF COLORADO	LAGUNA DEEP UNIT 21	19S	33E	36	11/16/2012	2/17/2013	656	625	666	13,951	23,837	14,820	54,638	84,983	44,210	162,079	689,791	136,947	E/W	1ST BSPG S
30025411950000	CIMAREX ENERGY COMPANY	LYNCH 23 FEDERAL COM GH	20S	34E	23	7/14/2013	9/27/2013	544	918	712	15,993	15,098	17,561	56,088	47,969	64,680	146,496	355,757	191,281	N/S	1ST BSPG S
30025409430000	MARSHALL & WINSTON INCORPORATED	LAGUNA DEEP UNIT 35 2H	19S	33E	35	8/18/2013	11/18/2013	131	288	190	5,936	7,514	1,457	16,875	33,265	6,223	34,688	86,347	31,294	E/W	1ST BSPG S
30025413590000	CIMAREX ENERGY COMPANY	HANSON 26 FEDERAL CO 5H	20S	34E	26	11/2/2013	1/24/2014	280	167	299	6,343	6,757	13,654	29,031	20,157	39,924	102,858	206,980	219,506	N/S	1ST BSPG S
30025419460000	CHISHOLM ENERGY OPERATING LLC	LAGUNA 23 FEDERAL CO 3H	20S	34E	23	9/18/2014	12/13/2014	314	384	765	8,821	10,585	16,747	31,392	38,154	64,586	96,864	210,245	331,698	N/S	1ST BSPG S
30025403890000	DEVON ENERGY PRODUCTION COMPANY L P	MALACHITE '22' FEDER 2H	19S	33E	22	11/20/2014	3/5/2015	158	161	1,379	4,970	10,599	37,524	24,203	38,390	140,345	49,356	114,909	299,733	N/S	1ST BSPG S
30025424680000	COG OPERATING LIMITED LIABILITY CORP	CUATRO MUOS PEE BH	19S	35E	17	4/2/2015	5/29/2015	388	259	1,489	13,635	11,219	24,085	58,560	27,083	86,671	116,007	105,778	329,691	N/S	1ST BSPG S
30025431460000	LEGACY RESERVES OPERATING LP	LEA UNIT 04BH	20S	34E	1	10/15/2016	2/4/2017	480	465	296	8,475	36,715	7,139	29,715	83,725	34,720	64,128	151,484	71,103	N/S	1ST BSPG S
30025429860000	LEGACY RESERVES OPERATING LP	LEA UNIT 39H	20S	34E	24	8/14/2016	2/28/2017	1,156	1,307	964	30,810	49,170	34,622	149,161	214,388	147,687	308,363	775,971	426,572	N/S	1ST BSPG S
30025430360000	CHISHOLM ENERGY OPERATING LLC	LEA SOUTH 25 FEDERAL 011H	20S	34E	25	9/14/2017	12/6/2017	589	674	1,513	12,618	14,226	30,688	37,195	36,605	87,171	47,233	45,180	107,141	N/S	1ST BSPG S
30025432520000	LEGACY RESERVES OPERATING LP	HAMON A FEDERAL COM 011H	20S	34E	18	8/15/2017	2/17/2018	901	420	2,205	23,655	24,459	64,145	81,705	73,467	181,082	81,705	73,467	181,082	N/S	1ST BSPG S
30025432480000	LEGACY RESERVES OPERATING LP	HAMON A FED COM 007H	20S	34E	6	8/5/2017	2/20/2018	541	233	1,693	10,681	17,187	50,699	8,486	18,751	34,762	8,486	18,751	34,762	N/S	1ST BSPG S
30025432300100	LEGACY RESERVES OPERATING LP	HAMON A FED COM 005H	20S	34E	6	7/1/2017	2/27/2018	377	248	1,621	8,740	14,880	53,401	35,288	57,246	234,081	35,288	57,246	234,081	N/S	1ST BSPG S
30025438110000	XTO ENERGY INCORPORATED	PERLA NEGRA FEDERAL 006H	19S	34E	24	10/23/2017	3/8/2018	927	900	1,270	29,719	1,108	27,515	4+ Months: 116,475	4+ Months: 9,975	4+ Months: 54,831	116,475	9,975	54,831	N/S	1ST BSPG S
30025440270000	LEGACY RESERVES OPERATING LP	LEA UNIT 05BH	20S	34E	11	12/21/2017	4/2/2018	1,051	1,026	2,103	18,713	25,248	37,808	3+ Months: 62,858	3+ Months: 67,546	3+ Months: 132,449	62,858	67,546	132,449	N/S	1ST BSPG S
30025444110000	LEGACY RESERVES OPERATING LP	LEA UNIT 05QH	20S	34E	1	3/2/2018	4/21/2018	510	200	316	2,218	2,184	3,893	>1 Month: 2,218	>1 Month: 2,184	>1 Month: 3,893	2,218	2,184	3,893	N/S	1ST BSPG S

Ascent Energy, LLC



Case No.

Exhibit

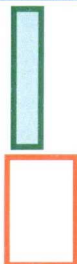
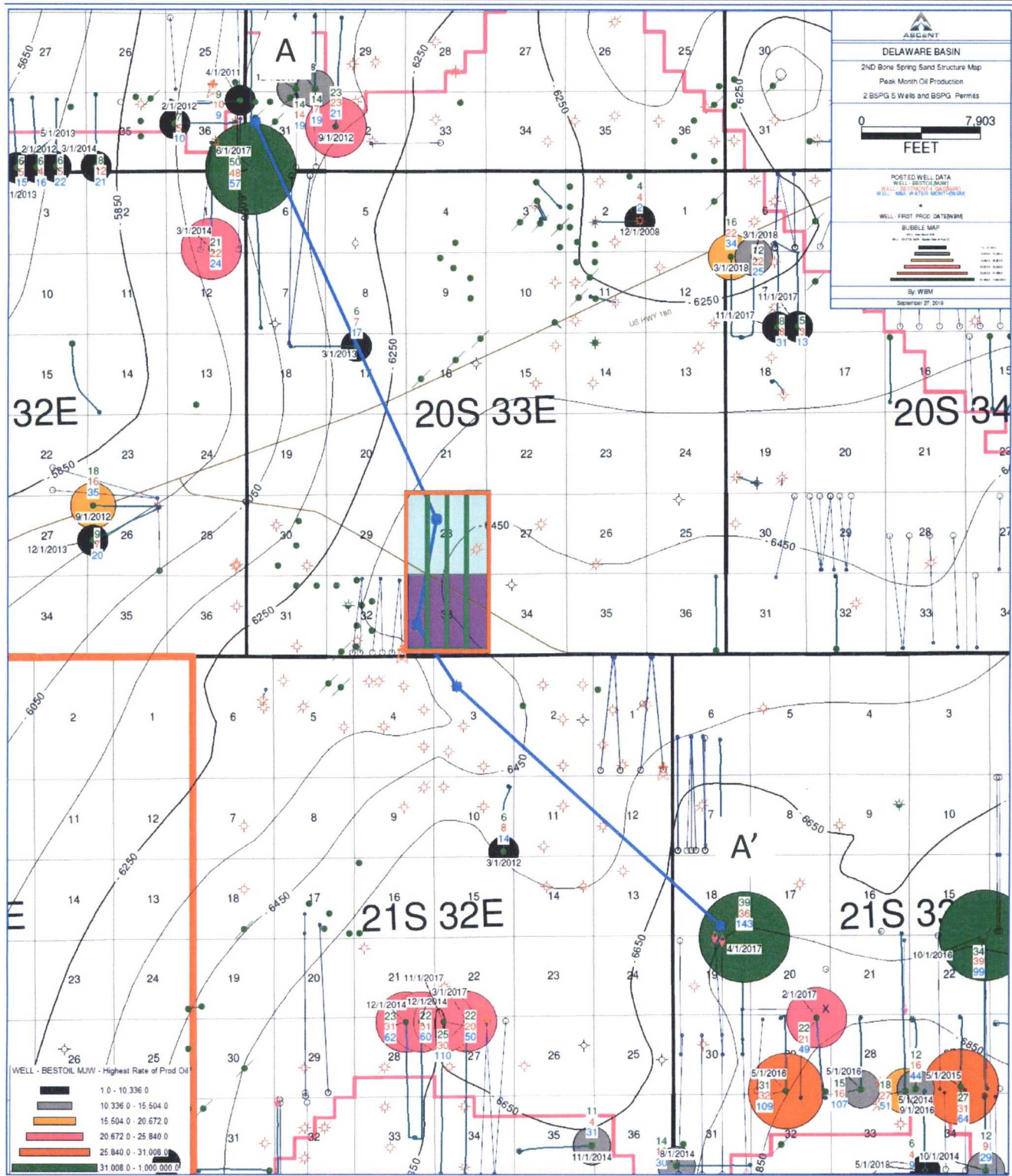
1st Bone Spring Sand Production Data
Table

