

CASE NOS. 21505 and 21506

**APPLICATIONS OF ASCENT ENERGY, LLC COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO**

EXHIBITS

1. Applications and Proposed Ads
2. Landman's Affidavit
- 3A. Geologist's Affidavit – Case 21505
- 3B. Geologist's Affidavit – Case 21506
4. Affidavit of Notice
5. Pooling Checklist (Case No. 21505)
6. Pooling Checklist (Case No. 21506)

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

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

Case No. 21505

APPLICATION

Ascent Energy, LLC applies for an order pooling all mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of Lot 4, SW $\frac{1}{4}$ NW $\frac{1}{4}$, and W $\frac{1}{2}$ SW $\frac{1}{4}$ (the W $\frac{1}{2}$ W $\frac{1}{2}$) of Section 4 and the W $\frac{1}{2}$ W $\frac{1}{2}$ of Section 9, Township 20 South, Range 33 East, N.M.P.M., Lea County, New Mexico, and in support thereof, states:

1. Applicant is an interest owner in the W $\frac{1}{2}$ W $\frac{1}{2}$ of Section 4 and the W $\frac{1}{2}$ W $\frac{1}{2}$ of Section 9, and has the right to drill a well or wells thereon.
2. Applicant proposes to drill the following wells to test the Bone Spring formation:
 - (a) The Silver Fed. Com. Well No. 501H;
 - (b) The Silver Fed. Com. Well No. 502H, and
 - (c) The Silver Fed. Com. Well No. 601H.

The wells are horizontal wells, with first take points in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 9 and final take points in Lot 4 of Section 4. Applicant will dedicate the W $\frac{1}{2}$ W $\frac{1}{2}$ of Section 4 and the W $\frac{1}{2}$ W $\frac{1}{2}$ of Section 9 to the wells.

3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the Bone Spring formation underlying the W $\frac{1}{2}$ W $\frac{1}{2}$ of Section 4 and the W $\frac{1}{2}$ W $\frac{1}{2}$ of Section 9 for the purposes set forth herein.

4. Although applicant attempted to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the wells or to otherwise commit their interests to the wells, certain interest owners have failed or refused to join in dedicating their interests.

EXHIBIT /

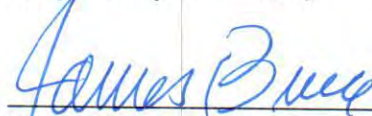
Therefore, applicant seeks an order pooling all mineral interest owners in the Bone Spring formation underlying the $W\frac{1}{2}W\frac{1}{2}$ of Section 4 and the $W\frac{1}{2}W\frac{1}{2}$ of Section 9 pursuant to NMSA 1978 §70-2-17.

5. The pooling of all mineral interest owners in the Bone Spring formation underlying the $W\frac{1}{2}W\frac{1}{2}$ of Section 4 and the $W\frac{1}{2}W\frac{1}{2}$ of Section 9 will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

WHEREFORE, applicant requests that, after notice and hearing, the Division enter its order:

- A. Pooling all mineral interest owners in the Bone Spring formation underlying the $W\frac{1}{2}W\frac{1}{2}$ of Section 4 and the $W\frac{1}{2}W\frac{1}{2}$ of Section 9;
- B. Designating applicant as operator of the wells;
- C. Considering the cost of drilling, completing, and equipping the wells, and allocating the cost among the wells' working interest owners;
- D. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- E. Setting a 200% charge for the risk involved in drilling, completing, and equipping the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,



James Bruce
Post Office Box 1056
Santa Fe, New Mexico 87504
(505) 982-2043

Attorney for Ascent Energy, LLC

Case No. _____:

Application of Ascent Energy, LLC for compulsory pooling, Lea County, New Mexico.
Applicant seeks an order pooling all mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of Lot 4, SW/4NW/4, and W/2SW/4 (the W/2W/2) of Section 4 and the W/2W/2 of Section 9, Township 20 South, Range 33 East, NMPM. The unit will be dedicated to the Silver Fed. Com. Well Nos. 501H, 502H, and 601H, with first take points in the SW/4SW/4 of Section 9 and last take points in Lot 4 of Section 4. Also to be considered will be the cost of drilling and completing the wells and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells, and a 200% charge for the risk involved in drilling, completing, and equipping the wells. The unit is located approximately 5-1/2 miles northeast of Halfway, New Mexico.

