

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

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

**APPLICATION OF ASCENT ENERGY, LLC
FOR COMPULSORY POOLING, EDDY COUNTY,
NEW MEXICO.**

Case No. 20279

**APPLICATION OF ASCENT ENERGY, LLC
FOR COMPULSORY POOLING, EDDY COUNTY,
NEW MEXICO.**

Case No. 20280

VERIFIED STATEMENT OF LEE ZINK

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

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

2. Pursuant to Division Rules, the following information is submitted in support of the compulsory pooling application filed herein:

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

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

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

(d) A plat outlining the unit being pooled is attached hereto as Attachment B. Ascent seeks an order pooling all mineral interests in the Bone Spring formation (Case No. 20279) and Wolfcamp formation (Case No. 20280) underlying the S/2S/2 of Section 23 and the S/2S/2 of Section 24, Township 20 South, Range 30 East, NMPM. The unit will be dedicated to the Red Hornet Fed Com Well Nos. 702.

EXHIBIT /

The party being pooled is XTO Holdings LLC.

- (e) There are no depth severances in the Bone Spring and Wolfcamp formations.
- (f) Attachment C is a well proposal sent to XTO Holdings LLC for the subject wells. Ascent has had numerous contacts with XTO Holdings LLC.
- (g) Ascent has made a good faith effort to obtain the voluntary joinder of the working interest owners in the proposed well.
- (h) Ascent has the right to pool the overriding royalty owners in the well unit.
- (i) Attachment D contains the Authorizations for Expenditure for the proposed wells. The estimated costs of the wells set forth therein are fair and reasonable, and comparable to the costs of other wells of similar depth and length drilled in this area of Eddy County.
- (j) Ascent requests overhead and administrative rates of \$7500/month for a drilling well and \$750/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this portion of Eddy County. They are also the rates set forth in the proposed Joint Operating Agreement for the well unit. Ascent requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.
- (k) Ascent requests that the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.
- (l) Ascent requests that it be designated operator of the well.
- (m) The attachments to this affidavit were prepared by me, or compiled from Company business records.
- (n) The granting of this application is in the interests of conservation and the prevention of waste.

VERIFICATION

STATE OF COLORADO

)

) ss.

CITY AND COUNTY OF DENVER

)

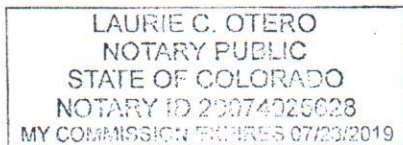
Lee Zink, being duly sworn upon his oath, deposes and states that: He is a landman for Ascent Energy, LLC; he is authorized to make this verification on its behalf; he has read the foregoing statement, and knows the contents thereof; and the same is true and correct to the best of his knowledge, information,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


Lee Zink

SUBSCRIBED AND SWORN TO before me this 6th day of March, 2019 by Lee Zink.

My Commission Expires: 07/23/19


Notary Public



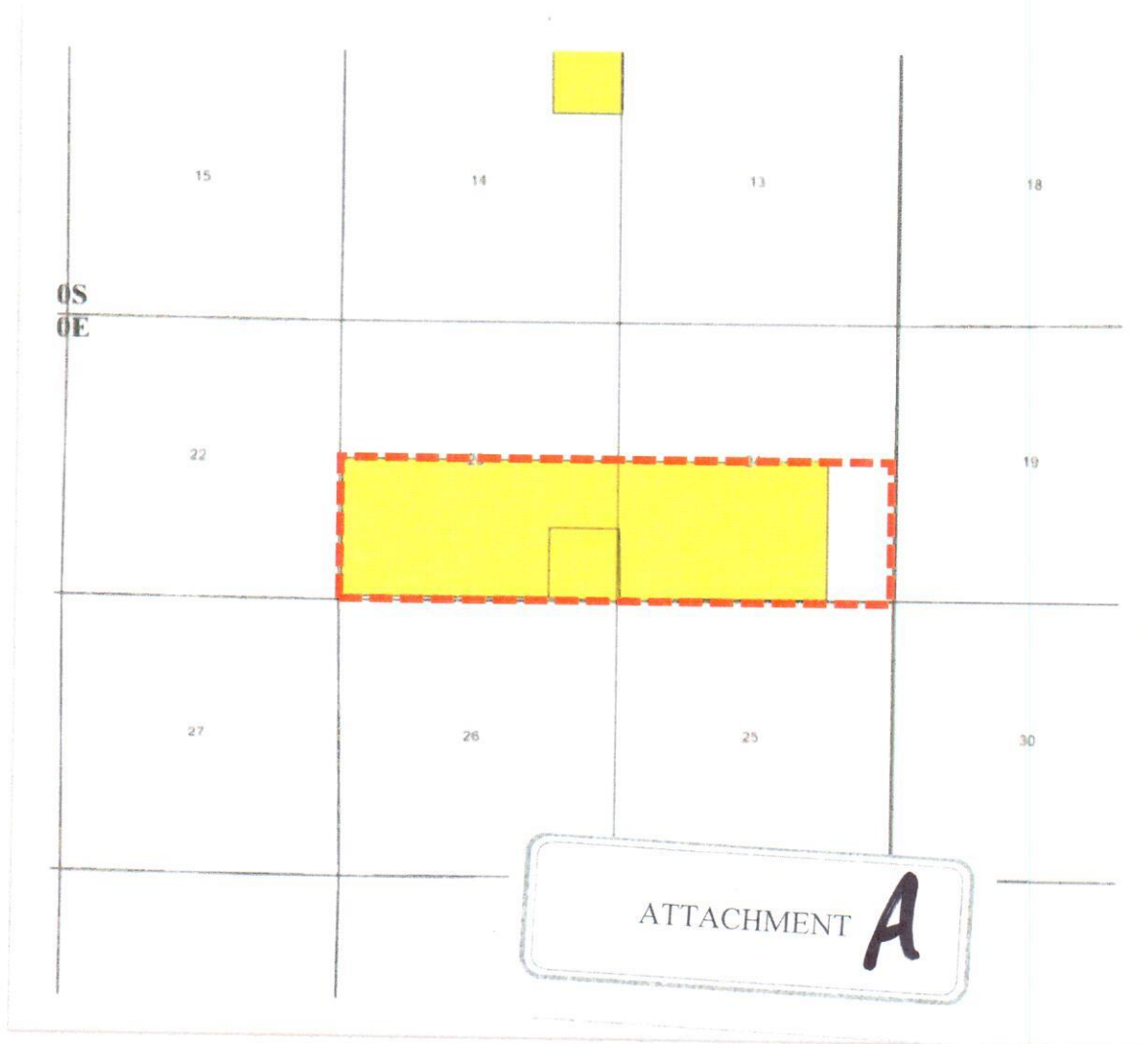
Red Hornet Development Area
Township 20 South, Range 30 East

Section 23: S2

Section 24: S2

640.00 Gross Acres


Eddy County, NM



Red Hornet Development Area



Ascent Leases

Ascent Energy, LLC	
Exhibit	
Location Map T20S-R30E	
Case No.	

Red Hornet Pooling Unit
Township 20 South, Range 30 East

Section 23: S2S2

Section 24: S2S2


320.00 Gross Acres

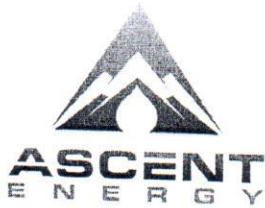
Eddy County, NM



Working Interest for: Red Hornet Fed Com #501H, Red Hornet Fed Com #601H, and Red Hornet Fed Com #701H

Ascent Energy, LLC	87.50%
XTO Holdings, LLC	<u>12.50%</u>
Total	100%

Ascent Energy, LLC	
Exhibit	
T20S-R30E	
Case No.	



September 19, 2018

XTO Holdings LLC
22777 Springwoods Village Pkwy
Spring, Texas 77389
Attn: Land Dept. Loc. 115

RE: Red Hornet Development Area
T20S-R30E
Sec. 23: S2S2
Sec. 24: S2S2
320 Gross Acres, more or less
Eddy County, New Mexico

Dear Working Interest Owner:

Ascent Energy, LLC ("Ascent") hereby proposes the drilling, completing and equipping the following wells to XTO Holdings LLC ("XTO") located in Sections 23 and 24 of T20S-R30E, Eddy County, New Mexico (the "Wells").

- 1) Red Hornet Fed Com #501H (the "501H Well") to test the Bone Spring formation at a total vertical depth of 9,028' and a total measured depth of 19,722'. The proposed surface location of the 501H Well is 1,044' FSL, 51' FEL, T20S-R30E Sec. 24 with a bottom hole location of 660' FSL, 100' FWL, T20S-R30E Sec. 23.

The estimated cost associated with the 501H Well is \$8,788,707, as outlined in the enclosed Authority for Expenditure dated September 13, 2018. Ascent's records indicate that XTO owns a 12.50% working interest in the 501H Well, and XTO's estimated costs is approximately \$1,098,588.

- 2) Red Hornet Fed Com #601H (the "601H Well") to test the Bone Spring formation at a total vertical depth of 10,264' and a total measured depth of 22,258'. The proposed surface location of the 601H Well is 968' FSL, 1,737' FWL, T20S-R31E Sec. 19 with a bottom hole location of 990' FSL, 100' FWL, T20S-R30E Sec. 23.

The estimated cost associated with the 601H Well is \$9,112,085, as outlined in the enclosed Authority for Expenditure dated September 13, 2018. Ascent's records indicate that XTO owns a 12.50% working interest in the 601H Well, and XTO's estimated costs is approximately \$1,139,011.

- 3) Red Hornet Fed Com #701H (the "701H Well") to test the Wolfcamp formation at a total vertical depth of 10,348' and a total measured depth of 22,342'. The proposed surface location of the 701H Well is 938' FSL, 1,737' FWL, T20S-R31E Sec. 19 with a bottom hole location of 330' FSL, 100' FWL, T20S-R30E Sec. 23.

ATTACHMENT C

The estimated cost associated with the 701H Well is \$9,744,239, as outlined in the enclosed Authority for Expenditure dated September 13, 2018. Ascent's records indicate that XTO owns a 12.50% working interest in the 701H Well, and XTO's estimated costs is approximately \$1,218,030.

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

- Contract Area:
Township 20 South, Range 30 East
Section 23: S2S2
Section 24: S2S2
- Ascent named as Operator
- 100%/300%/300% non-consent penalties
- \$8,000.00/\$800.00 drilling and producing overhead rates

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

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

Very Truly Yours,



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

Enclosure(s): Red Hornet Fed Com #501H AFE
Red Hornet Fed Com #601H AFE
Red Hornet Fed Com #701H AFE
Draft 2015 Horizontal AAPL Form 610 Operating Agreement (email only)

Well Election(s)

___ XTO hereby elects to participate in the proposed Red Hornet Fed Com 501H by paying its proportionate share of the costs outlined on the associated AFE.

___ XTO hereby elects not to participate in the proposed Red Hornet Fed Com 501H.

___ XTO hereby elects to participate in the proposed Red Hornet Fed Com 601H by paying its proportionate share of the costs outlined on the associated AFE.

___ XTO hereby elects not to participate in the proposed Red Hornet Fed Com 601H.

___ XTO hereby elects to participate in the proposed Red Hornet Fed Com 701H by paying its proportionate share of the costs outlined on the associated AFE.

___ XTO hereby elects not to participate in the proposed Red Hornet Fed Com 701H.

Working Interest Owner:

XTO Holdings LLC

By: _____

Title: _____

Date: _____

Ascent Energy, LLC

ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE (AFE)

COST CENTER **Red Hornet Fed Com 501H** BUD YEAR **2019** DATE **September 13, 2018**
 AFE NO. _____ CATEGORY **D&C** SUPPLEMENT NO. _____
 FIELD **Rawhide** REGION **Delaware Basin** LEGAL: **20S 30E**
 OPERATOR **Ascent Energy, LLC** WELL NO. **501H** W.I. _____
 OBJECTIVE **2nd Bone Spring** STATE **NM** MD/TVD **+/-19,725'/9025'**
 ESTIMATED PROJECT START DATE: **2Q2019**

DESCRIPTION: Drill a 10,425' lateral in the 2nd BS and frac with 62 stages. Assumes 4 string design.

INTANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8305 101	Location Cleanup & Damages				
8305 102	Rig Move - MIRU, RDMO			\$125,000	\$125,000
8305 103	Rig Contractor-Daywork/FT			\$100,000	100,000
8305 104	Rig Contractor-Turnkey	\$ 24,000	24	\$576,000	576,000
8305 105	Power & Fuel				0
8305 106	Drill Fluids & Chemicals			\$110,000	110,000
8305 107	Bits, Reamer, Stabilizers			\$120,000	120,000
8305 108	Cement & Cementing Services			\$90,000	90,000
8305 109	Mud Logging			\$180,000	180,000
8305 110	Open Hole Logging			\$80,000	80,000
8305 111	Csg Crews & Tools			\$30,000	30,000
8305 112	Directional Tools & Service			\$85,000	85,000
8305 114	Form Eval - Well Testing DST - Coring, Sampling			\$180,000	180,000
8305 115	Tubular Inspection				0
8305 116	Equipment Rentals			\$20,000	20,000
8305 117	Contract Labor & Services			\$300,000	300,000
8305 118	Wellsite Consultants			\$120,000	120,000
8305 119	Company Supervision & Labor	\$ 2,000	48	\$96,000	96,000
8305 120	Transportation				0
8305 121	Mud Cuttings & Water Disposal			\$20,000	20,000
8305 122	Insurance			\$75,000	75,000
8305 123	Overhead	1.9243	19,725	\$37,957	37,957
8305 124	Water & Water Well			\$25,000	25,000
8305 125	Unanticipated MjExp (Fishing)			\$50,000	50,000
8305 126	Legal				0
8305 127	Outside Operated Other			\$50,000	50,000
8305 128	Permits				0
8305 129	Environmental & Safety			\$20,000	20,000
8305 130	Plugging			\$20,000	20,000
	SUBTOTAL				0
8305 199	CONTINGENCY (%) 0.00%			\$2,509,957	\$2,509,957
	SUB-TOTAL INTANGIBLE DRILLING COSTS			0	0
				\$2,509,957	\$2,509,957

INTANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8306 201	Location & Cleanup				
8306 202	Power & Fuel			\$10,000	\$10,000
8306 203	Compl Fluids & Chemicals			10,000	10,000
8306 204	Bits, Reamer, Stabilizers			45,000	45,000
8306 205	Cement & Cementing Svcs				0
8306 206	Logging & Perforation Svcs				0
8306 207	Csg Crews & Tools-Drive Hammer			275,000	275,000
8306 208	Directional Tools & Svcs				0
8306 209	Formation Stimulatn Acid Frac				0
8306 210	Formation Evaluation			3,500,000	3,500,000
8306 211	Tubular Inspection				0
8306 212	Equipment Rentals				0
8306 213	Contract Labor & Services			200,000	200,000
8306 214	Wellsite Consultant				0
8306 215	Company Supervision & Labor	\$ 2,000	60	120,000	120,000
8306 216	Transportation				0
8306 217	Mud Cuttings & Water Disposal			20,000	20,000
8306 218	Insurance			15,000	15,000
8306 219	Overhead				0
8306 220	Water & Water Well				0
8306 221	Unanticipated MajExp Fishing	1.35	475000	641,250	641,250
8306 222	Coil Tubing Services				0
8306 223	Misc Supplies & Materials			95,000	95,000
8306 224	Flowback Testing			35,000	35,000
8306 225	Legal & Permits			75,000	75,000
8306 226	Environmental & Safety Costs			5,000	5,000
8306 227	Plugging				0
8306 228	Completion Rig	\$ -	0		0
	SUBTOTAL			30,000	30,000
8306 299	CONTINGENCY (%) 0.00%			\$5,076,250	\$5,076,250
	SUB-TOTAL INTANGIBLE COMPLETION COSTS			0	0
	SUB-TOTAL INTANGIBLE COSTS			\$5,076,250	\$5,076,250
				\$2,509,957	\$7,586,207

TANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8308 301	Drive Pipe Conductor Casing	\$ -	0		
8308 302	Surface Casing	\$ -	0	\$20,000	\$20,000
8308 303	Intermediate Casing	\$ -	0	\$25,000	25,000
8308 304	Intermediate Casing	\$ -	0	\$60,000	60,000
8308 305	Subs Flt Eqt Centralizers Etc			\$100,000	100,000
8308 306	Casinghead Drilling Spool				0
8308 307	Sub Surface Equipment			\$60,000	60,000
8308 308	Outside Operated Other				0
	SUB-TOTAL TANGIBLE DRILLING COSTS			\$265,000	\$265,000

ATTACHMENT **D**

TANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8309 401	Production Casing	\$ -	0		
8309 402	Tubing	\$ -	0	290,000	\$290,000
8309 403	Subs Flt Eqp Centralizers Etc			32,500	32,500
8309 404	Sub Surface Equipment				0
8309 405	Xmas Tree Upper Section			30,000	30,000
8309 406	Outside Operated Other			60,000	60,000
	SUB-TOTAL TANGIBLE COMPLETION COSTS				0
	SUB-TOTAL TANGIBLE COSTS			\$412,500	\$412,500
	SUB-TOTAL INTANGIBLE & TANGIBLE COSTS	\$265,000		\$412,500	\$677,500
	PRODUCTION EQUIPMENT COSTS	\$2,774,957		\$5,488,750	\$8,263,707

ACCT.	DESCRIPTION	COMPLETION	TOTAL WELL COST
8311 501	Artificial Lift Equipment		
8311 502	Prime Mover Electric Gas	\$15,000	\$15,000
8311 503	Sales Gathering Line		0
8311 504	Separation Equipment		0
8311 505	Oil Treating Heating Equipment		0
8311 506	Gas Treating Dehy Equipment	50,000	50,000
8311 507	Tanks		0
8311 508	Meters		0
8311 509	Electrical Equip Install	70,000	70,000
8311 510	Compressor	55,000	55,000
8311 511	Flowlines	20,000	20,000
8311 512	Labor		0
8311 513	Trucks Hauling Transportation	50,000	50,000
8311 514	Buildings	130,000	130,000
8311 515	Roads & Locations		0
8311 516	Manifolds & Headers		0
8311 517	Chemical Injection System	10,000	10,000
8311 518	Piping & Valves	15,000	15,000
8311 519	Welding		0
8311 520	Surface Pumps	50,000	50,000
8311 521	Filters		0
8311 522	Outside Operated Other	5,000	5,000
8311 523	Environmental & Safety		0
8311 524	Engineering Supervision		0
8311 525	Surface Facilities	10,000	10,000
		30,000	30,000
		15,000	15,000
	SUB-TOTAL PRODUCTION EQUIPMENT		
	SUB-TOTAL INTANGIBLE COSTS (PAGE 1)	\$525,000	\$525,000
	SUB-TOTAL TANGIBLE COSTS (PAGE 2)	\$2,509,957	\$7,586,207
	GRAND TOTAL	\$5,076,250	\$677,500
	LESS OUTSIDE INTERESTS	\$2,774,957	\$412,500
	TOTAL NET COSTS	\$6,013,750	\$8,788,707
		\$0	\$0

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

PREPARED BY

DATE

APPROVED

DATE

APPROVED

DATE

APPROVED

DATE

GROSS AFE AMOUNT - DRY HOLE

\$2,774,957

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 **Red Hornet Fed Com 601H**

BUD YEAR **2019**

DATE **September 13, 2018**

AFE NO.

CATEGORY **D&C**

SUPPLEMENT NO.

FIELD

Rawhide

REGION

Delaware Basin

LEGAL:

OPERATOR

Ascent Energy, LLC

WELL NO.

601H

W.I.

OBJECTIVE

3rd Bone Spring

STATE

NM

MD/TVD

+/-22,260'/10,265'

ESTIMATED PROJECT START DATE:

2Q2019

DESCRIPTION: Drill a 11,725' lateral in the 3rd BS and frac with 62 stages. The first 1320' of the lateral will be uncompleted. Assumes 4 string design.

INTANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8305 101	Location Cleanup & Damages				
8305 102	Rig Move - MIRU, RDMO			\$125,000	\$125,000
8305 103	Rig Contractor-Daywork/FT			\$100,000	100,000
8305 104	Rig Contractor-Turnkey	\$ 24,000	28	\$672,000	672,000
8305 105	Power & Fuel				0
8305 106	Drill Fluids & Chemicals			\$130,000	130,000
8305 107	Bits, Reamer, Stabilizers			\$145,000	145,000
8305 108	Cement & Cementing Services			\$100,000	100,000
8305 109	Mud Logging			\$210,000	210,000
8305 110	Open Hole Logging			\$90,000	90,000
8305 111	Csg Crews & Tools			\$30,000	30,000
8305 112	Directional Tools & Service			\$95,000	95,000
8305 114	Form Eval - Well Testing DST - Coring, Sampling			\$210,000	210,000
8305 115	Tubular Inspection				0
8305 116	Equipment Rentals			\$20,000	20,000
8305 117	Contract Labor & Services			\$310,000	310,000
8305 118	Wellsite Consultants			\$135,000	135,000
8305 119	Company Supervision & Labor	\$ 2,000	56	\$112,000	112,000
8305 120	Transportation				0
8305 121	Mud Cuttings & Water Disposal			\$20,000	20,000
8305 122	Insurance			\$85,000	85,000
8305 123	Overhead	1.9243	22,260	\$42,835	42,835
8305 124	Water & Water Well			\$25,000	25,000
8305 125	Unanticipated MirExp (Fishing)			\$55,000	55,000
8305 126	Legal				0
8305 127	Outside Operated Other			\$50,000	50,000
8305 128	Permits				0
8305 129	Environmental & Safety			\$20,000	20,000
8305 130	Plugging			\$20,000	20,000
8305 199	SUBTOTAL			\$2,801,835	\$2,801,835
	CONTINGENCY (%)	0.00%		0	0
	SUB-TOTAL INTANGIBLE DRILLING COSTS			0	0
				\$2,801,835	\$2,801,835

INTANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8306 201	Location & Cleanup				
8306 202	Power & Fuel			\$10,000	\$10,000
8306 203	Compl Fluids & Chemicals			10,000	10,000
8306 204	Bits, Reamer, Stabilizers			45,000	45,000
8306 205	Cement & Cementing Svcs				0
8306 206	Logging & Perforation Svcs				0
8306 207	Csg Crews & Tools-Drive Hammer			275,000	275,000
8306 208	Directional Tools & Svcs				0
8306 209	Formation Stimulatn Acid Frac				0
8306 210	Formation Evaluation				0
8306 211	Tubular Inspection			3,500,000	3,500,000
8306 212	Equipment Rentals				0
8306 213	Contract Labor & Services				0
8306 214	Wellsite Consultant			200,000	200,000
8306 215	Company Supervision & Labor	\$ 2,000	60		0
8306 216	Transportation			120,000	120,000
8306 217	Mud Cuttings & Water Disposal				0
8306 218	Insurance			20,000	20,000
8306 219	Overhead			15,000	15,000
8306 220	Water & Water Well				0
8306 221	Unanticipated MajExp Fishing	1.35	475000		0
8306 222	Coil Tubing Services			641,250	641,250
8306 223	Misc Supplies & Materials				0
8306 224	Flowback Testing			95,000	95,000
8306 225	Legal & Permits			35,000	35,000
8306 226	Environmental & Safety Costs			75,000	75,000
8306 227	Plugging			5,000	5,000
8306 228	Completion Rig	\$ -	0		0
8306 299	SUBTOTAL			30,000	30,000
	CONTINGENCY (%)	0.00%			0
	SUB-TOTAL INTANGIBLE COMPLETION COSTS			\$5,076,250	\$5,076,250
	SUB-TOTAL INTANGIBLE COSTS			0	0
				\$5,076,250	\$5,076,250
				\$2,801,835	\$7,878,085

TANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8308 301	Drive Pipe Conductor Casing	\$ -	0		
8308 302	Surface Casing	\$ -	0	\$20,000	\$20,000
8308 303	Intermediate Casing	\$ -	0	\$25,000	25,000
8308 304	Intermediate Casing	\$ -	0	\$60,000	60,000
8308 305	Subs Flt Eqp Centralizers Etc	\$ -	0	\$100,000	100,000
8308 306	Casinghead Drilling Spool				0
8308 307	Sub Surface Equipment			\$60,000	60,000
8308 308	Outside Operated Other				0
	SUB-TOTAL TANGIBLE DRILLING COSTS			\$265,000	\$265,000

TANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8309 401	Production Casing	\$ -	0		
8309 402	Tubing	\$ -	0	320,000	\$320,000
8309 403	Subs Flt Eqp Centralizers Etc			34,000	34,000
8309 404	Sub Surface Equipment				0
8309 405	Xmas Tree Upper Section			30,000	30,000
8309 406	Outside Operated Other			60,000	60,000
					0
	SUB-TOTAL TANGIBLE COMPLETION COSTS				
	SUB-TOTAL TANGIBLE COSTS			\$444,000	\$444,000
	SUB-TOTAL INTANGIBLE & TANGIBLE COSTS			\$265,000	\$709,000
	PRODUCTION EQUIPMENT COSTS			\$3,066,835	\$5,520,250
					\$8,587,085