Sept 26, 2018

2nd Bone Spring Sand

- W2 W2
- Gavilon Fed Com 503H
- Gavilon Fed Com 504H

ATTACHMENT E



Proposed Pooling Unit

Gavilon BLM Approved Potash Development Area

Ascent Energy, LLC

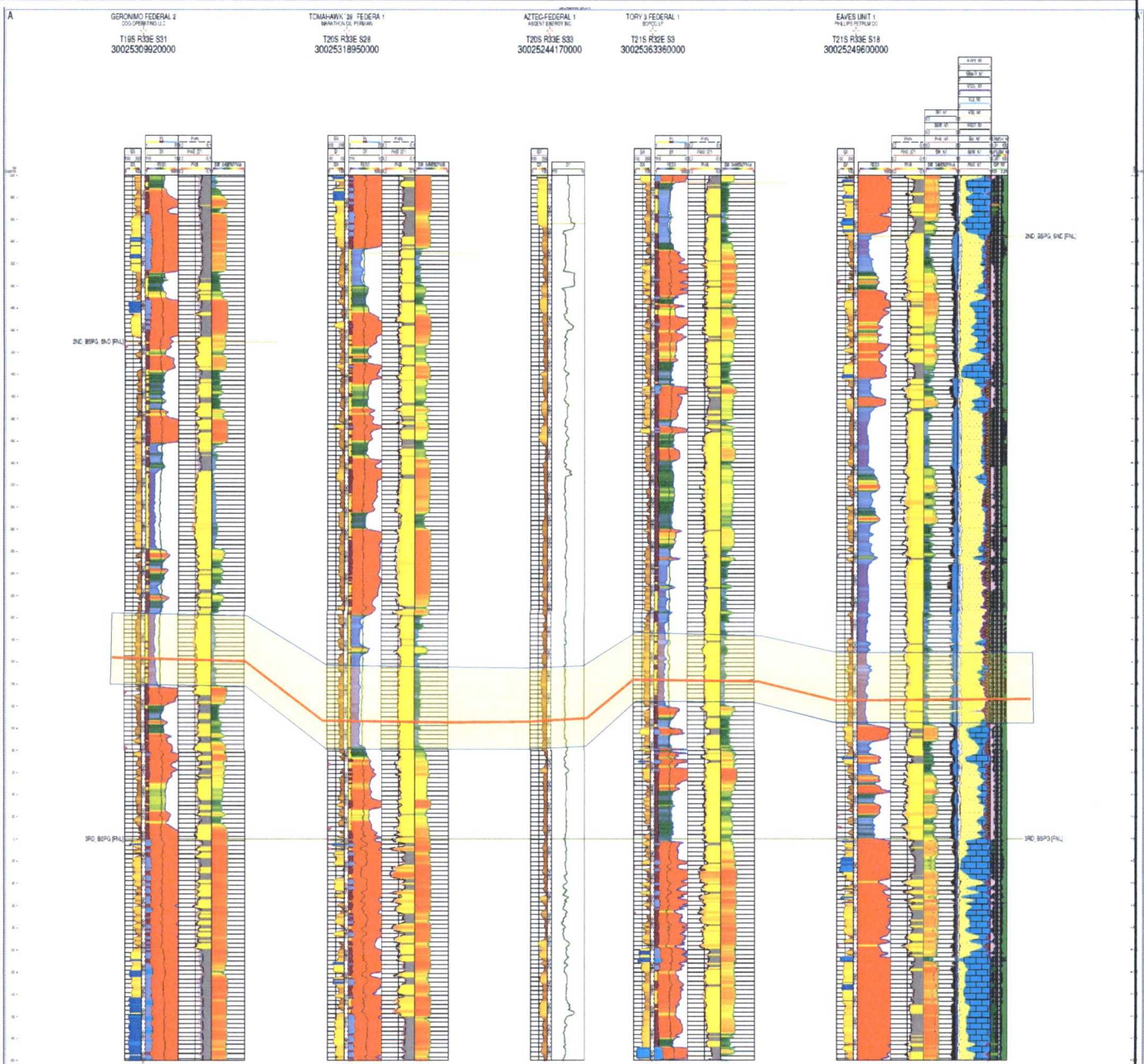


Case No. **Exhibit**

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

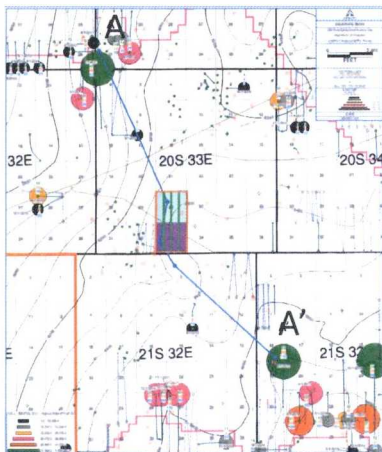
CI = 100'

Sept 10, 2018



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

Proposed Target for:
Gavilon Fed Com 503H &
Gavilon Fed Com 504H



Ascent Energy, LLC	
Case No.	Exhibit
Cross Section across 2 nd Bone Spring Sand	
Sept 10, 2018	