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

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

Case No. 21506

APPLICATION

Ascent Energy, LLC applies for an order pooling all mineral interest owners in the Wolfcamp formation underlying a horizontal spacing unit comprised of Lot 4, SW $\frac{1}{4}$ NW $\frac{1}{4}$, and W $\frac{1}{2}$ SW $\frac{1}{4}$ (the W $\frac{1}{2}$ W $\frac{1}{2}$) of Section 4 and the W $\frac{1}{2}$ W $\frac{1}{2}$ of Section 9, Township 20 South, Range 33 East, N.M.P.M., Lea County, New Mexico, and in support thereof, states:

1. Applicant is an interest owner in the W $\frac{1}{2}$ W $\frac{1}{2}$ of Section 4 and the W $\frac{1}{2}$ W $\frac{1}{2}$ of Section 9, and has the right to drill a well or wells thereon.

2. Applicant proposes to drill the Silver Fed. Com. Well No. 701H to test the Wolfcamp formation, with a first take point in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 9 and a final take point in Lot 4 of Section 4. Applicant will dedicate the W $\frac{1}{2}$ W $\frac{1}{2}$ of Section 4 and the W $\frac{1}{2}$ W $\frac{1}{2}$ of Section 9 to the well.

3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the Wolfcamp formation underlying the W $\frac{1}{2}$ W $\frac{1}{2}$ of Section 4 and the W $\frac{1}{2}$ W $\frac{1}{2}$ of Section 9 for the purposes set forth herein.

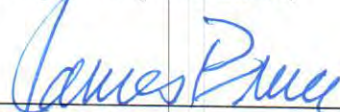
4. Although applicant attempted to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the well or to otherwise commit their interests to the well, certain interest owners have failed or refused to join in dedicating their interests. Therefore, applicant seeks an order pooling all mineral interest owners in the Wolfcamp formation underlying the W $\frac{1}{2}$ W $\frac{1}{2}$ of Section 4 and the W $\frac{1}{2}$ W $\frac{1}{2}$ of Section 9 pursuant to NMSA 1978 §70-2-17.

5. The pooling of all mineral interest owners in the Wolfcamp formation underlying the $W\frac{1}{2}W\frac{1}{2}$ of Section 4 and the $W\frac{1}{2}W\frac{1}{2}$ of Section 9 will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

WHEREFORE, applicant requests that, after notice and hearing, the Division enter its order:

- A. Pooling all mineral interest owners in the Wolfcamp formation underlying the $W\frac{1}{2}W\frac{1}{2}$ of Section 4 and the $W\frac{1}{2}W\frac{1}{2}$ of Section 9;
- B. Designating applicant as operator of the well;
- C. Considering the cost of drilling, completing, and equipping the well, and allocating the cost among the well's working interest owners;
- D. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- E. Setting a 200% charge for the risk involved in drilling, completing, and equipping the well in the event a working interest owner elects not to participate in the well.

Respectfully submitted,



James Bruce
Post Office Box 1056
Santa Fe, New Mexico 87504
(505) 982-2043

Attorney for Ascent Energy, LLC

Case No. _____:

Application of Ascent Energy, LLC for compulsory pooling, Lea County, New Mexico.

Applicant seeks an order pooling all mineral interest owners in the Wolfcamp formation underlying a horizontal spacing unit comprised of Lot 4, SW/4NW/4, and W/2SW/4 (the W/2W/2) of Section 4 and the W/2W/2 of Section 9, Township 20 South, Range 33 East, NMPM. The unit will be dedicated to the Silver Fed. Com. Well No. 701H, with a first take point in the SW/4SW/4 of Section 9 and a last take point in Lot 4 of Section 4. Also to be considered will be the cost of drilling and completing the well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a 200% charge for the risk involved in drilling, completing, and equipping the well. The unit is located approximately 5-1/2 miles northeast of Halfway, New Mexico.

**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, LEA COUNTY,
NEW MEXICO.**

Case No. 21505

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

Case No. 21506

SELF-AFFIRMED STATEMENT OF LEE ZINK

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

1. I am the Vice President of Land 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 units described below, and in wells to be drilled in the units.