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8311 501	Artificial Lift Equipment				
8311 502	Prime Mover Electric Gas			\$15,000	\$15,000
8311 503	Sales Gathering Line				0
8311 504	Separation Equipment				0
8311 505	Oil Treating Heating Equipment			50,000	50,000
8311 506	Gas Treating Dehy Equipment				0
8311 507	Tanks				0
8311 508	Meters			70,000	70,000
8311 509	Electrical Equip Install			55,000	55,000
8311 510	Compressor			20,000	20,000
8311 511	Flowlines				0
8311 512	Labor			50,000	50,000
8311 513	Trucks Hauling Transportation			130,000	130,000
8311 514	Buildings				0
8311 515	Roads & Locations				0
8311 516	Manifolds & Headers			10,000	10,000
8311 517	Chemical Injection System			15,000	15,000
8311 518	Piping & Valves				0
8311 519	Welding			50,000	50,000
8311 520	Surface Pumps				0
8311 521	Filters			5,000	5,000
8311 522	Outside Operated Other				0
8311 523	Environmental & Safety				0
8311 524	Engineering Supervision			10,000	10,000
8311 525	Surface Facilities			30,000	30,000
				15,000	15,000
	SUB-TOTAL PRODUCTION EQUIPMENT			\$525,000	\$525,000
	SUB-TOTAL INTANGIBLE COSTS (PAGE 1)				
	SUB-TOTAL TANGIBLE COSTS (PAGE 2)			\$2,801,835	\$5,076,250
					\$7,878,085
	GRAND TOTAL			\$265,000	\$444,000
					\$709,000
	LESS OUTSIDE INTERESTS			\$3,066,835	\$6,045,250
					\$9,112,085
	TOTAL NET COSTS			\$3,066,835	\$6,045,250
				\$0	\$0
				\$0	\$0

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

PREPARED BY	DATE
APPROVED	DATE
APPROVED	DATE
APPROVED	DATE

GROSS AFE AMOUNT - DRY HOLE	\$3,066,835
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	Red Hornet Fed Com 701H	BUD YEAR	2019	DATE	September 13, 2018
AFE NO.		CATEGORY	D&C	SUPPLEMENT NO.	
FIELD	Rawhide	REGION	Delaware Basin	LEGAL:	20S 31E
OPERATOR	Ascent Energy, LLC	WELL NO.	701H	W.I.	
OBJECTIVE	Wolfcamp A	STATE	NM	MD/TVD	+/-22,340'/10,350'
ESTIMATED PROJECT START DATE:	2Q2019				

DESCRIPTION: Drill a 11,725' lateral in the Wolfcamp A and frac with 62 stages. The first 1320' of the lateral will be uncompleted. Assumes 4 string design.

INTANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8305 101	Location Cleanup & Damages				
8305 102	Rig Move - MIRU, RDMO			\$125,000	\$125,000
8305 103	Rig Contractor-Daywork/FT			\$100,000	100,000
8305 104	Rig Contractor-Turnkey	\$ 24,000	34	\$816,000	816,000
8305 105	Power & Fuel				0
8305 106	Drill Fluids & Chemicals			\$150,000	150,000
8305 107	Bits, Reamer, Stabilizers			\$200,000	200,000
8305 108	Cement & Cementing Services			\$130,000	130,000
8305 109	Mud Logging			\$230,000	230,000
8305 110	Open Hole Logging			\$88,000	88,000
8305 111	Csg Crews & Tools			\$30,000	30,000
8305 112	Directional Tools & Service			\$130,000	130,000
8305 114	Form Eval - Well Testing DST - Coring, Sampling			\$235,000	235,000
8305 115	Tubular Inspection				0
8305 116	Equipment Rentals			\$20,000	20,000
8305 117	Contract Labor & Services			\$350,000	350,000
8305 118	Wellsite Consultants			\$145,000	145,000
8305 119	Company Supervision & Labor	\$ 2,000	68	\$136,000	136,000
8305 120	Transportation				0
8305 121	Mud, Cuttings & Water Disposal			\$20,000	20,000
8305 122	Insurance	1.9243	22,340	\$120,000	120,000
8305 123	Overhead			\$42,989	42,989
8305 124	Water & Water Well			\$25,000	25,000
8305 125	Unanticipated MirExp (Fishing)			\$55,000	55,000
8305 126	Legal				0
8305 127	Outside Operated Other			\$50,000	50,000
8305 128	Permits				0
8305 129	Environmental & Safety			\$20,000	20,000
8305 130	Plugging			\$20,000	20,000
	SUBTOTAL				0
8305 199	CONTINGENCY (%) 0.00%			\$3,237,989	\$3,237,989
	SUB-TOTAL INTANGIBLE DRILLING COSTS			0	0
				\$3,237,989	\$3,237,989

INTANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8306 201	Location & Cleanup				
8306 202	Power & Fuel			\$10,000	\$10,000
8306 203	Compl Fluids & Chemicals			10,000	10,000
8306 204	Bits, Reamer, Stabilizers			45,000	45,000
8306 205	Cement & Cementing Svcs				0
8306 206	Logging & Perforation Svcs				0
8306 207	Csg Crews & Tools-Drive Hammer				0
8306 208	Directional Tools & Svcs			275,000	275,000
8306 209	Formation Stimulatn Acid Frac				0
8306 210	Formation Evaluation			3,600,000	3,600,000
8306 211	Tubular Inspection				0
8306 212	Equipment Rentals				0
8306 213	Contract Labor & Services			165,000	165,000
8306 214	Wellsite Consultant				0
8306 215	Company Supervision & Labor	\$ 2,000	60	120,000	120,000
8306 216	Transportation				0
8306 217	Mud Cuttings & Water Disposal			20,000	20,000
8306 218	Insurance			15,000	15,000
8306 219	Overhead				0
8306 220	Water & Water Well	1.35	475000		0
8306 221	Unanticipated MajExp Fishing			641,250	641,250
8306 222	Coil Tubing Services				0
8306 223	Misc Supplies & Materials			95,000	95,000
8306 224	Flowback Testing			35,000	35,000
8306 225	Legal & Permits			75,000	75,000
8306 226	Environmental & Safety Costs			5,000	5,000
8306 227	Plugging				0
8306 228	Completion Rig	\$ -	0		0
	SUBTOTAL			30,000	30,000
8306 299	CONTINGENCY (%) 0.00%			\$5,141,250	\$5,141,250
	SUB-TOTAL INTANGIBLE COMPLETION COSTS			0	0
				\$5,141,250	\$5,141,250
	SUB-TOTAL INTANGIBLE COSTS			\$3,237,989	\$5,141,250

TANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8308 301	Drive Pipe Conductor Casing	\$ -	0		
8308 302	Surface Casing	\$ -	0	\$20,000	\$20,000
8308 303	Intermediate Casing	\$ -	0	\$25,000	25,000
8308 304	Intermediate Casing	\$ -	0	\$60,000	60,000
8308 305	Subs Flt Eqp Centralizers Etc	\$ -	0	\$175,000	175,000
8308 306	Casinghead Drilling Spool				0
8308 307	Sub Surface Equipment			\$60,000	60,000
8308 308	Outside Operated Other				0
	SUB-TOTAL TANGIBLE DRILLING COSTS			\$340,000	\$340,000

TANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8309 401	Production Casing	\$ -	0		
8309 402	Tubing	\$ -	0	365,000	\$365,000
8309 403	Subs Flt Eqpt Centralizers Etc			45,000	45,000
8309 404	Sub Surface Equipment				0
8309 405	Xmas Tree Upper Section			30,000	30,000
8309 406	Outside Operated Other			60,000	60,000
	SUB-TOTAL TANGIBLE COMPLETION COSTS				0
	SUB-TOTAL TANGIBLE COSTS			\$500,000	\$500,000
	SUB-TOTAL INTANGIBLE & TANGIBLE COSTS			\$340,000	\$840,000
	PRODUCTION EQUIPMENT COSTS			\$3,577,989	\$5,641,250
					\$9,219,239

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8311 501	Artificial Lift Equipment				
8311 502	Prime Mover Electric Gas			\$15,000	\$15,000
8311 503	Sales Gathering Line				0
8311 504	Separation Equipment				0
8311 505	Oil Treating Heating Equipment			50,000	50,000
8311 506	Gas Treating Dehy Equipment				0
8311 507	Tanks				0
8311 508	Meters				0
8311 509	Electrical Equip Install			70,000	70,000
8311 510	Compressor			55,000	55,000
8311 511	Flowlines			20,000	20,000
8311 512	Labor				0
8311 513	Trucks Hauling Transportation			50,000	50,000
8311 514	Buildings			130,000	130,000
8311 515	Roads & Locations				0
8311 516	Manifolds & Headers				0
8311 517	Chemical Injection System			10,000	10,000
8311 518	Piping & Valves			15,000	15,000
8311 519	Welding				0
8311 520	Surface Pumps			50,000	50,000
8311 521	Filters				0
8311 522	Outside Operated Other			5,000	5,000
8311 523	Environmental & Safety				0
8311 524	Engineering Supervision				0
8311 525	Surface Facilities			10,000	10,000
				30,000	30,000
				15,000	15,000
	SUB-TOTAL PRODUCTION EQUIPMENT				
	SUB-TOTAL INTANGIBLE COSTS (PAGE 1)			\$525,000	\$525,000
	SUB-TOTAL TANGIBLE COSTS (PAGE 2)			\$3,237,989	\$8,379,239
	GRAND TOTAL			\$5,141,250	\$8,379,239
	LESS OUTSIDE INTERESTS			\$340,000	\$500,000
	TOTAL NET COSTS			\$3,577,989	\$6,166,250
				\$6,166,250	\$9,744,239
				\$0	\$0
				\$0	\$0

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

PREPARED BY		DATE
APPROVED		DATE
APPROVED		DATE
APPROVED		DATE

GROSS AFE AMOUNT - DRY HOLE	\$3,577,989
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

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

APPLICATION OF ASCENT ENERGY, LLC
FOR COMPULSORY POOLING, EDDY COUNTY,
NEW MEXICO.

Case No. 20279

APPLICATION OF ASCENT ENERGY, LLC
FOR COMPULSORY POOLING, EDDY COUNTY,
NEW MEXICO.

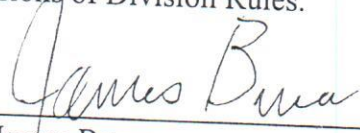
Case No. 20280

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 owner, at its correct address, by certified mail. Copies of the notice letter and certified return receipt 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 6th day of March, 2019 by James Bruce.

My Commission Expires



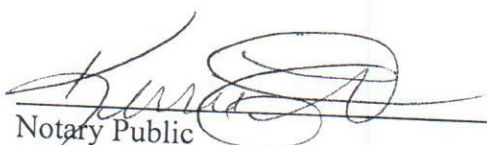

Notary Public

EXHIBIT 2

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

February 15, 2019

CERTIFIED MAIL

To: Persons on Exhibit A

Ladies and gentlemen:

Enclosed are copies of two applications for compulsory pooling, filed with the New Mexico Oil Conservation Division by Ascent Energy, LLC, regarding:

1. Two Bone Spring wells in the S/2S/2 of Section 23 and the S/2S/2 of Section 24, Township 20 South, Range 30 East, NMPM, Eddy County, New Mexico; and
2. A Wolfcamp well in the S/2S/2 of Section 23 and the S/2S/2 of Section 24, Township 20 South, Range 30 East, NMPM, Eddy County, New Mexico.

These matters are scheduled for hearing at 8:15 a.m. on March 7, 2019, 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 28, 2019. 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
James Bruce

Attorney for Ascent Energy, LLC

ATTACHMENT

A

Exhibit A

XTO Holdings LLC
22777 Springwoods Village Parkway
Spring, Texas 77389

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

XTO Holdings LLC

Street and Apt. No.,

22777 Springwoods Village Parkway

City, State, ZIP+4®

Spring, Texas 77389

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:

XTO Holdings LLC
22777 Springwoods Village Parkway
Spring, Texas 77389



9590 9402 4368

2. A

7018 2290 0000 3423 1404

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

☐ Certified Mail Restricted Delivery

☐ Certified Mail Restricted Delivery

☐ Certified Mail Restricted Delivery

☐ Priority Mail Express®

☐ Registered Mail™

☐ Registered Mail Restricted Delivery

☐ Return Receipt for Merchandise

☐ Signature Confirmation™

☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

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

APPLICATION OF ASCENT ENERGY, LLC
FOR COMPULSORY POOLING, LEA COUNTY,
NEW MEXICO.