Offset 2nd Bone Spring Sand Production Table

UWI (APINum)	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	HOR_ZONE
30025313180100	BTA OIL PRODUCERS LLC	GEM 8705 JV-P 6	20S	33E	2	8/26/2008	1/12/2009	17,440	14,881	6,389	73,470	134,144	62,974	E/W	2ND BSPG S
30025398870100	CIMAREX ENERGY CO OF COLORADO	STATE HH COM 3H	19S	32E	36	2/23/2011	5/10/2011	30,557	30,031	26,879	103,486	153,646	105,502	E/W	2ND BSPG S
30025401420000	MEWBOURNE OIL COMPANY	OCELOT 34 FEDERAL CO 1H	19S	32E	34	11/19/2011	2/22/2012	28,429	27,565	93,198	98,081	173,319	385,265	N/S	2ND BSPG S
30025274170100	CIMAREX ENERGY CO OF COLORADO	STATE 'HH' 1	19S	32E	36	11/6/2011	3/4/2012	23,796	20,809	23,671	82,931	99,136	73,646	E/W	2ND BSPG S
30025402550000	CIMAREX ENERGY CO OF COLORADO	LUSK SOUTHEAST '33' 2H	19S	32E	33	1/7/2012	3/7/2012	64,146	141,622	163,379	176,332	521,029	450,531	N/S	2ND BSPG S
30025403650000	CIMAREX ENERGY CO OF COLORADO	HAT MESA '10' FEDERA 2H	21S	32E	10	1/8/2012	4/22/2012	18,348	25,134	39,144	62,551	85,016	133,996	N/S	2ND BSPG S
30025404370000	CIMAREX ENERGY CO OF COLORADO	MADURO UNIT 9	19S	33E	29	7/2/2012	10/2/2012	93,649	95,561	91,482	260,095	471,421	313,063	N/S	2ND BSPG S
30025404470000	CIMAREX ENERGY CO OF COLORADO	SNODDY FEDERAL 20H	20S	32E	26	7/18/2012	10/19/2012	48,454	66,479	110,110	144,442	265,672	295,056	E/W	2ND BSPG S
30025406800000	FASKEN OIL AND RANCH LTD	LAGUNA 16 STATE 2H	20S	32E	16	7/28/2012	4/3/2013	32,956	38,080	140,632	119,736	227,030	522,369	N/S	2ND BSPG S
30025408280000	MARATHON OIL PERMIAN LLC	GREEN FROG CAFE FEDE 1H	20S	33E	18	12/1/2012	4/17/2013	20,780	26,298	73,199	65,287	100,513	193,738	E/W	2ND BSPG S
30025407970000	APACHE CORPORATION	LUSK '34' FEDERAL 001H	19S	32E	34	12/7/2012	4/22/2013	17,849	10,722	44,418	96,997	186,567	253,124	N/S	2ND BSPG S
30025406930100	APACHE CORPORATION	LUSK 34 FEDERAL 2H	19S	32E	34	9/25/2012	5/1/2013	20,271	10,922	48,900	117,568	156,159	291,619	N/S	2ND BSPG S
30025408370000	CIMAREX ENERGY CO OF COLORADO	SNODDY FEDERAL 23H	20S	32E	26	10/17/2013	1/11/2014	25,408	28,561	56,792	62,164	91,282	114,523	E/W	2ND BSPG S
30025410890000	OCCIDENTAL PERMIAN LIMITED	LUSK SOUTH '28' FEDE 1H	19S	32E	28	11/24/2013	1/28/2014	34,202	23,117	18,326	181,987	492,572	115,356	N/S	2ND BSPG S
30025411770000	ADVANCE ENERGY PARTNERS HAT MESA LLC	COOP 6 STATE 1H	22S	33E	6	9/3/2013	2/28/2014	59,872	64,820	119,877	159,871	266,481	330,332	E/W	2ND BSPG S
30025409900000	EOG Y RESOURCES INC	LUSK 'AHB' FEDERAL 10H	19S	32E	35	10/29/2013	3/10/2014	36,966	22,124	61,277	123,565	195,033	201,237	N/S	2ND BSPG S
30025408270000	MARATHON OIL PERMIAN LLC	GAY NINETIES FEDERAL 1H	19S	32E	36	12/21/2013	4/13/2014	74,503	99,860	104,736	172,252	267,498	270,514	N/S	2ND BSPG S
30025403520100	COG OPERATING LIMITED LIABILITY CORP	PYGMY '27' STATE COM 1H	21S	33E	27	3/9/2014	5/18/2014	54,896	62,627	210,180	179,611	235,687	715,115	N/S	2ND BSPG S
30025411780000	ADVANCE ENERGY PARTNERS HAT MESA LLC	DAGGER STATE UNIT 2H	21S	33E	31	1/7/2014	8/16/2014	47,357	57,382	126,229	106,970	175,210	285,828	E/W	2ND BSPG S
30025413640100	MARATHON OIL PERMIAN LLC	BATTLE 1H	21S	33E	34	8/1/2014	10/30/2014	48,466	32,345	95,900	144,906	107,624	243,662	N/S	2ND BSPG S
30025417800100	OKY USA WTP LP	ANDERSON '35' 3H	21S	32E	35	7/24/2014	11/23/2014	32,596	14,668	111,309	65,824	43,255	244,591	E/W	2ND BSPG S
30025418070000	DEVON ENERGY PRODUCTION COMPANY L P	BILBREY '33' FEDERAL 4H	21S	32E	33	6/23/2014	12/2/2014	99,512	94,084	248,424	289,269	557,319	915,083	N/S	2ND BSPG S
30025418060000	DEVON ENERGY PRODUCTION COMPANY L P	BILBREY '33' FEDERAL 3H	21S	32E	33	7/26/2014	12/16/2014	106,010	106,633	264,453	258,078	486,346	790,263	N/S	2ND BSPG S
30025420680000	COG OPERATING LIMITED LIABILITY CORP	PYGMY 27 STATE 3H	21S	33E	27	2/12/2015	5/24/2015	113,388	147,787	250,430	297,690	468,427	680,173	N/S	2ND BSPG S
30025429040000	COG OPERATING LIMITED LIABILITY CORP	WARBLER STATE COM 002Y	21S	33E	28	10/31/2015	5/16/2016	73,465	84,599	294,552	159,103	242,494	572,556	N/S	2ND BSPG S
30025415180000	EOG RESOURCES INCORPORATED	FRUIT LOOP 29 STATE 501H	21S	33E	29	9/30/2015	6/21/2016	145,332	144,393	290,178	300,660	324,240	482,788	N/S	2ND BSPG S
30025433100000	COG OPERATING LIMITED LIABILITY CORP	WARBLER STATE COM 4H	21S	33E	16	7/7/2016	9/28/2016	78,690	92,074	278,749	221,850	288,509	617,454	N/S	2ND BSPG S
30025431790100	COG OPERATING LIMITED LIABILITY CORP	RASPBERRY STATE COM 1H	21S	33E	27	6/26/2016	10/7/2016	161,865	166,446	397,244	426,981	502,175	822,867	N/S	2ND BSPG S
30025422300000	MARATHON OIL PERMIAN LLC	ABE STATE 003H	21S	33E	32	10/11/2016	2/3/2017	81,899	77,020	169,015	118,656	108,036	205,255	N/S	2ND BSPG S
30025432760000	MEWBOURNE OIL COMPANY	BILBREY 34-27 B2NC F 001H	21S	32E	34	9/9/2016	3/23/2017	110,054	125,713	457,784	180,782	205,278	665,448	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	183,104	182,006	402,652	292,496	288,672	554,238	N/S	2ND BSPG S
30025424670000	MATADOR PRODUCTION COMPANY	FEDERAL 30 123H	19S	33E	30	7/8/2017	11/28/2017	3 Months: 22,195	3 Months: 21,812	3 Months: 37,530	22,195	21,812	37,530	N/S	2ND BSPG S
30025438720000	MEWBOURNE OIL COMPANY	BILBREY 34-27 B2MD F 001H	21S	32E	34	8/8/2017	11/30/2017	86,672	76,524	229,849	86,672	76,524	229,849	N/S	2ND BSPG S

Ascent Energy, LLC



Case No.