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

(c) The wells are in the proposed Silver 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) Ascent seeks orders pooling all mineral interests in the following well units:

(i) In Case No. 21505 Ascent seeks to pool the Bone Spring formation underlying a horizontal spacing unit comprised of Lot 4, SW/4NW/4, and W/2SW/4 (the W/2W/2) of Section 4 and the W/2W/2 of Section 9, Township 20 South, Range

33 East, NMPM. The unit will be dedicated to the Silver Fed. Com. Well Nos. 501H, 502H, and 601H, with first take points in the SW/4SW/4 of Section 9 and last take points in Lot 4 of Section 4; and

(ii) In Case No. 21506 Ascent seeks to pool the Wolfcamp formation underlying a horizontal spacing unit comprised of Lot 4, SW/4NW/4, and W/2SW/4 (the W/2W/2) of Section 4 and the W/2W/2 of Section 9, Township 20 South, Range 33 East, NMPM. The unit will be dedicated to the Silver Fed. Com. Well No. 701H, with a first take point in the SW/4SW/4 of Section 9 and a last take point in Lot 4 of Section 4.

Forms C-102 for the wells are submitted as part of the geology testimony.

(e) There are no depth severances within either the Bone Spring formation or the Wolfcamp formation. Ownership in each formation is set forth on Attachment B.

(f) Attachment C is a sample well proposal sent to the working interest owners in the well units. Ascent has had other contacts with the interest owners. All interest owners are locatable.

(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 \$8000/month for a drilling well and \$800/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this portion of Lea County. They are also the rates set forth in the 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 wells.

(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.

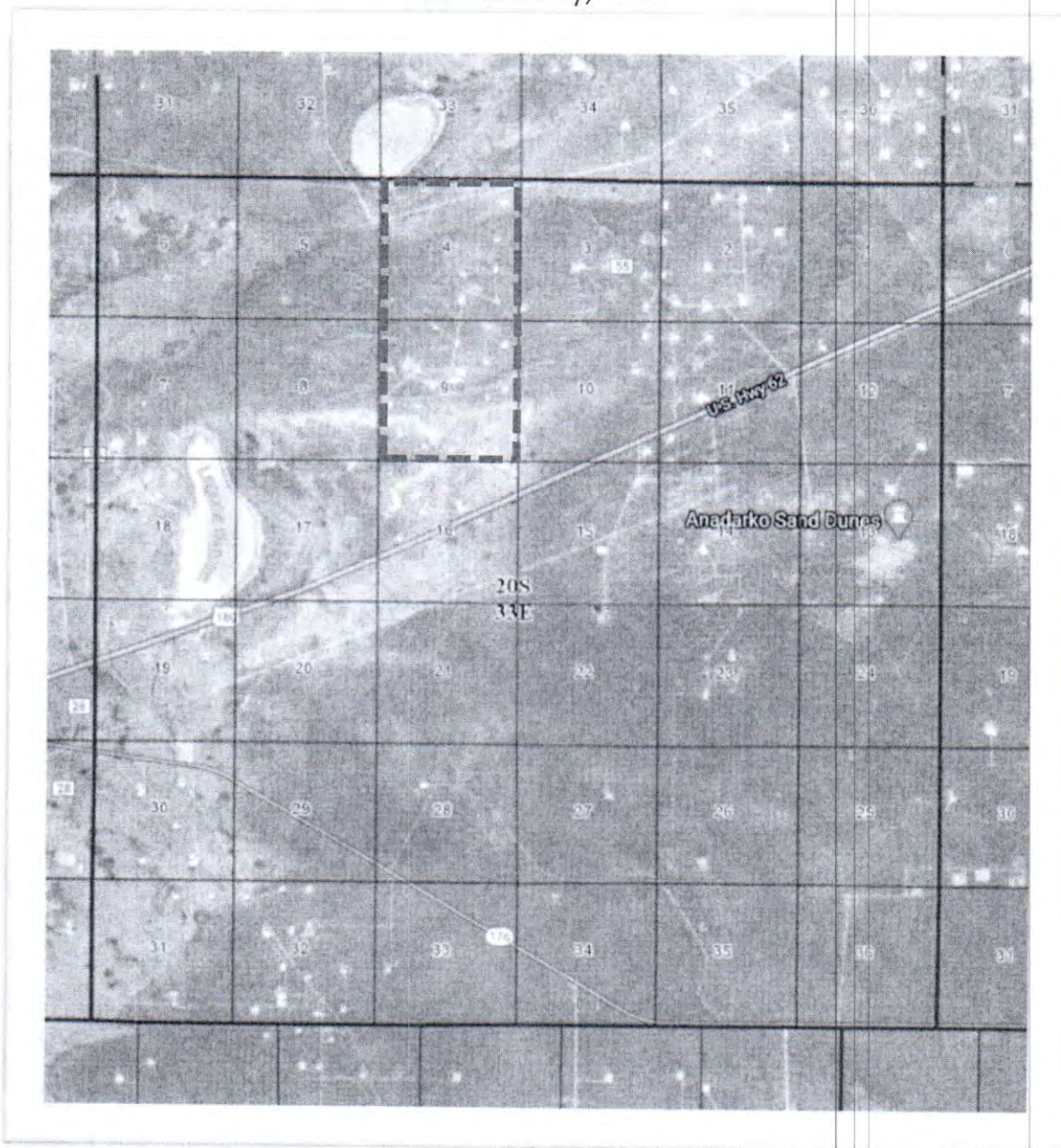
3. I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 2(n) above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: Nov. 3, 2020