Case No. 20279

APPLICATION OF ASCENT ENERGY, LLC
FOR COMPULSORY POOLING, LEA COUNTY,
NEW MEXICO.

Case No. 202⁸⁰79

VERIFIED STATEMENT OF BEN METZ

William 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 Attachments A, B, and C pertain to the Second Bone Spring, Third Bone Spring, and Wolfcamp zones respectively. These three zones are prospective in this area. They show:
 - (a) Structure maps on top of each zone. They show that structure dips gently to the east-southeast. It also shows a line of cross-section.
 - (b) Cross-sections of each zone. The well logs on the cross-sections give a representative sample of the Second Bone Spring, Third Bone Spring, and Wolfcamp zones in this area. The target zones are continuous across the well unit.
 - (c) A list of producing wells from each zone in the area. The wells are both east/west and north/south well. There is no preferred orientation in this area.
 - (d) The C-102s for the wells are attached, showing the first and last take points. The wells comply with the Division's setback requirements.
4. I conclude from the maps that:
 - (a) The Bone Spring and Wolfcamp horizontal spacing units are justified from a geologic standpoint, and horizontal drilling is the best method to produce Bone Spring and Wolfcamp reserves.

EXHIBIT *3*

(b) Each quarter-quarter section in the well units will contribute more or less equally to production from each respective zone.

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

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

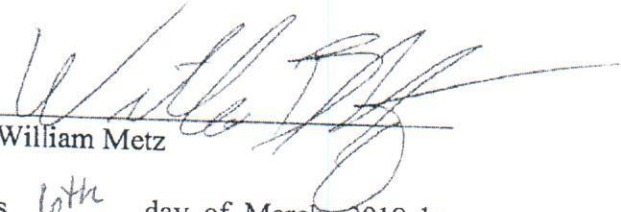
VERIFICATION

STATE OF COLORADO

COTY AND COUNTY OF DENVER

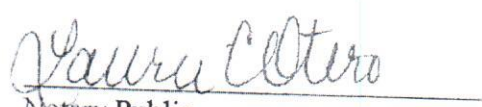
)
) ss.
)

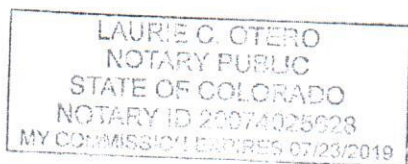
William Metz, being duly sworn upon his oath, deposes and states that: He is a geologist for Ascent Energy, LLC; he is authorized to make this verification on its behalf; he has read the foregoing statement, and knows the contents thereof; and the same is true and correct to the best of his knowledge,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


William Metz

SUBSCRIBED AND SWORN TO before me this 6th day of March, 2019 by William Metz.

My Commission Expires: 07/23/19

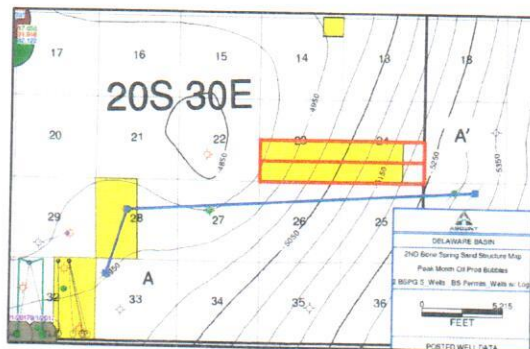
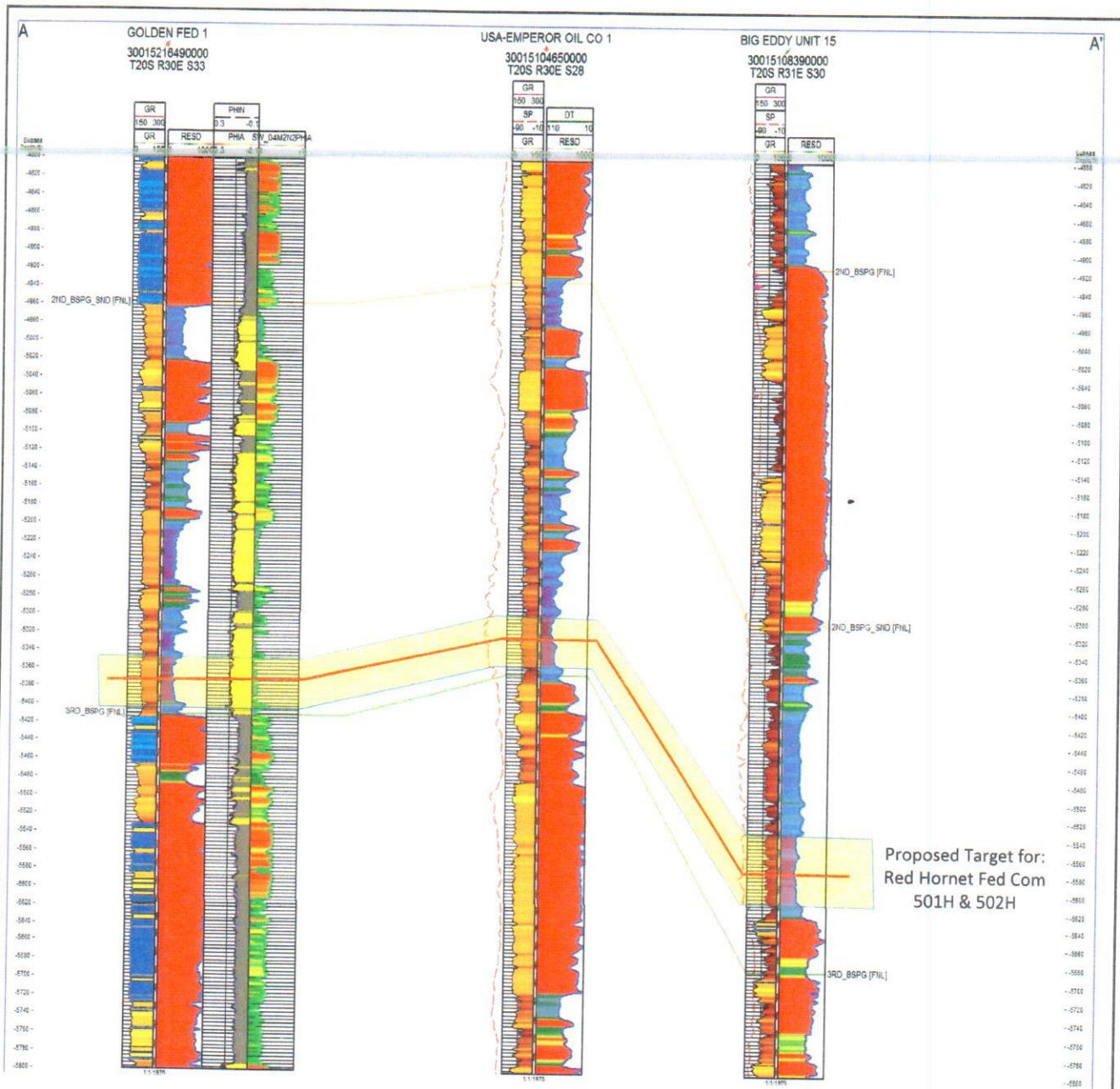

Notary Public



2nd Bone Spring Sand

- S2 S2
- Red Hornet Fed Com 501H
 - N2 S2
- Red Hornet Fed Com 502H

ATTACHMENT *A*



Ascent Energy, LLC	
Case No.	Exhibit
Cross Section across 2 nd Bone Spring Sand	
Jan 2, 2019	