Exhibit

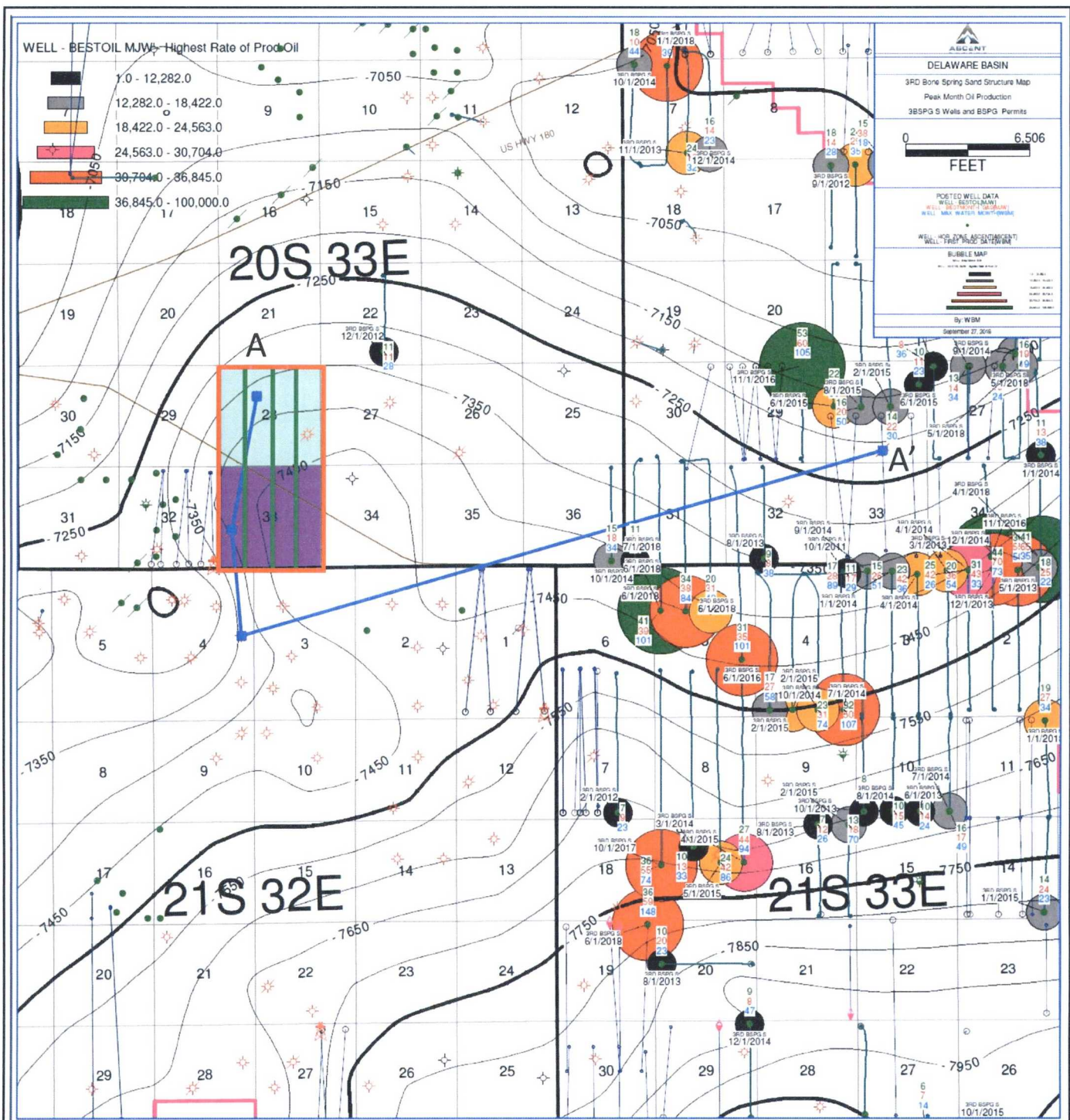
2nd Bone Spring Sand Production Data
Table