A handwritten signature in dark ink, appearing to read 'Lee Zink', is written over a faint, circular official stamp.

Lee Zink

Silver Development Area
Township 20 South, Range 33 East
 Section 4: Lots 1-4, S2N2, S2
 Section 9: All
 1281.44 Gross Acres
 Lea County, NM



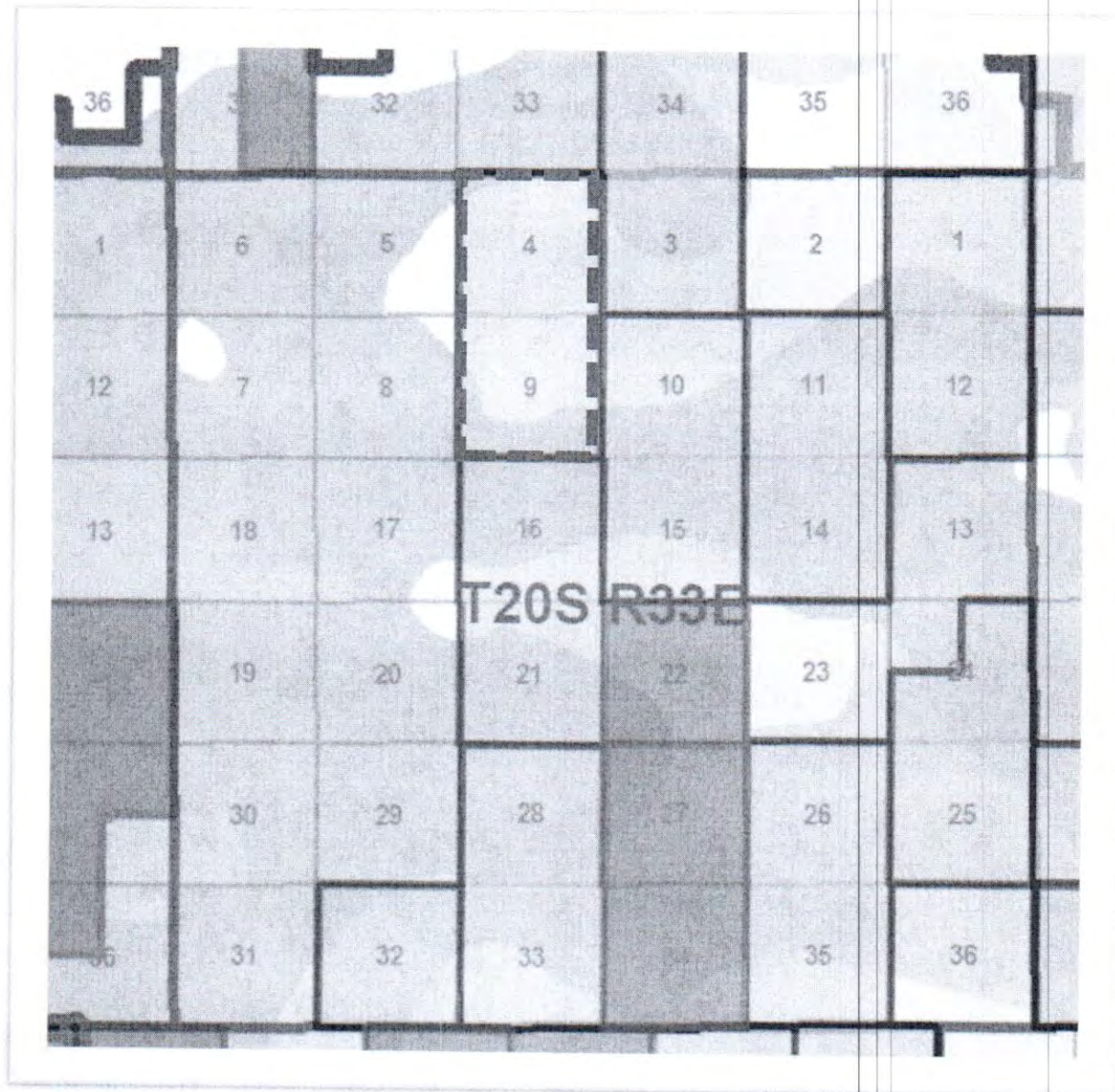