Offset 2nd Bone Spring Sand Production Table																		
UWI (APINum)	Operator	Well Label	Township	Range	Section	SPUD DATE	COMP DATE	PEAK MONTH OIL	PEAK MONTH GAS	PEAK MONTH WATER	CUM OIL BO	CUM GAS MCF	CUM WTR BW	LATERAL AZIMUTH	HOR_ZONE			
30015378600000	MEWBOURNE OIL COMPANY	THREE PALMS 36 STATE 1H	19S	29E	36	7/18/2010	10/4/2010	6,024	20,109	13,323	93,014	305,187	186,779	E/W	2ND BSPG S			
30015382260100	CIMAREX ENERGY COMPANY	BURTON 6 FEDERAL 1H	20S	30E	6	12/1/2010	1/26/2011	1,572	2,747	6,197	22,238	70,285	101,081	N/S	2ND BSPG S			
30015382440100	COG OPERATING LIMITED LIABILITY CORP	MARAUDER FEDERAL 1H	19S	31E	31	11/14/2010	2/11/2011	14,978	31,074	30,492	160,863	469,677	366,657	N/S	2ND BSPG S			
30015384220000	MEWBOURNE OIL COMPANY	THREE PALMS '36' STA 2H	19S	29E	36	3/21/2011	6/8/2011	14,101	26,687	24,227	114,144	385,383	247,050	E/W	2ND BSPG S			
30015384840100	DEVON ENERGY PRODUCTION COMPANY L P	BEEBLE JUICE '19' FE 1H	19S	31E	19	5/31/2011	7/14/2011	3,198	7,196	10,466	70,481	163,752	193,054	N/S	2ND BSPG S			
30015384650100	CIMAREX ENERGY CO OF COLORADO	SUPERIOR FEDERAL 10H	20S	29E	1	5/18/2011	8/3/2011	6,812	13,837	13,703	52,630	175,610	115,072	N/S	2ND BSPG S			
30015392450000	COG OPERATING LIMITED LIABILITY CORP	BUENA VISTA 2 STATE 003H	20S	30E	2	8/16/2011	10/29/2011	14,695	15,205	24,249	182,759	472,460	277,074	N/S	2ND BSPG S			
30015393870000	COG OPERATING LIMITED LIABILITY CORP	BIRDSEYE '32' STATE 4H	19S	31E	4H	19S	31E	19	10/26/2011	1/10/2012	5,773	11,720	12,977	94,008	255,791	280,362	N/S	2ND BSPG S
30015398990100	DEVON ENERGY PRODUCTION COMPANY L P	BEEBLE JUICE '19' FE 2H	19S	31E	19	10/26/2011	1/10/2012	5,773	11,720	12,977	94,008	255,791	280,362	N/S	2ND BSPG S			
30015393930100	DEVON ENERGY PRODUCTION COMPANY L P	RIGEL '20' FEDERAL C 1H	19S	31E	20	12/8/2011	2/25/2012	11,062	11,619	7,317	149,800	272,773	163,238	E/W	2ND BSPG S			
30015393940000	DEVON ENERGY PRODUCTION COMPANY L P	RIGEL '20' FEDERAL C 2H	19S	31E	20	1/24/2012	4/4/2012	19,217	19,120	12,899	186,777	340,496	173,963	E/W	2ND BSPG S			
30015392310000	DEVON ENERGY PRODUCTION COMPANY L P	BEEBLE JUICE '19' FE 3H	19S	31E	19	1/8/2012	5/10/2012	7,484	10,301	15,871	74,068	177,065	232,786	N/S	2ND BSPG S			
30015392320000	DEVON ENERGY PRODUCTION COMPANY L P	BEEBLE JUICE '19' FE 4H	19S	31E	19	12/7/2011	5/11/2012	15,143	13,721	17,692	108,258	308,504	315,089	N/S	2ND BSPG S			
30015398910100	CIMAREX ENERGY CO OF COLORADO	IRWIN '23-14' FEDERA 001	19S	30E	23	3/31/2012	5/28/2012	20,184	21,966	33,645	186,612	465,143	580,351	N/S	2ND BSPG S			
30015397250100	DEVON ENERGY PRODUCTION COMPANY L P	RIGEL '20' FEDERAL C 3H	19S	31E	20	2/20/2012	6/12/2012	19,150	20,586	23,446	171,766	305,558	212,370	E/W	2ND BSPG S			
30015395110000	EOG Y RESOURCES INC	HANAGAN 'APL' FEDERA 2H	19S	30E	31	3/7/2012	6/14/2012	8,128	11,302	17,403	131,767	292,733	339,256	E/W	2ND BSPG S			
30015397260000	DEVON ENERGY PRODUCTION COMPANY L P	RIGEL '20' FEDERAL C 4H	19S	31E	20	3/4/2012	6/26/2012	19,140	17,130	19,535	174,453	320,837	251,553	E/W	2ND BSPG S			
30015404040000	EOG Y RESOURCES INC	ZIA 'AMZ' FEDERAL CO 2H	20S	29E	13	6/18/2012	8/13/2012	7,621	26,366	42,234	97,372	329,742	499,781	E/W	2ND BSPG S			
30015398920000	CIMAREX ENERGY CO OF COLORADO	IRWIN '23-14' FEDERA 2	19S	30E	23	6/29/2012	9/6/2012	12,401	17,085	33,843	134,127	292,082	449,241	N/S	2ND BSPG S			
30015402530000	COG OPERATING LIMITED LIABILITY CORP	SALADA VISTA 36 STAT 2H	19S	31E	31	7/27/2012	11/4/2012	35,212	62,664	33,901	284,738	679,697	414,735	E/W	2ND BSPG S			
30015405860100	COG OPERATING LIMITED LIABILITY CORP	SHOELESS JOE 32 STAT 1H	19S	30E	32	9/9/2012	11/30/2012	18,867	33,075	44,345	136,831	251,455	315,572	E/W	2ND BSPG S			
30015407890000	COG OPERATING LIMITED LIABILITY CORP	BUENA VISTA 2 STATE 1H	20S	30E	2	11/30/2012	4/3/2013	25,769	37,706	24,656	195,144	640,148	248,000	N/S	2ND BSPG S			
30015410280000	COG OPERATING LIMITED LIABILITY CORP	SHOELESS JOE 32 STAT 3H	19S	30E	32	2/11/2013	4/10/2013	18,192	33,717	38,680	159,920	519,804	524,393	E/W	2ND BSPG S			
30015409330000	COG OPERATING LIMITED LIABILITY CORP	SALADA VISTA 36 STAT 4H	19S	31E	31	1/25/2013	4/11/2013	35,279	51,400	21,625	331,297	779,361	384,456	E/W	2ND BSPG S			
30015398940000	CIMAREX ENERGY CO OF COLORADO	IRWIN '23-14' FEDERA 4H	19S	30E	23	2/16/2013	5/18/2013	4,279	6,364	19,596	31,191	113,286	129,800	E/W	2ND BSPG S			
30015411150100	CIMAREX ENERGY COMPANY	HACKBERRY 23 FEDERAL 1H	19S	30E	24	3/13/2013	5/28/2013	12,239	18,426	31,369	115,777	277,341	375,095	E/W	2ND BSPG S			
30015408910000	COG OPERATING LIMITED LIABILITY CORP	BIRDSEYE 32 STATE 3H	19S	31E	32	3/15/2013	5/30/2013	20,646	21,721	38,684	125,098	267,116	342,781	N/S	2ND BSPG S			
30015412900000	COG OPERATING LIMITED LIABILITY CORP	BUENA VISTA 2 STATE 2H	20S	30E	2	5/30/2013	7/25/2013	11,815	17,586	18,188	140,173	335,407	199,708	N/S	2ND BSPG S			
30015399750000	COG OPERATING LIMITED LIABILITY CORP	SUPER FORTRESS '29' 4H	19S	31E	29	6/5/2012	8/14/2013	12,303	7,704	29,609	78,631	145,417	281,917	N/S	2ND BSPG S			
30015411570000	COG OPERATING LIMITED LIABILITY CORP	SALADA VISTA 36 STAT 3H	19S	31E	31	7/4/2013	8/26/2013	26,135	29,047	27,389	207,401	580,666	387,240	E/W	2ND BSPG S			
30015404260000	EOG Y RESOURCES INC	ANTWEIL 'ANU' FEDERA 4H	19S	30E	29	6/30/2013	11/7/2013	18,682	39,636	32,438	208,577	491,533	387,731	E/W	2ND BSPG S			
30015414200000	MEWBOURNE OIL COMPANY	TWO MESAS '7' MP FED 1H	20S	30E	7	10/31/2013	2/20/2014	8,503	16,068	49,931	59,759	155,752	394,622	E/W	2ND BSPG S			
30015398010000	EOG Y RESOURCES INC	HANAGAN 'APL' FEDERA 3H	19S	30E	31	1/9/2014	4/14/2014	8,439	18,811	21,130	91,200	297,830	274,399	E/W	2ND BSPG S			
30015419380000	COG OPERATING LIMITED LIABILITY CORP	COINFLIP STATE COM 3H	20S	30E	18	3/3/2014	6/1/2014	17,658	31,916	42,122	106,360	327,387	420,505	E/W	2ND BSPG S			
30015412380000	COG OPERATING LIMITED LIABILITY CORP	SHOELESS JOE 32 STAT 2H	19S	30E	32	3/25/2014	6/21/2014	14,774	25,606	29,941	139,781	509,453	438,901	E/W	2ND BSPG S			
30015420930000	CIMAREX ENERGY COMPANY	HACKBERRY 23 FEDERAL 2H	19S	30E	24	4/19/2014	6/28/2014	27,654	48,299	32,156	277,412	871,996	532,601	E/W	2ND BSPG S			
30015398590000	EOG Y RESOURCES INC	SOUTHLAND ROYALTY AP 4H	19S	29E	24	2/20/2014	6/28/2014	17,882	26,672	13,390	82,688	289,120	72,534	N/S	2ND BSPG S			
30015418290000	COG OPERATING LIMITED LIABILITY CORP	BUENA VISTA 2 STATE 4H	20S	30E	2	4/11/2014	7/1/2014	31,452	60,195	30,557	242,281	649,098	226,349	N/S	2ND BSPG S			
30015398580000	EOG Y RESOURCES INC	SOUTHLAND ROYALTY AP 3H	19S	29E	24	3/24/2014	7/26/2014	13,199	25,304	24,043	64,416	234,378	141,220	N/S	2ND BSPG S			
30015418100000	COG OPERATING LIMITED LIABILITY CORP	MARAUDER 31 FEDERAL 2H	19S	31E	31	4/29/2014	7/28/2014	16,769	21,839	32,426	141,472	342,788	424,388	N/S	2ND BSPG S			
30015418100000	COG OPERATING LIMITED LIABILITY CORP	MARAUDER 31 FEDERAL 4H	19S	31E	31	5/21/2014	8/20/2014	21,069	16,595	42,133	169,744	342,809	464,363	N/S	2ND BSPG S			
30015418300000	COG OPERATING LIMITED LIABILITY CORP	SALADA VISTA 36 STAT 5H	19S	31E	31	5/3/2014	8/23/2014	34,224	54,321	32,880	238,042	835,636	391,987	E/W	2ND BSPG S			
30015415690000	COG OPERATING LIMITED LIABILITY CORP	MARAUDER 31 FEDERAL 3H	19S	31E	31	4/10/2014	8/25/2014	11,461	18,135	37,332	118,014	273,721	414,649	N/S	2ND BSPG S			
30015392410000	EOG Y RESOURCES INC	NUCLEUS BGN FEDERAL 001H	19S	30E	31	4/8/2014	9/2/2014	14,269	20,502	29,676	99,652	255,257	294,331	E/W	2ND BSPG S			
30015423230000	COG OPERATING LIMITED LIABILITY CORP	CRAPSHOOT 13 FEDERAL 1H	20S	29E	24	5/28/2014	9/8/2014	12,066	28,246	51,854	81,240	339,931	396,251	N/S	2ND BSPG S			
30015394210000	EOG Y RESOURCES INC	FOCUS 'BDB' FEDERAL 1H	19S	30E	31	5/7/2014	9/8/2014	13,269	27,803	24,153	91,471	314,820	237,335	E/W	2ND BSPG S			
30015397490000	EOG Y RESOURCES INC	SOUTHLAND ROYALTY AP 2H	19S	29E	24	4/24/2014	9/17/2014	6,742	14,050	22,396	54,485	159,378	123,956	N/S	2ND BSPG S			
30015415380000	COG OPERATING LIMITED LIABILITY CORP	RUNNING BUFFALO 1 FE 1H	21S	28E	1	6/14/2014	9/21/2014	6,137	18,889	31,775	51,541	188,543	260,190	N/S	2ND BSPG S			
30015420850000	COG OPERATING LIMITED LIABILITY CORP	DARTHROW STATE 2H	20S	30E	19	6/26/2014	10/1/2014	16,469	23,848	63,343	108,059	345,138	538,894	N/S	2ND BSPG S			
30015419370000	COG OPERATING LIMITED LIABILITY CORP	COINFLIP STATE COM 2H	20S	30E	18	2/6/2014	10/22/2014	15,705	35,541	37,465	126,254	569,788	369,758	E/W	2ND BSPG S			
30015425450000	MARATHON OIL PERMIAN LLC	PARKWAY 19 18 FEDERA 1H	19S	30E	19	9/6/2014	12/20/2014	8,382	14,359	23,920	72,439	161,200	127,641	N/S	2ND BSPG S			
30015427190000	COG OPERATING LIMITED LIABILITY CORP	DARTHROW STATE 4H	20S	30E	19	10/15/2014	1/10/2015	14,472	19,532	50,340	79,696	296,785	415,169	N/S	2ND BSPG S			
30015427050000	BOPCO LIMITED PARTNERSHIP	HASTA LA VISTA 1 DI 2Y	20S	31E	6	10/19/2014	2/18/2015	32,292	51,842	31,640	332,156	1,038,215	396,663	E/W	2ND BSPG S			
30015425330000	BOPCO LIMITED PARTNERSHIP	HASTA LA VISTA 1 DI 1H	20S	31E	6	9/18/2014	2/18/2015	27,263	47,301	28,929	245,893	701,849	404,077	E/W	2ND BSPG S			
30015405230000	EOG Y RESOURCES INC	ANTWEIL 'ANU' FEDERA 3H	19S	30E	19	10/7/2014	2/26/2015	7,948	16,747	19,454	48,819	143,220	116,798	N/S	2ND BSPG S			
30015420780000	CIMAREX ENERGY COMPANY	HACKBERRY 23 FEDERAL 3H	19S	30E	24	11/4/2014	2/28/2015	22,114	39,711	24,946	257,712	750,034	488,215	E/W	2ND BSPG S			
30015427360000	COG OPERATING LIMITED LIABILITY CORP	MOSSY FEDERAL 2H	20S	29E	12	1/9/2015	4/12/2015	8,738	19,124	55,312	87,569	285,524	413,580	E/W	2ND BSPG S			
30015427350000	COG OPERATING LIMITED LIABILITY CORP	MOSSY FEDERAL 1H	20S	29E	12	12/7/2014	6/8/2015	9,261	12,944	32,406	81,830	148,625	312,241	E/W	2ND BSPG S			
30015425690000	CHI OPERATING INCORPORATED	FREEWAY FEDERAL COM 2H	19S	30E	30	10/10/2014	9/18/2015	4,320	8,708	6,872	48,946	105,363	88,790	E/W	2ND BSPG S			
30015432270000	COG OPERATING LIMITED LIABILITY CORP	SOLUTION FEDERAL COM 3H	20S	30E	5	8/2/2015	10/4/2015	18,118	23,741	42,904	99,094	334,810	330,443	N/S	2ND BSPG S			
30015431580000	COG OPERATING LIMITED LIABILITY CORP	CRAPSHOOT 13 FEDERAL 2H	20S	29E	24	6/8/2015	11/15/2015	11,898	27,677	38,388	90,851	357,097	406,449	N/S	2ND BSPG S			
30015438560000	CIMAREX ENERGY COMPANY	HACKBERRY 26 FEDERAL 001H	19S	30E	26	4/15/2017	7/17/2017	31,351	50,333	40,247	220,930	523,971	385,190	E/W	2ND BSPG S			
30015438570000	CIMAREX ENERGY COMPANY	HACKBERRY 26 FEDERAL 002H	19S	30E	26	3/4/2017	7/22/2017	33,686	57,130	51,309	266,393	601,783	411,196	E/W	2ND BSPG S			
30015440990000	MATADOR PRODUCTION COMPANY	HEYCO STATE 122H	20S	30E	32	4/16/2017	8/8/2017	6,048	24,622	30,436	24,735	103,329	137,583	N/S	2ND BSPG S			
30015440830000	MATADOR PRODUCTION COMPANY	HEYCO STATE 121H	20S	30E	32	4/18/2017	8/8/2017	4,851	20,126									

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (505) 334-0720
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 RED HORNET FED COM			⁶ Well Number 501H
⁷ OGRID No. 325830		⁸ Operator Name ASCENT ENERGY			⁹ Elevation 3,5048'

¹⁰ Surface Location

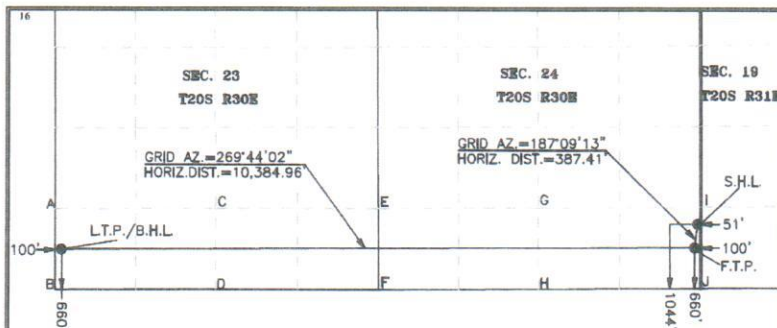
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	24	20 S	30 E		1,044	SOUTH	51	EAST	EDDY