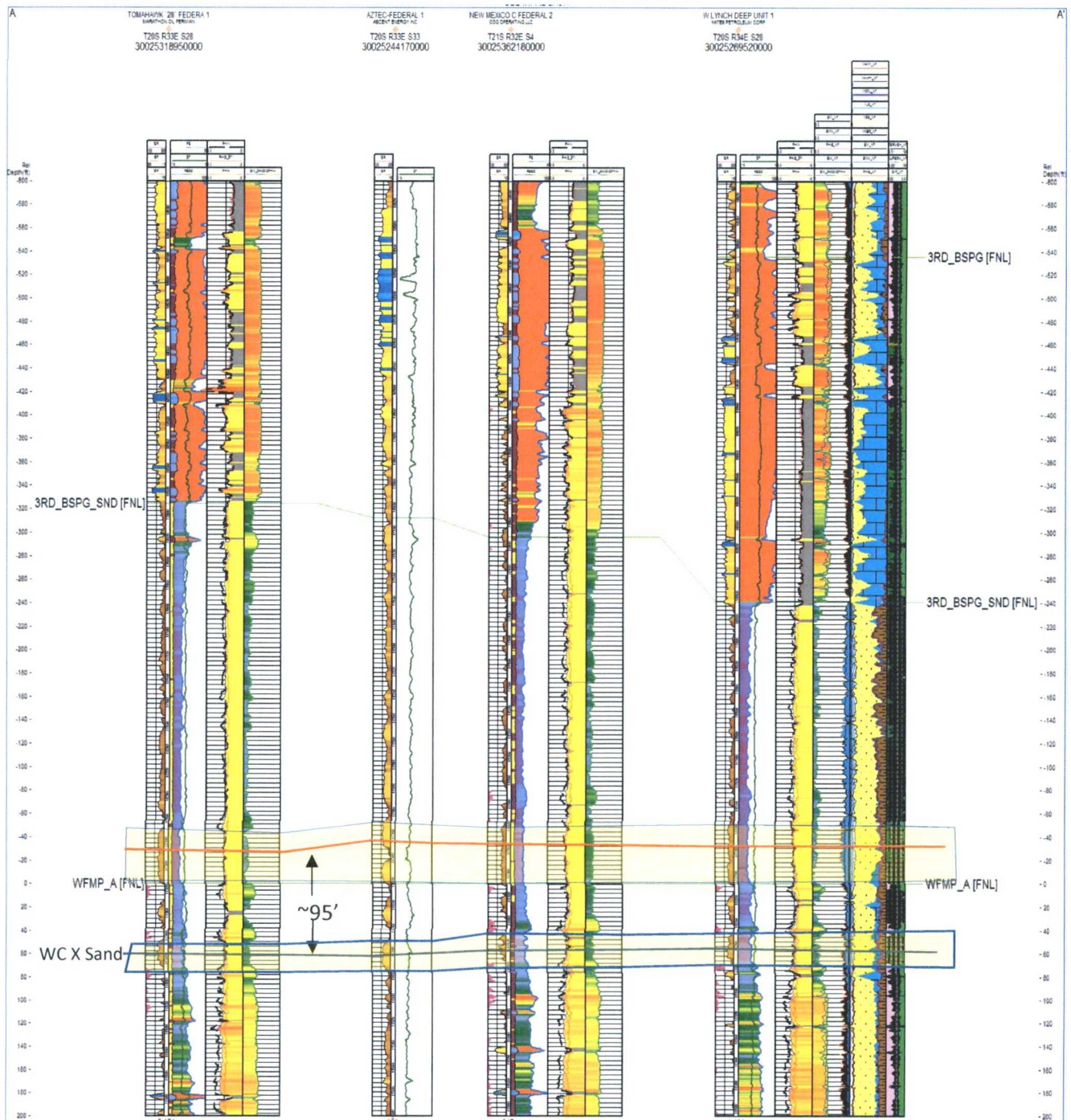
Sept 26, 2018

3rd Bone Spring Sand

- W2 W2
- Gavilon Fed Com 602H

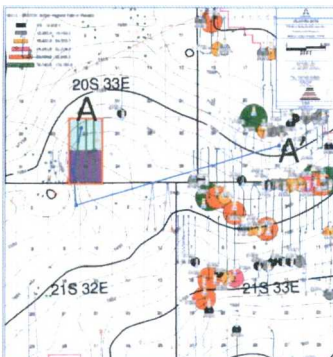
ATTACHMENT *F*





Proposed Target for:
Gavilon Fed Com 602H

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



Ascent Energy, LLC