Silver Development Area

ATTACHMENT

A

Ascent Energy, LLC	
Exhibit	
Google Map T20S-R33E	
Case No. 21505 & 21506	

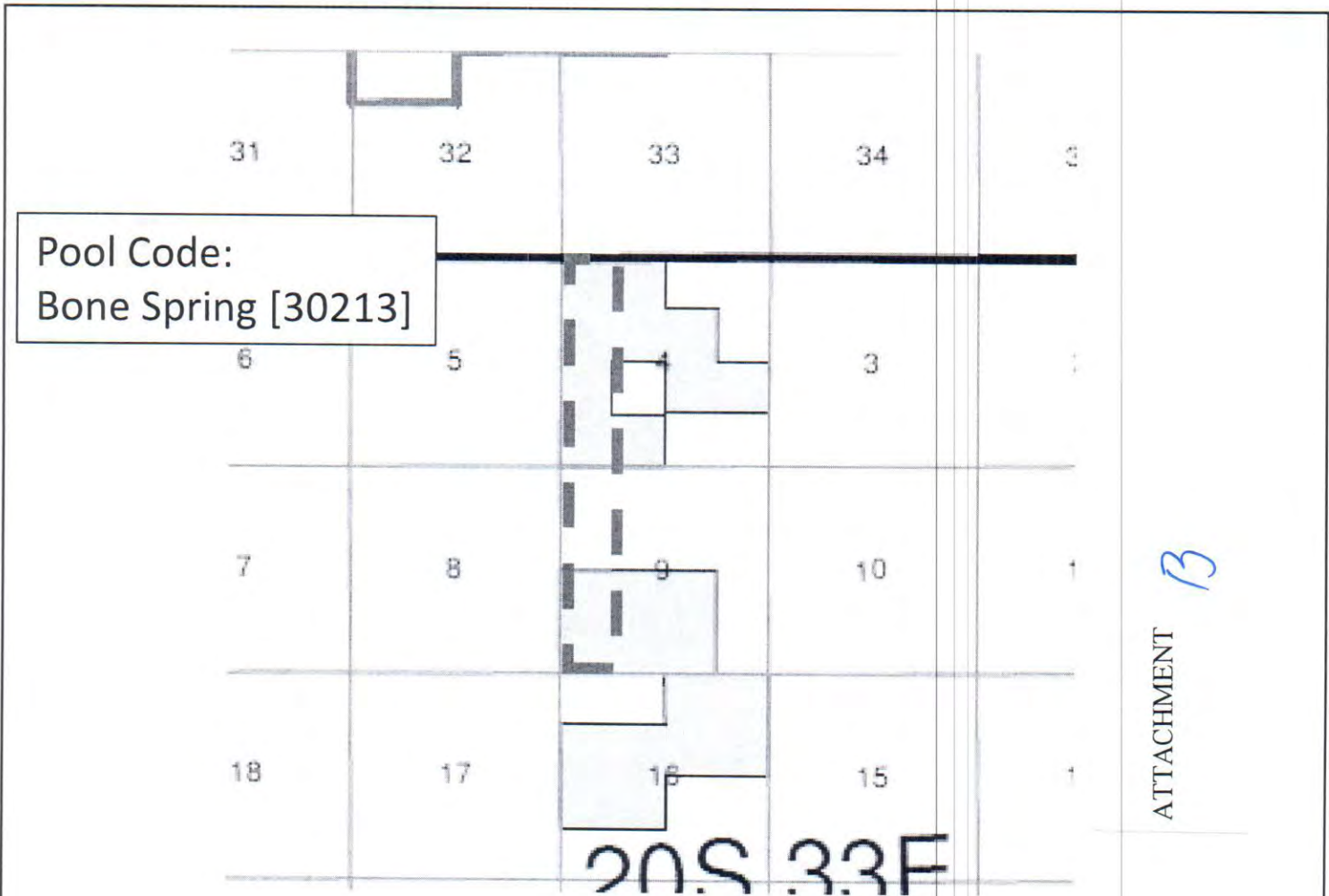
Silver Development Area
Township 20 South, Range 33 East
 Section 4: Lots 1-4, S2N2, S2
 Section 9: All
 1281.44 Gross Acres
 Lea County, NM