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
M	23	20 S	30 E		660	SOUTH	100	WEST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
-------------------------------	-------------------------------	----------------------------------	-------------------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



GEODETTIC COORDINATES		FIRST TAKE POINT	
NAD 83 NME		NAD 83 NME	
SURFACE LOCATION		SURFACE LOCATION	
Y = 565,678.8		Y = 565,294.4	
X = 669,530.1		X = 669,481.8	
LAT. = 32.554419°N		LAT. = 32.553363°N	
LONG. = 103.917271°W		LONG. = 103.917433°W	
LAST TAKE POINT/BOTTOM HOLE LOCATION		LAST TAKE POINT/BOTTOM HOLE LOCATION	
NAD 83 NME		NAD 27 NME	
SURFACE LOCATION		SURFACE LOCATION	
Y = 565,246.2		Y = 565,232.8	
X = 659,097.0		X = 628,302.0	
LAT. = 32.553337°N		LAT. = 32.553243°N	
LONG. = 103.951137°W		LONG. = 103.916931°W	
CORNER COORDINATES TABLE		CORNER COORDINATES TABLE	
NAD 83 NME		NAD 27 NME	
A - Y = 565,906.8 N, X = 658,995.5 E		A - Y = 565,845.2 N, X = 617,815.8 E	
B - Y = 564,585.8 N, X = 658,998.5 E		B - Y = 564,524.2 N, X = 617,818.7 E	
C - Y = 565,914.8 N, X = 661,647.5 E		C - Y = 565,853.2 N, X = 620,467.7 E	
D - Y = 564,594.7 N, X = 661,651.8 E		D - Y = 564,533.1 N, X = 620,472.0 E	
E - Y = 565,917.4 N, X = 664,300.5 E		E - Y = 565,855.8 N, X = 623,130.7 E	
F - Y = 564,592.9 N, X = 664,309.9 E		F - Y = 564,531.3 N, X = 623,130.1 E	
G - Y = 565,935.2 N, X = 666,938.6 E		G - Y = 565,873.6 N, X = 625,758.8 E	
H - Y = 564,614.1 N, X = 666,944.2 E		H - Y = 564,552.5 N, X = 625,764.4 E	
I - Y = 565,953.0 N, X = 669,580.5 E		I - Y = 565,891.4 N, X = 628,400.7 E	
J - Y = 564,635.2 N, X = 669,583.1 E		J - Y = 564,573.6 N, X = 628,403.3 E	

17 OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or 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.

01-08-2019
Date of Survey _____

Signature and Seal of Professional Surveyor: _____

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

MARK DILLON HARP 23786
Certificate Number RR 2018051336

Ascent Energy, LLC	
Case No.	Exhibit
RED HORNET FED COM 501H C-102 Well Plat	
Jan 8, 2019	

3rd Bone Spring Sand

- S2 S2
- Red Hornet Fed Com 601H
 - N2 S2
- Red Hornet Fed Com 602H

ATTACHMENT

B



DELAWARE BASIN

3RD Bone Spring Sand Structure Map
Peak Month Oil Prod Bubbles

3 BSPG S_Wells_BS Permits_Wells w/ Logs

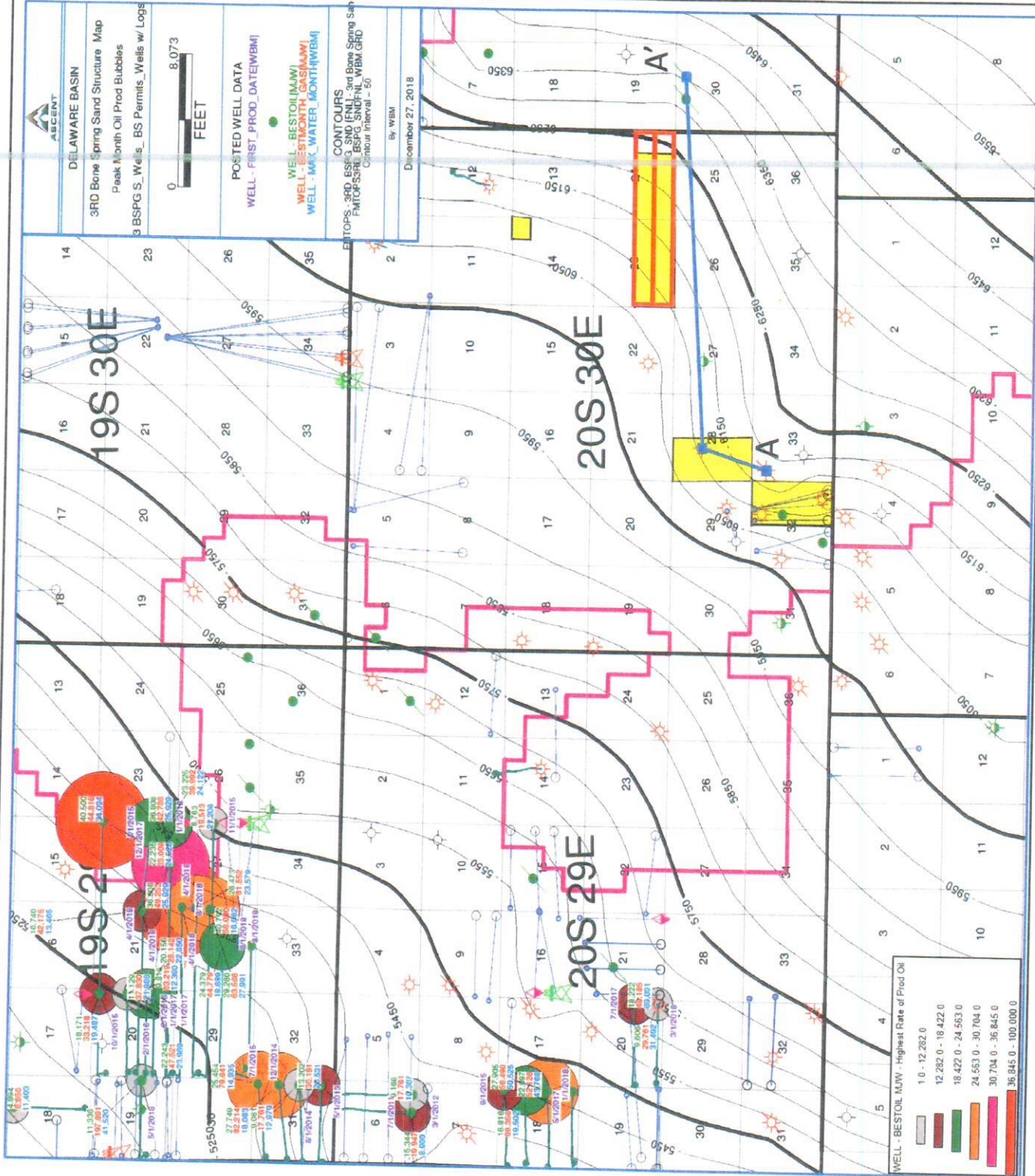


POSTED WELL DATA
WELL - FIRST_PROD_DATE[WBM]

WELL - BESTOIL[MAM]
WELL - BESTMONTH[CASHMAM]
WELL - MAX_WATER_MONTH[WBM]

CONTOURS
ENTOPS_3RD_BS[3_SND_FNL] 3rd Bone Spring Sand
FINTOPS[3RD_BS[3_SND_FNL] WBM GRD
Contour Interval - 50

By WBM
December 27, 2018



320 Acre Horizontal Spacing Units



Treated Well

Well at TD

Well Spud

Ascent Energy, LLC

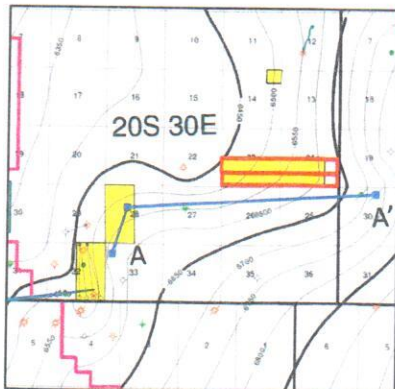
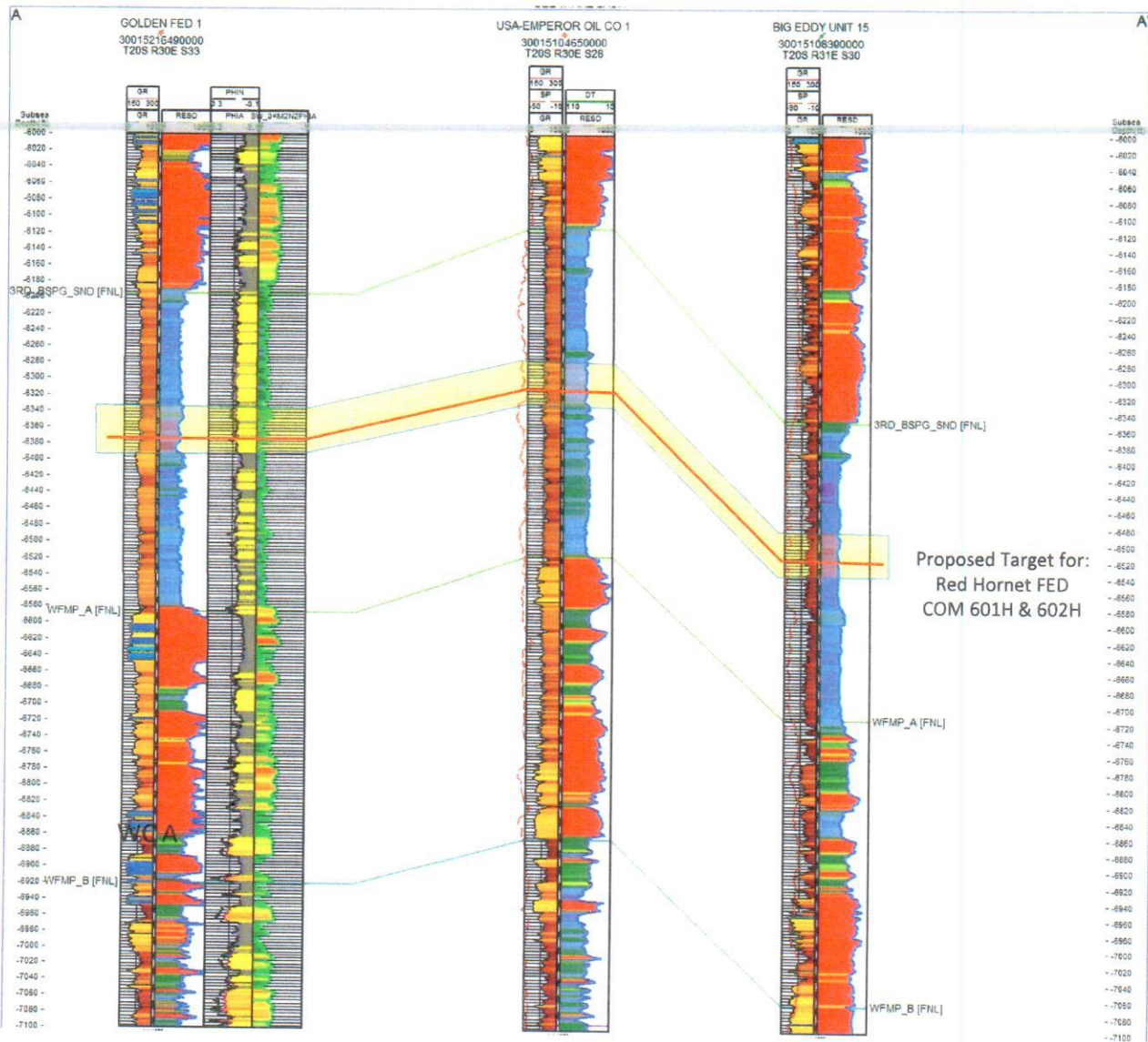


Case No. **Exhibit**

3rd Bone Spring Sand Structure
Producing 3rd Bone Spring Sand Wells &
Bone Spring Permits

CI = 50'

Dec 27, 2018



Ascent Energy, LLC	
Case No.	Exhibit
Cross Section across 3 RD Bone Spring Sand	
Dec 27, 2018	