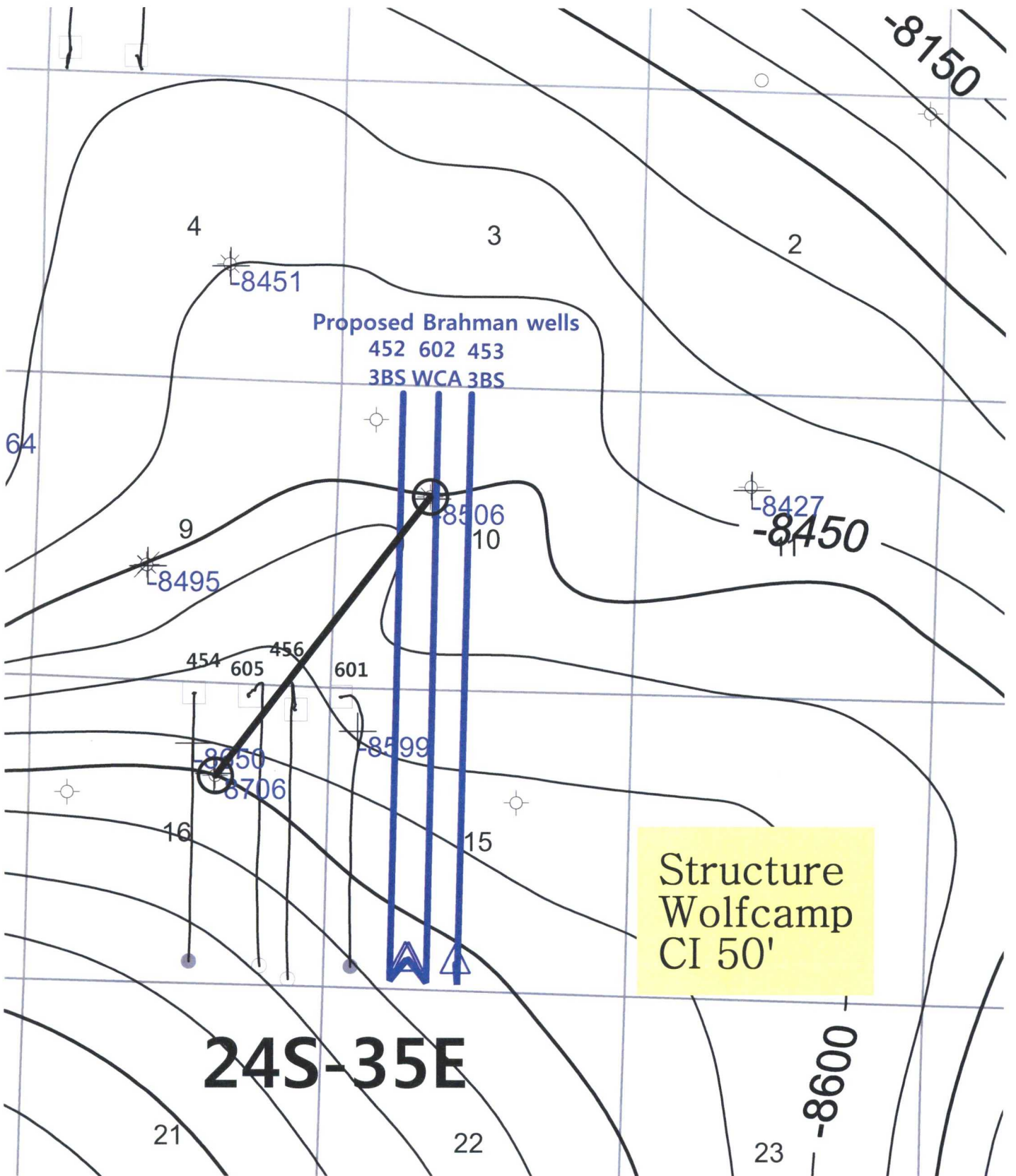
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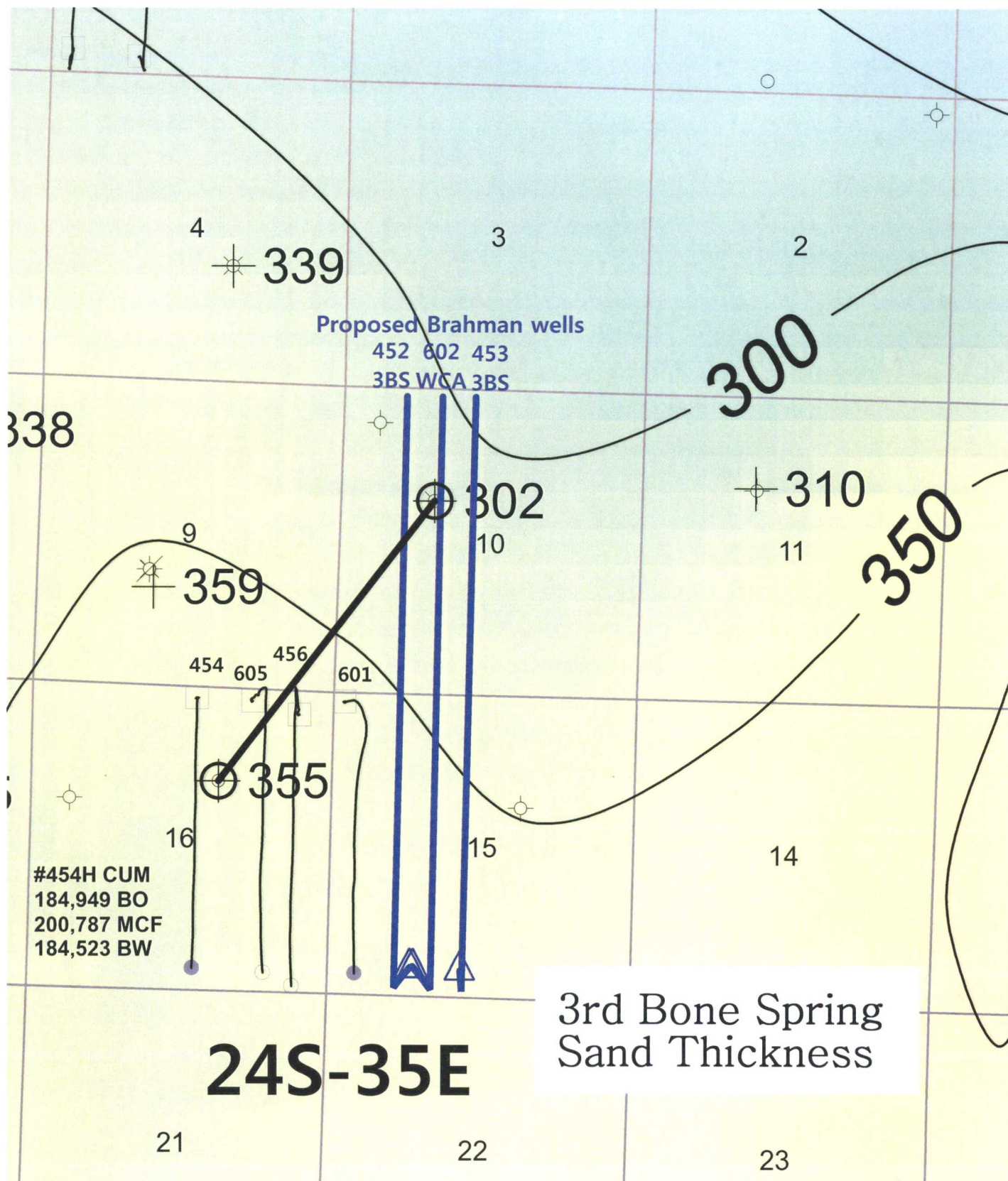
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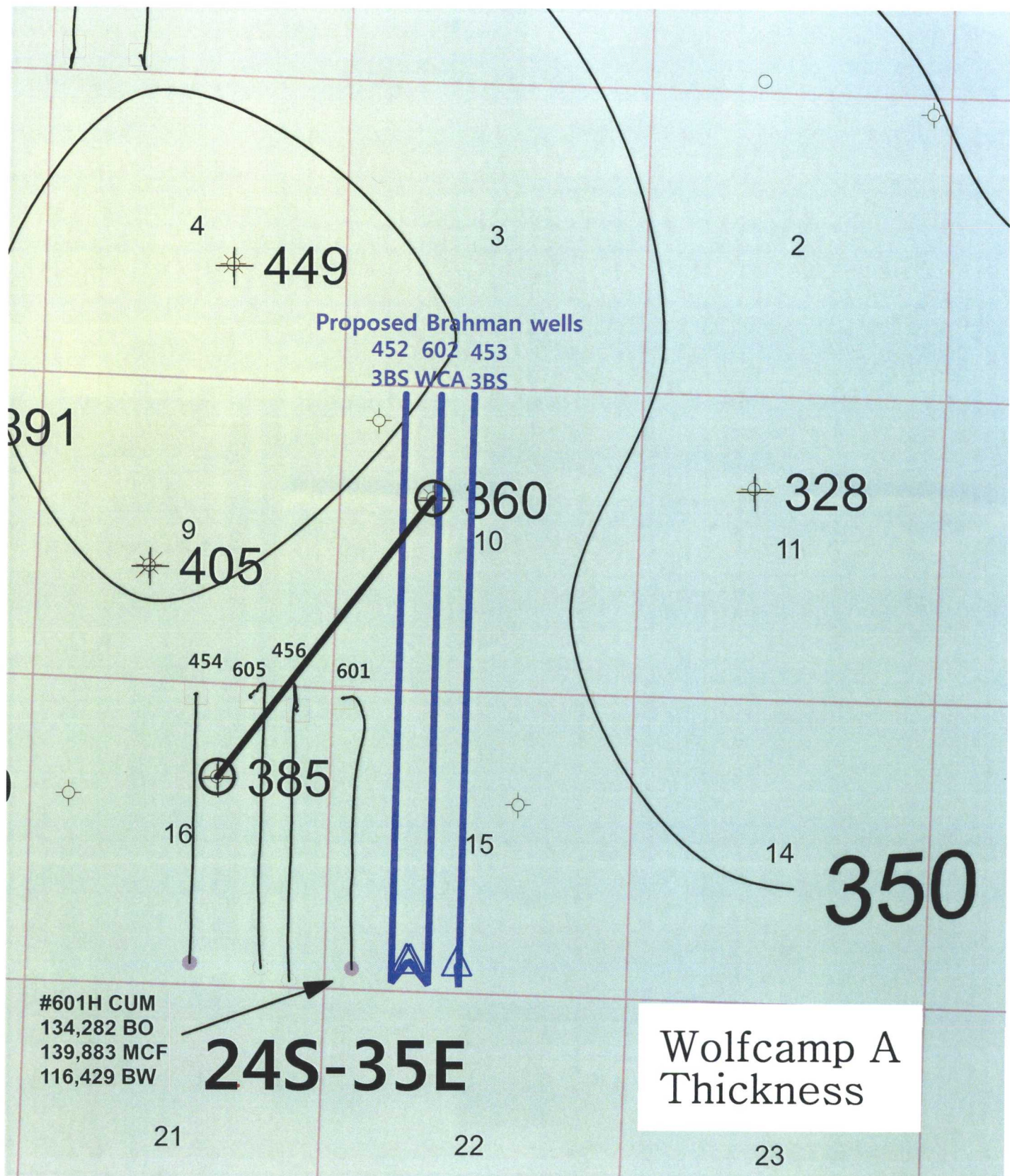
Cross Section across 3rd Bone
Spring Sand