Silver Development Area
 Approved by BLM on 4/29/20

Ascent Energy, LLC
Exhibit
BLM Development Area Map T20S-R33E
Case No. 21505 & 21506

Township 20 South, Range 33 East
 Section 4: Lot 4, SWNW, W2SW
 Section 9: W2W2
 320.51 Gross Acres
 Lea County, NM
 Case No. 21505



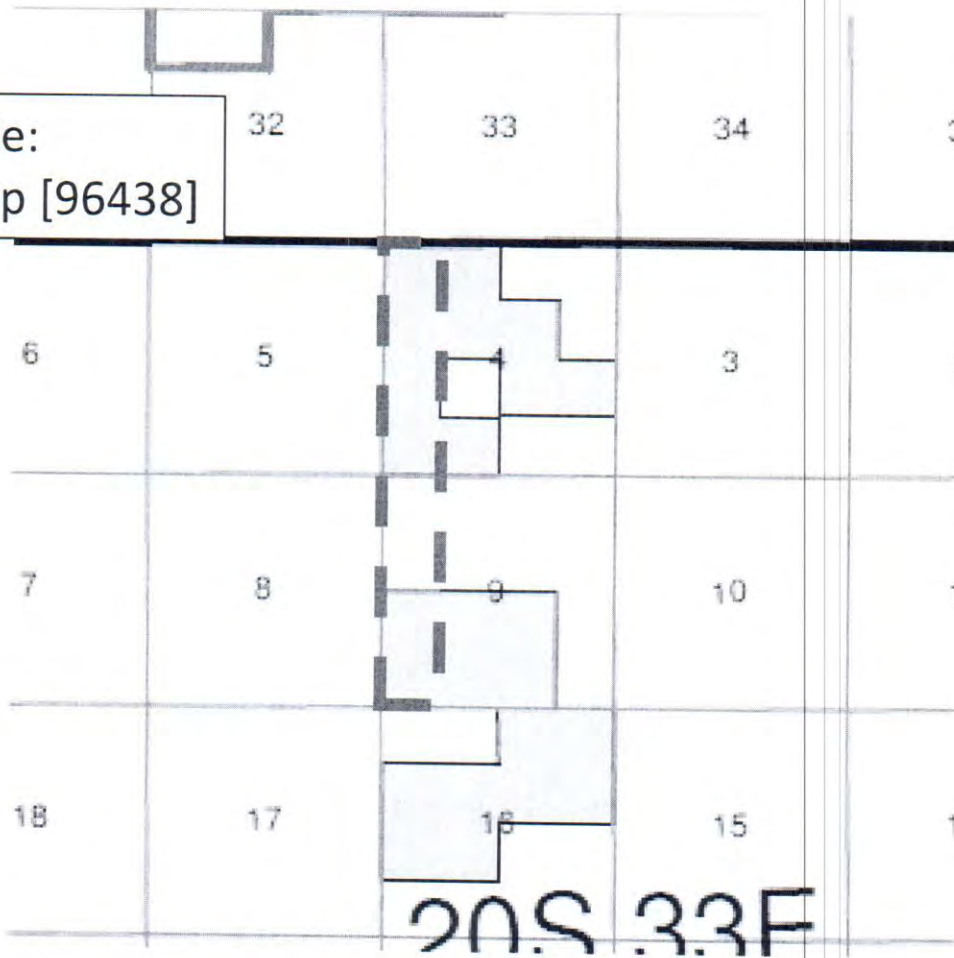
Working Interest for:	
Silver Fed Com #501H	
Silver Fed Com #502H	
Silver Fed Com #601H	
Ascent Energy LLC:	75.04%
Devon Energy Production Company, LP:	6.24%
Camterra Resources Partners, LLC:	4.16%
Jetta-X2 L.P.	4.16%
Marathon Oil Permian LLC:	10.40%
Total:	100.00%