Offset 3rd Bone Spring Sand Production Table

UWI (API#)	Operator	Well Label	Township	Range	Section	SPOD DATE	COMP DATE	IP OIL	IP GAS	IP WTR	PEAK MONTH OIL	PEAK MONTH GAS	PEAK MONTH WATER	6 MONTH CUM OIL	6 MONTH CUM GAS	6 MONTH CUM WATER	CUM OIL	CUM GAS	CUM WTR	LATERAL	HOR. ZONE
3001538250000	COG OPERATING LIMITED LIABILITY CORP	PHANTOM 18 STATE 2H	19S	29E	18	12/23/2010	6/21/2011	229	584	402	4,894	8,956	11,403	16,594	37,747	37,865	62,321	242,965	115,261	NS	3RD BSGS
3001537198000	MEMBOURNE OIL COMPANY	RUGER 6 FEDERAL COM 3H	20S	29E	6	4/15/2011	7/14/2011	712	707	960	15,344	19,947	8,900	44,093	90,028	21,083	119,108	466,239	69,079	NS	3RD BSGS
3001539686000	MEMBOURNE OIL COMPANY	RUGER 6 FEDERAL CO 4H	20S	29E	6	1/24/2012	3/25/2012	319	340	1,780	9,168	17,761	10,307	27,263	56,999	23,713	79,025	223,656	68,019	NS	3RD BSGS
3001540241000	MEMBOURNE OIL COMPANY	RUGER 31 MP FEDERAL 1H	19S	29E	31	2/28/2013	5/10/2013	440	639	1,214	13,202	30,191	20,531	45,463	150,933	47,788	102,671	580,118	122,096	EW	3RD BSGS
3001541679000	MEMBOURNE OIL COMPANY	RUGER 31 U FEDERAL 1H	19S	29E	31	6/17/2014	8/24/2014	557	799	1,220	9,061	17,761	12,979	38,873	80,124	46,359	77,502	300,271	94,411	EW	3RD BSGS
3001542595000	MEMBOURNE OIL COMPANY	RUGER 31 BSEH FEDERAL 2H	19S	29E	31	10/6/2014	12/13/2014	400	502	1,705	27,749	82,214	18,063	97,133	382,823	65,790	193,184	902,164	166,256	EW	3RD BSGS
3001542800100	DEVON ENERGY PRODUCTION COMPANY L P	DIAMOND PMU 22 11H	19S	29E	21	3/4/2015	5/8/2015	764	1,002	704	22,225	33,008	24,528	81,880	144,050	98,633	267,608	677,525	416,131	EW	3RD BSGS
3001543363000	MEMBOURNE OIL COMPANY	RUGER 31 B3DA FEDERAL 2H	19S	29E	31	5/5/2015	7/30/2015	560	937	2,137	25,454	79,641	14,935	94,798	189,469	48,463	248,709	1,243,399	174,221	EW	3RD BSGS
3001542965000	MEMBOURNE OIL COMPANY	DERRINGER 18 B3DA FE 2H	20S	29E	18	7/9/2015	9/10/2015	744	977	1,831	16,816	69,356	19,502	72,904	239,074	65,116	203,408	1,059,402	287,181	EW	3RD BSGS
3001543720000	DEVON ENERGY PRODUCTION COMPANY L P	EMERALD PMU 20 9H	19S	29E	20	8/14/2015	10/26/2015	686	738	851	18,171	33,218	19,487	76,122	156,446	69,916	231,171	578,652	142,970	EW	3RD BSGS
3001543322000	DEVON ENERGY PRODUCTION COMPANY L P	TURQUOSE PMU 27 10H	19S	29E	28	9/18/2015	12/6/2015	338	793	1,228	8,763	18,513	21,208	32,898	70,505	102,366	88,577	187,829	229,009	EW	3RD BSGS
3001543322000	DEVON ENERGY PRODUCTION COMPANY L P	EMERALD PMU 20 10H	19S	29E	20	9/17/2015	2/13/2016	1,256	812	717	11,129	37,830	21,886	49,707	144,906	56,640	142,004	536,901	222,462	EW	3RD BSGS
3001543382000	DEVON ENERGY PRODUCTION COMPANY L P	EMERALD PMU 20 66H	19S	29E	20	10/8/2015	2/21/2016	727	1,037	634	20,156	28,142	22,850	62,895	127,711	57,845	169,977	424,150	239,811	EW	3RD BSGS
3001543371000	DEVON ENERGY PRODUCTION COMPANY L P	EMERALD PMU 20 11H	19S	29E	20	10/15/2015	1/24/2017	297	335	495	9,816	63,219	12,390	37,397	228,899	61,799	71,820	507,021	120,682	EW	3RD BSGS
3001543372000	DEVON ENERGY PRODUCTION COMPANY L P	EMERALD PMU 20 62H	19S	29E	20	10/29/2015	1/24/2017	478	311	1,065	22,243	47,521	23,969	82,068	206,013	77,142	149,870	485,675	171,296	EW	3RD BSGS
3001543578000	MEMBOURNE OIL COMPANY	DERRINGER 18 B3EH FE 002H	20S	29E	18	2/15/2017	5/24/2017	411	723	2,553	22,097	52,126	43,768	82,363	245,715	145,767	146,420	408,087	263,136	EW	3RD BSGS
3001544183000	MATADOR PRODUCTION COMPANY	STEBBINS 20 FEDERAL 133H	20S	29E	20	5/17/2017	7/14/2017	845	2,413	3,234	18,222	49,185	69,001	45,534	131,553	180,370	74,767	231,437	252,497	EW	3RD BSGS
3001544070000	DEVON ENERGY PRODUCTION COMPANY L P	EMERALD PMU 20 22 012H	19S	29E	20	7/9/2017	9/15/2017	1,320	2,088	816	36,808	49,253	25,929	152,963	239,260	105,230	172,088	281,011	105,230	EW	3RD BSGS
3001544175000	MATADOR PRODUCTION COMPANY	STEBBINS 20 FEDERAL 134H	20S	29E	20	8/31/2017	11/8/2017	647	1,254	3,120	9,606	29,761	31,492	39,375	138,163	130,624	41,178	143,137	135,713	EW	3RD BSGS
3001544101000	DEVON ENERGY PRODUCTION COMPANY L P	AGATE PMU 21 22 062H	19S	29E	20	7/15/2017	Est. 1/1/2018	1,319	1,950	743	23,225	39,992	24,122	93,545	132,572	79,206	126,651	211,776	121,661	EW	3RD BSGS
3001544431000	MEMBOURNE OIL COMPANY	DERRINGER 18 B3U FE 2H	20S	29E	18	9/17/2017	1/6/2018	872	1,664	2,900	27,905	56,490	50,525	129,181	294,723	198,521	150,081	362,195	232,282	EW	3RD BSGS
3001544116000	DEVON ENERGY PRODUCTION COMPANY L P	AGATE PMU 21 22 009H	19S	29E	20	5/19/2017	1/16/2018	1,186	2,542	1,509	40,500	44,816	34,094	135,543	190,819	102,066	187,789	308,685	151,750	EW	3RD BSGS
3001544200000	DEVON ENERGY PRODUCTION COMPANY L P	AGATE PWA 21 011H	19S	29E	20	6/20/2017	1/31/2018	1,056	2,232	720	16,740	42,175	13,465	69,331	224,221	58,866	76,599	261,568	63,333	EW	3RD BSGS
30015440970100	DEVON ENERGY PRODUCTION COMPANY L P	EMERALD PMU 20 22 012H	19S	29E	20	9/22/2017	4/15/2018	1,320	2,088	816	36,808	42,766	25,929	152,963	239,260	90,482	177,088	281,011	105,230	EW	3RD BSGS
3001544098000	DEVON ENERGY PRODUCTION COMPANY L P	ONIX PMU 29-28 009H	19S	29E	29	9/6/2017	4/21/2018	1,008	2,088	1,320	40,792	58,030	16,062	131,814	217,883	75,400	145,250	250,485	75,400	EW	3RD BSGS
3001544372000	DEVON ENERGY PRODUCTION COMPANY L P	ONIX PMU 29-28 011H	19S	29E	29	11/29/2017	5/5/2018	1,899	2,820	904	24,379	44,779	18,689	3 Months	3 Months	3 Months	57,808	122,602	47,636	EW	3RD BSGS
3001544362000	DEVON ENERGY PRODUCTION COMPANY L P	ONIX PMU 29-28 061H	19S	29E	29	8/24/2017	5/26/2018	1,464	2,664	1,080	26,473	61,552	23,579	3 Months	3 Months	3 Months	67,676	171,151	63,990	EW	3RD BSGS
3001544363000	DEVON ENERGY PRODUCTION COMPANY L P	ONIX PMU 29-28 010H	19S	29E	29	8/25/2017	5/26/2018	1,464	2,664	1,080	29,260	63,566	27,991	3 Months	3 Months	3 Months	72,737	174,898	73,849	EW	3RD BSGS
3001544688000	MATADOR PRODUCTION COMPANY	MARBOB 19 STATE COM 133H	19S	29E	19	3/28/2018	5/29/2018	555	1,175	1,385	11,336	197,691	41,520	37,370	279,850	120,469	37,370	279,850	120,469	EW	3RD BSGS
3001543555000	DEVON ENERGY PROOD	ONIX PMU 29 28 012H	19S	29E	29	11/18/2017	9/6/2018	1,178	1,776	980	24,718	58,805	19,340	2 Months	2 Months	2 Months	47,496	105,939	34,129	EW	3RD BSGS
3001544816000	MEMBOURNE OIL CO	DERRINGER 18 B3MP FE 002H	20S	29E	18	4/20/2018	9/8/2018	433	1,094	2,290	24,718	47,862	43,324	2 Months	2 Months	2 Months	44,286	85,031	93,604	EW	3RD BSGS



Ascent Energy, LLC

Case No. **Exhibit**

3rd Bone Spring Sand Production Data Table

Jan 2, 2019

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

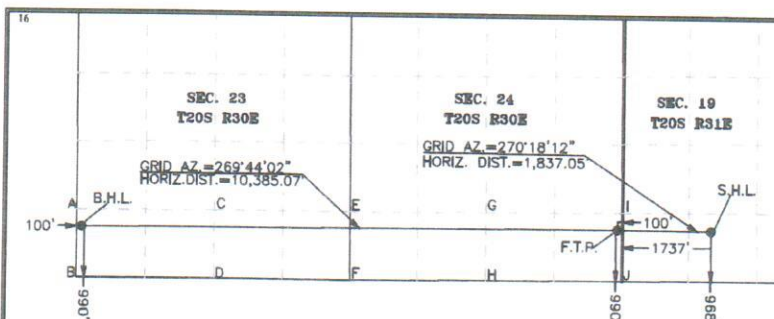
¹ API Number	² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name RED HORNET FED COM	
⁷ OGRID No. 325830	⁸ Operator Name ASCENT ENERGY	⁶ Well Number 601H ⁹ Elevation 3,534'

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
N	19	20 S	31 E		968	SOUTH	1,737	WEST	EDDY

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
M	23	20 S	30 E		990	SOUTH	100	WEST	EDDY

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 83 NME
SURFACE LOCATION
Y = 565,614.7
X = 671,318.2
LAT = 32.554223°N
LONG = 103.911469°W

FIRST TAKE POINT
NAD 83 NME
Y = 565,624.4
X = 669,481.2
LAT = 32.554270°N
LONG = 103.917431°W

LAST TAKE POINT/BOTTOM HOLE LOCATION
NAD 83 NME
Y = 565,576.2
X = 659,096.2
LAT = 32.554244°N
LONG = 103.951136°W

CORNER COORDINATES TABLE

NAD 83 NME
A - Y = 565,906.8 N, X = 658,995.5 E
B - Y = 564,585.8 N, X = 658,998.5 E
C - Y = 565,914.8 N, X = 661,647.5 E
D - Y = 564,594.7 N, X = 661,651.8 E
E - Y = 565,917.4 N, X = 664,300.5 E
F - Y = 564,592.9 N, X = 664,309.9 E
G - Y = 565,935.2 N, X = 666,938.6 E
H - Y = 564,614.1 N, X = 666,944.2 E
I - Y = 565,953.0 N, X = 669,580.5 E
J - Y = 564,635.2 N, X = 669,583.1 E

GEODETIC COORDINATES

NAD 27 NME
SURFACE LOCATION
Y = 565,553.1
X = 630,138.4
LAT = 32.554104°N
LONG = 103.910967°W

FIRST TAKE POINT
NAD 27 NME
Y = 565,562.8
X = 628,301.4
LAT = 32.554150°N
LONG = 103.916928°W

LAST TAKE POINT/BOTTOM HOLE LOCATION
NAD 27 NME
Y = 565,514.6
X = 617,916.4
LAT = 32.554125°N
LONG = 103.950633°W

CORNER COORDINATES TABLE

NAD 27 NME
A - Y = 565,845.2 N, X = 617,815.8 E
B - Y = 564,524.2 N, X = 617,818.7 E
C - Y = 565,853.2 N, X = 620,467.7 E
D - Y = 564,533.1 N, X = 620,472.0 E
E - Y = 565,855.8 N, X = 623,120.7 E
F - Y = 564,531.3 N, X = 623,130.1 E
G - Y = 565,873.6 N, X = 625,758.8 E
H - Y = 564,552.5 N, X = 625,764.4 E
I - Y = 564,891.4 N, X = 628,400.7 E
J - Y = 564,573.6 N, X = 628,403.3 E

¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unless 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.