Sept 10, 2018

Offset 3rd Bone Spring Sand Production Table																			
UWI (APINum)	Operator	Well Label	Township	Range	Section	SPUD_DATE	COMP_DATE	IP_OIL	IP_GAS	IP_WTR	PEAK MONTH OIL	PEAK MONTH GAS	PEAK MONTH WATER	1ST_6_MONTHS_CUMOIL	1ST_6_MONTHS_CUMGAS	1ST_6_MONTHS_CUMWATER	CUM OIL	CUM GAS	CUM WTR
30025401300000	COG OPERATING LIMITED LIABILITY CORP	CORAZON STATE UNIT 4H	21S	33E	4	8/11/2011	10/27/2011	539	980	1,894	11,344	16,960	28,911	46,917	64,402	112,075	178,210	255,208	439,988
30025403080000	CIMAREX ENERGY CO OF COLORADO	ADAMS STATE COM 3H	21S	33E	6	10/19/2011	3/4/2012	172	177	546	7,423	8,845	23,287	31,076	38,062	82,056	140,169	198,837	450,630
30025403610000	FASKEN OIL AND RANCH LTD	QUAIL '16' STATE COM 3H	20S	34E	16	4/19/2012	9/26/2012	712	623	1,368	17,740	13,544	27,528	71,484	61,500	107,077	237,217	284,780	310,129
30025404300000	COG OPERATING LIMITED LIABILITY CORP	TIGER '11' FEDERAL 1H	20S	34E	11	9/12/2012	1/2/2013	893	688	910	24,797	20,301	23,417	109,655	75,487	110,517	292,472	252,285	324,945
30025407250100	COG OPERATING LIMITED LIABILITY CORP	OUTLAW '22' FEDERAL 1H	20S	33E	22	9/27/2012	1/24/2013	304	302	729	10,803	10,771	28,100	47,474	36,563	119,463	178,174	158,894	426,911
30025405310000	FASKEN OIL AND RANCH LTD	QUAIL '16' STATE 4H	20S	34E	16	12/25/2012	2/25/2013	907	1,051	1,397	24,032	29,499	35,254	110,132	131,910	140,468	417,976	700,215	591,331
30025407140100	COG OPERATING LIMITED LIABILITY CORP	CORAZON STATE UNIT 1H	21S	33E	3	12/7/2012	3/23/2013	833	725	1,596	20,105	35,843	53,773	83,698	131,713	168,462	229,698	368,729	451,832
30025407940000	COG OPERATING LIMITED LIABILITY CORP	LILLY BEN 2 STATE CO 2H	21S	33E	2	2/8/2013	5/12/2013	975	750	1,195	35,990	55,186	58,582	150,317	242,902	144,234	282,214	426,683	306,746
30025409500000	COG OPERATING LIMITED LIABILITY CORP	CORAZON STATE UNIT 8H	21S	33E	10	4/6/2013	6/23/2013	481	789	1,132	9,510	13,843	23,653	38,734	38,202	73,598	123,603	135,547	212,871
30025410490100	COG OPERATING LIMITED LIABILITY CORP	BOONE 16 STATE COM 2H	21S	33E	16	6/10/2013	8/24/2013	330	674	1,467	6,694	11,536	26,451	21,378	35,545	70,393	59,161	107,245	214,530
30025411060000	COG OPERATING LIMITED LIABILITY CORP	GOOSE STATE 1H	20S	34E	32	6/5/2013	8/31/2013	407	343	1,410	9,432	8,450	37,986	33,326	114,670	163,856	204,354	583,471	
30025410800100	COG OPERATING LIMITED LIABILITY CORP	CROCKETT STATE 2H	21S	33E	20	5/19/2013	9/11/2013	580	1,095	1,265	10,150	20,413	23,064	34,258	63,410	75,027	109,524	236,908	257,801
30025409480000	COG OPERATING LIMITED LIABILITY CORP	CORAZON STATE UNIT 6H	21S	33E	10	8/21/2013	10/27/2013	272	357	1,401	8,212	10,996	25,503	23,963	24,904	68,733	92,016	116,242	230,848
30025413050100	LEGACY RESERVES OPERATING LP	HAMON A FEDERAL COM 3H	20S	34E	6	9/22/2013	11/13/2013	1,134	924	737	24,058	17,620	31,981	105,195	89,317	86,633	224,233	217,210	263,827
30025412030000	COG OPERATING LIMITED LIABILITY CORP	LILLY BEN 2 STATE CO 3H	21S	33E	2	9/20/2013	12/31/2013	1,231	1,979	1,178	31,225	43,254	33,488	118,638	176,707	129,921	331,158	570,257	377,593
30025409460000	COG OPERATING LIMITED LIABILITY CORP	CORAZON STATE UNIT 3H	21S	33E	3	11/5/2013	2/6/2014	648	1,176	2,586	15,454	25,826	51,045	59,849	92,539	149,138	159,810	224,221	359,382
30025409420000	FASKEN OIL AND RANCH LTD	QUAIL '16' STATE 7H	20S	34E	16	7/31/2013	2/6/2014	671	784	684	21,586	23,466	24,402	75,456	82,297	74,711	188,640	408,682	434,405
30025413660000	FASKEN OIL AND RANCH LTD	QUAIL '16' STATE 8H	20S	34E	16	9/3/2013	2/6/2014	646	859	822	14,727	38,461	17,755	65,501	86,043	80,584	224,994	447,849	343,391
30025403270000	CIMAREX ENERGY COMPANY	HANSON '26' FEDERAL 1H	20S	34E	26	12/7/2013	2/10/2014	552	741	344	11,171	12,977	37,866	46,018	50,917	30,380	189,518	276,970	161,503
30025415750000	MEWBOURNE OIL COMPANY	MARATHON ROAD 15 PA 1H	20S	34E	15	1/11/2014	3/20/2014	1,189	593	1,301	32,974	26,695	22,611	132,826	98,835	111,020	312,867	251,850	255,149
30025406970000	CHISHOLM ENERGY OPERATING LLC	LAGUNA 23 FEDERAL CO 2H	20S	34E	23	1/30/2014	4/1/2014	890	676	256	28,108	30,700	8,186	123,007	128,516	34,404	278,855	327,630	99,330
30025412990000	COG OPERATING LIMITED LIABILITY CORP	BECKNELL STATE COM 3H	21S	33E	5	12/31/2014	4/16/2014	354	677	1,592	9,565	13,201	33,064	40,539	58,410	133,837	117,309	346,675	
30025405450000	COG OPERATING LIMITED LIABILITY CORP	CORAZON STATE UNIT 2H	21S	33E	3	1/25/2014	4/27/2014	842	1,714	1,768	23,335	42,341	35,693	86,253	135,773	123,971	255,343	414,229	383,891
30025412040000	COG OPERATING LIMITED LIABILITY CORP	LILLY BEN 2 STATE CO 4H	21S	33E	2	10/24/2013	5/5/2014	1,057	1,590	1,852	25,317	42,353	26,377	91,858	209,505	120,114	280,562	570,762	332,992
30025409510000	COG OPERATING LIMITED LIABILITY CORP	CORAZON STATE UNIT 9H	21S	33E	10	3/31/2014	7/14/2014	590	300	2,232	16,261	16,636	48,632	60,720	85,000	179,044	167,620	313,542	447,401
30025409550000	COG OPERATING LIMITED LIABILITY CORP	CORAZON STATE UNIT 13H	21S	33E	4	3/6/2014	7/17/2014	836	1,330	4,320	31,605	49,514	107,416	94,659	134,519	362,247	316,557	521,939	1,088,443
30025409490000	COG OPERATING LIMITED LIABILITY CORP	CORAZON STATE UNIT 7H	21S	33E	10	4/24/2014	9/11/2014	469	782	3,069	10,242	14,953	44,712	42,291	72,931	138,266	146,054	275,868	446,556
30025416050000	CIMAREX ENERGY COMPANY	PERRY 22 FEDERAL COM 1H	20S	34E	22	7/21/2014	9/26/2014	559	632	557	16,717	13,986	13,580	70,200	64,398	52,049	211,402	224,194	195,634
30025409470000	COG OPERATING LIMITED LIABILITY CORP	CORAZON STATE UNIT 5H	21S	33E	3	4/8/2014	10/11/2014	449	772	3,744	17,226	28,388	88,542	65,721	105,213	273,259	343,892	839,985	1,164,866
30025416220000	EOG RESOURCES INC	TANGO BTP STATE COM 4H	20S	33E	36	5/10/2014	10/22/2014	206	302	956	15,423	17,789	34,041	50,766	58,601	118,162	237,020	360,300	578,134
30025409530000	COG OPERATING LIMITED LIABILITY CORP	CORAZON STATE UNIT 11H	21S	33E	4	6/22/2014	11/4/2014	549	737	3,748	24,513	43,292	84,720	55,426	95,006	232,180	295,960	525,451	1,050,602
30025412150000	MEWBOURNE OIL COMPANY	MARATHON ROAD 14 MD 1H	20S	34E	23	8/1/2014	11/13/2014	988	968	838	28,165	20,148	16,655	100,427	82,177	70,827	261,831	205,568	172,440
30025416300100	LEGACY RESERVES OPERATING LP	HAMON FEDERAL COM A 2H	20S	34E	18	9/5/2014	11/16/2014	1,040	698	2,744	17,507	9,912	44,203	55,769	31,297	121,448	166,745	134,939	283,309
30025418330000	COG OPERATING LIMITED LIABILITY CORP	TIGER 11 FEDERAL 2H	20S	34E	11	8/24/2014	11/20/2014	662	410	1,238	14,551	12,479	19,531	56,854	52,815	74,729	188,211	191,907	235,031
30025419450000	MEWBOURNE OIL COMPANY	MARATHON ROAD 15 B30 1H	20S	34E	15	10/5/2014	12/22/2014	615	771	678	25,769	19,238	25,998	88,645	69,677	81,370	238,231	155,374	199,670
30025416170000	LEGACY RESERVES OPERATING LP	HAMON A FEDERAL COM 4H	20S	34E	6	10/5/2014	12/27/2014	938	803	1,455	15,753	13,824	23,381	69,803	56,332	97,024	162,284	170,378	245,226
30025419150000	COG OPERATING LIMITED LIABILITY CORP	BEN LILLY 2 STATE CO 5H	21S	33E	2	10/4/2014	1/6/2015	765	840	1,284	17,884	24,834	21,910	72,486	96,195	89,041	202,678	373,923	238,629
30025419770000	EOG RESOURCES INCORPORATED	DATE BTP STATE COM 4H	21S	33E	14	8/26/2014	1/29/2015	466	933	969	14,086	24,128	22,562	52,754	88,435	78,041	188,679	406,637	187,436
30025412000000	COG OPERATING LIMITED LIABILITY CORP	BOONE 16 STATE COM 1H	21S	33E	16	10/11/2014	2/13/2015	592	856	3,830	13,070	18,163	70,173	61,108	97,188	229,860	149,887	251,903	427,276
30025409520000	COG OPERATING LIMITED LIABILITY CORP	CORAZON STATE UNIT 10H	21S	33E	4	11/4/2014	2/27/2015	552	298	2,580	16,801	27,396	58,359	65,466	91,570	210,320	345,493	601,744	1,140,209
30025409540000	COG OPERATING LIMITED LIABILITY CORP	CORAZON STATE UNIT 12H	21S	33E	4	7/24/2014	2/28/2015	478	585	2,068	23,133	30,803	73,686	88,781	135,692	305,220	327,932	859,102	1,226,677
30025419950000	FASKEN OIL AND RANCH LTD	PALOMA 21 FEDERAL CO 3H	20S	34E	21	11/16/2014	3/1/2015	582	621	654	14,233	21,796	30,254	31,110	35,467	76,420	241,577	376,219	547,863
30025422010000	MEWBOURNE OIL COMPANY	MARATHON ROAD 15 NC 1H	20S	34E	15	1/10/2015	3/18/2015	565	422	1,030	21,555	19,039	22,657	91,288	83,449	110,490	208,810	152,316	268,745
30025412980000	COG OPERATING LIMITED LIABILITY CORP	BECKNELL STATE COM 1H	21S	33E	5	9/26/2014	5/9/2015	821	1,461	3,356	26,765	44,227	94,464	95,706	135,674	422,721	394,992	954,081	1,450,404
30025413230000	COG OPERATING LIMITED LIABILITY CORP	BECKNELL STATE COM 2H	21S	33E	5	12/24/2014	5/19/2015	1,055	1,818	5,032	24,074	42,005	85,590	110,366	189,058	380,037	429,583	986,338	1,527,979
30025419470000	FASKEN OIL AND RANCH LTD	PALOMA 21 FEDERAL CO 4H	20S	34E	21	7/28/2014	6/28/2015	213	265	362	9,578	11,052	22,775	41,773	45,185	56,491	183,136	224,780	358,236
30025419930000	FASKEN OIL AND RANCH LTD	PALOMA 21 FEDERAL CO 1H	20S	34E	21	9/13/2014	6/29/2015	208	273	301	22,217	24,700	35,037	49,047	52,539	69,383	334,873	440,440	664,699
30025419940000	FASKEN OIL AND RANCH LTD	PALOMA 21 FEDERAL CO 2H	20S	34E	21	12/18/2014	7/30/2015	489	617	1,057	15,904	20,391	50,019	65,775	71,211	90,170	278,417	389,415	584,079
30025412010000	COG OPERATING LIMITED LIABILITY CORP	GOOSE STATE COM 2H	20S	34E	32	1/3/2016	9/5/2016	916	875	3,428	30,808	34,853	101,111	100,263	114,519	276,489	488,727	574,995	1,182,174
30025429500000	COG OPERATING LIMITED LIABILITY CORP	MAS FEDERAL 3H	20S	34E	34	11/29/2015	11/18/2016	279	603	1,642	43,917	69,997	72,566	159,916	240,661	273,587	324,355	502,599	446,925
30025430540000	EOG RESOURCES INCORPORATED	DELLA 29 FEDERAL COM 602H	20S	34E	29	7/14/2016	12/6/2016	2,322	2,634	4,580	53,194	59,958	105,024	149,892	161,700	298,314	286,999	297,340	536,927
30025438560000	COG OPERATING LIMITED LIABILITY CORP	BECKNELL STATE COM 004H	21S	33E	5	7/2/2017	10/14/2017	181	921	3,321	35,749	54,967	74,483	173,132	260,407	393,860	240,975	358,113	530,615







BRAHMAN

South

30025244120000
TEXAS INTL PETR CORP
AZTEC-STATE 1
8/5/1973

1.2 miles

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COG
CINTA ROJA '10' 1
3/2/1979

North