01-08-2019
Date of Survey

Signature and Seal of
Professional Surveyor:

PRELIMINARY: THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR REPRODUCED UPON AS A FINAL SURVEY DOCUMENT

MARK DILLON HARP 23786

Certificate Number RR 2018051335

Ascent Energy, LLC



Case No. **Exhibit**

RED HORNET FED COM 601H
C-102 Well Plat

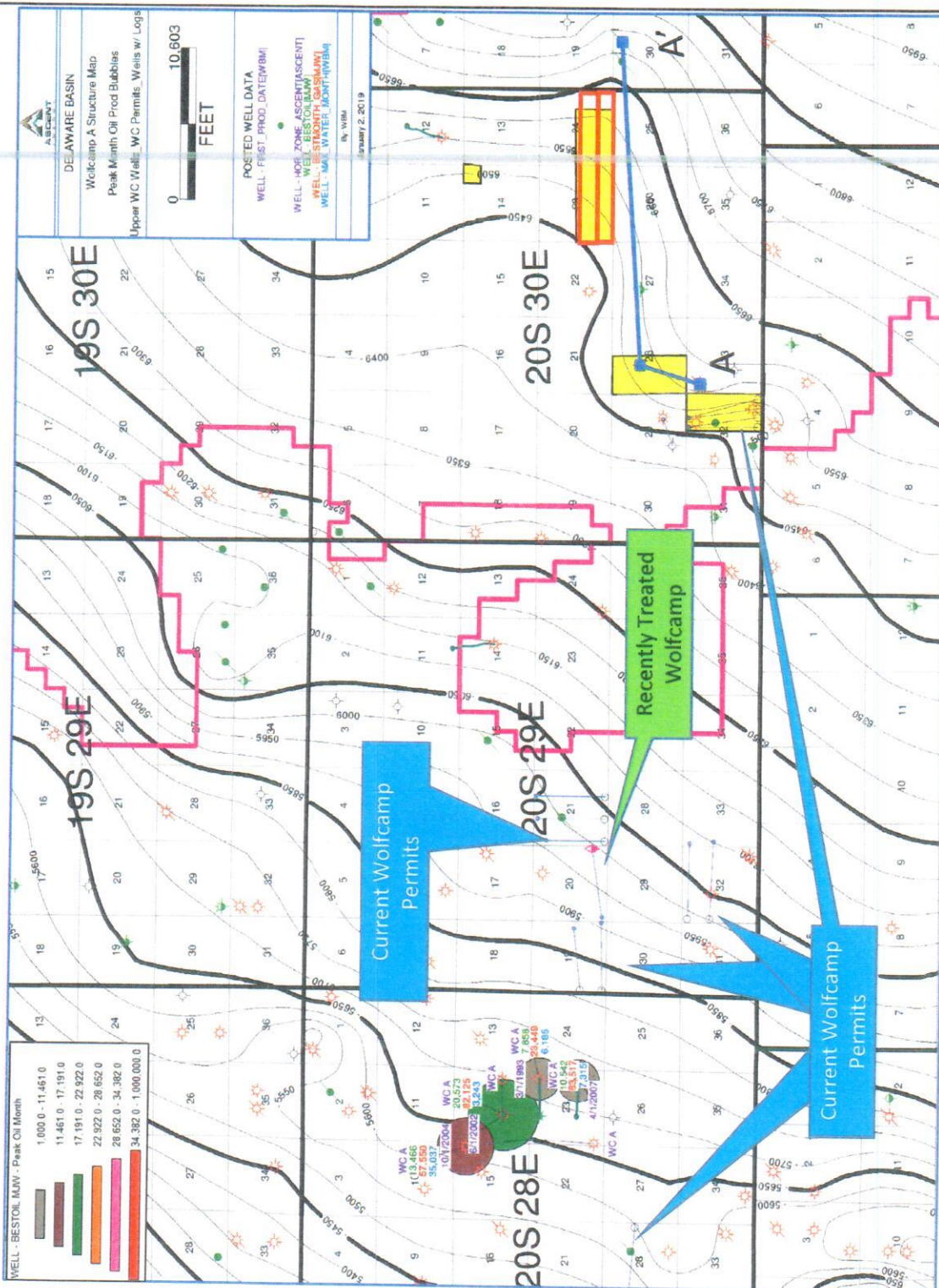
Jan 8, 2019

Wolfcamp

- S2 S2
- Red Hornet Fed Com 701H
 - N2 S2
- Red Hornet Fed Com 702H

ATTACHMENT

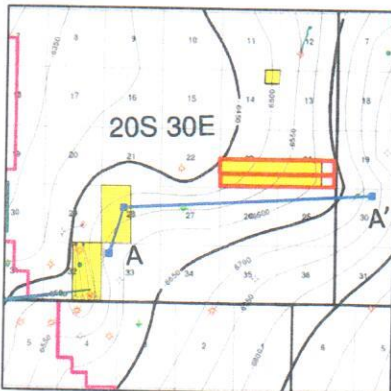
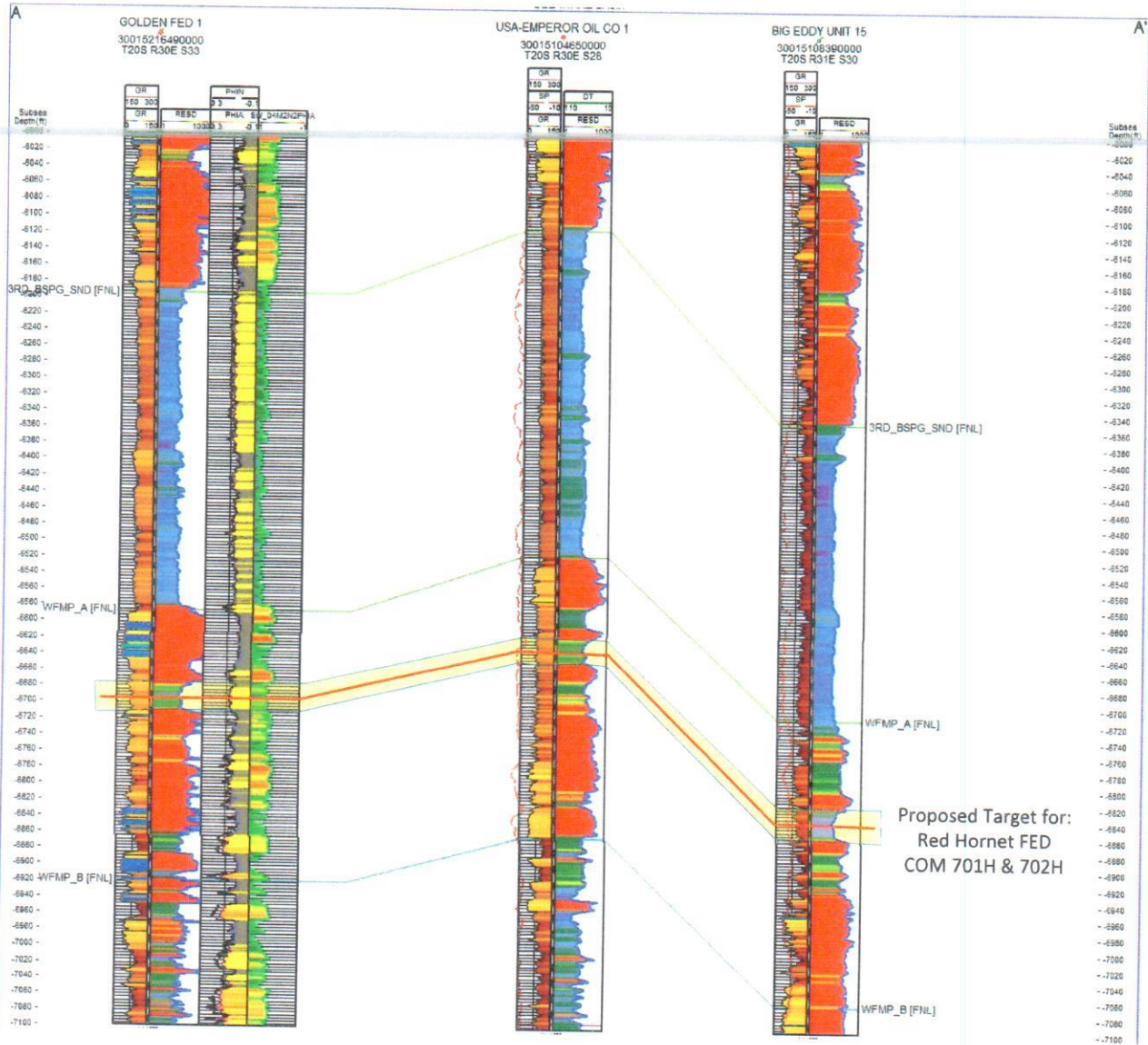
C



320 Acre Horizontal Spacing Units

-  Treated Well
-  Well at TD
-  Well Spud

Ascent Energy, LLC	
Case No.	Exhibit
Wolfcamp A Structure Producing Wolfcamp XY Sand and Wolfcamp A Wells & Wolfcamp Permits	
CI = 50'	Jan 2, 2019



Ascent Energy, LLC	
Case No.	Exhibit
Cross Section across Wolfcamp A	
Dec 27, 2018	

Offset Wolfcamp Production Table

UWI (API Num)	Operator	Well Label	Township	Range	Section	SPUD_DATE	COMP_DATE	PEAK OIL MONTH	PEAK GAS MONTH	PEAK WATER MONTH	CUM OIL BO	CUM GAS MCF	CUM WTR BW	LATE AL AZIM/JTH	HOR_ZONE
30015212420100	OXY USA WTP LP	GOVERNMENT Z COM 1	20S	28E	23	12/15/2006	5/10/2007	10,542	83,517	7,315	100,478	419,072	202,662	E/W	WC A
30015212860100	OXY USA WTP LP	GOVERNMENT AA COM 1	20S	28E	23	11/7/2006	2/19/2007	7,858	23,449	6,185	88,954	692,746	134,822	E/W	WC A
30015332830000	OXY USA WTP LP	GOVERNMENT AA COM 2	20S	28E	23	4/23/2004	11/15/2004	13,466	57,550	35,037	195,262	4,907,422	50,234	N/S	WC A
30015208710002	OXY USA WTP LP	GOVERNMENT R COM 1H	20S	28E	14	5/15/2002	7/3/2002	20,573	82,125	3,243	84,597	1,142,886	32,711	E/W	WC A
30015441770000	MATADOR	STEBBINS 20 FEDERAL 204H	20S	29E	20	8/25/2018	NR	NR	NR	NR	NR	NR	NR		

Ascent Energy, LLC



Case No.

Exhibit

Wolfcamp XY Sand & Wolfcamp
A Shale Production Data Table

Dec 27, 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) 334-6179
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 RED HORNET FED COM			⁶ Well Number 701H
⁷ OGRID No. 325830		⁸ Operator Name ASCENT ENERGY			⁹ Elevation 3,535'
¹⁰ Surface Location					
UL or lot no. N	Section 19	Township 20 S	Range 31 E	Lot Idn	Feet from the 938
					North/South line SOUTH
					Feet from the 1,737
					East/West line WEST
					County EDDY
¹¹ Bottom Hole Location If Different From Surface					
UL or lot no. M	Section 23	Township 20 S	Range 30 E	Lot Idn	Feet from the 330
					North/South line SOUTH
					Feet from the 100
					East/West line WEST
					County EDDY
¹² Dedicated Acres		¹³ Joint or Infill		¹⁴ Consolidation Code	¹⁵ Order No.

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>¹⁶</p>		<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p>
<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>01-08-2019 Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor: _____</p> <p>PRELIMINARY. THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR RELIED UPON AS A FINAL SURVEY DOCUMENT.</p> <p>MARK DILLON HARP 23786 Certificate Number _____ RR 2018123071</p>		

Ascent Energy, LLC



Case No. Exhibit

RED HORNET FED COM 701H
C-102 Well Plat

Jan 8, 2019