 Pooling Unit
 Sec. 4: Lot 4, SWNW, W2SW
 Sec. 9: W2W2
 320.51 Gross Acres

Ascent Energy, LLC	
Exhibit	
Ascent Energy Pooling Unit Map Bone Spring Formation	
Case No. 21505	

Township 20 South, Range 33 East
 Section 4: Lot 4, SWNW, W2SW
 Section 9: W2W2
 320.51 Gross Acres
 Lea County, NM
 Case No. 21506

Pool Code:
 Wolfcamp [96438]



Working Interest for:	
Silver Fed Com #701H	
Ascent Energy LLC:	75.04%
Devon Energy Production Company, LP:	6.24%
Camterra Resources Partners, LLC:	4.16%
Jetta-X2 L.P.	4.16%
Marathon Oil Permian LLC:	10.40%
Total:	100.00%

Pooling Unit
 Sec. 4: Lot 4, SWNW, W2SW
 Sec. 9: W2W2
 320.51 Gross Acres

Ascent Energy, LLC	
Exhibit	
Ascent Energy Pooling Unit Map Wolfcamp Formation	
Case No. 21506	



August 27, 2020

Devon Energy Operating Company, L.P.
333 W. Sheridan Ave.
Oklahoma City, OK 73102
Attn: NM Land Department

RE: Silver Development Area
T20S-R33E
Sec. 4: Lot 4, SWNW, W2SW
Sec. 9: W2W2
320.51 Gross Acres, more or less
Lea County, New Mexico

Dear Working Interest Owner:

Ascent Energy, LLC ("Ascent") hereby proposes the drilling, completing and equipping the following wells located in Sections 4 and 9 of T20S-R33E, Lea County, New Mexico, (collectively known as the "Silver Wells").

Well Name	Legal Description	Formation	TVD	TMD	AFE
Silver Fed Com #501H	T20S-R33E Sec. 4: Lot 4, SWNW, W2SW, Sec. 9: W2W2 SLH: 155' FSL, 656' FWL, in Sec. 9, T20S-R33E BHL: 100' FNL, 330' FWL, in Sec. 4, T20S-R33E	2nd Bone Spring	9,915'	20,147'	\$7,685,935
Silver Fed Com #502H	T20S-R33E Sec. 4: Lot 4, SWNW, W2SW, Sec. 9: W2W2 SLH: 155' FSL, 1443' FWL, in Sec. 9, T20S-R33E BHL: 100' FNL, 1254' FWL, in Sec. 4, T20S-R33E	2nd Bone Spring	10,072'	20,347'	\$7,685,935
Silver Fed Com #601H	T20S-R33E Sec. 4: Lot 4, SWNW, W2SW, Sec. 9: W2W2 SLH: 155' FSL, 681' FWL, in Sec. 9, T20S-R33E BHL: 100' FNL, 330' FWL, in Sec. 4, T20S-R33E	3rd Bone Spring	10,912'	21,200'	\$7,778,659
Silver Fed Com #701H	T20S-R33E Sec. 4: Lot 4, SWNW, W2SW, Sec. 9: W2W2 SLH: 155' FSL, 706' FWL, in Sec. 9, T20S-R33E BHL: 100' FNL, 990' FWL, in Sec. 4, T20S-R33E	Wolfcamp	11,165'	21,469'	\$8,123,180

ATTACHMENT

C

August 27, 2020

Page 2 of 3

Ascent's records indicate that Devon Energy Operating Company, L.P. ("Devon") owns a 6.24% working interest in the associated Silver Wells. Devon's estimated collective costs associated with the Silver Wells are approximately \$1,951,479.

Ascent reserves the right to modify the locations and drilling plans described above in order to address topography, cultural or environmental concerns, among other reasons. Ascent will advise you of any such modifications.

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

- Contract Area:
Township 20 South, Range 33 East
Section 4: Lot 4, SWNW, W2SW
Section 9: W2W2
- 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 Operation and return a signed copy within thirty (30) days of receipt of this notice to Ascent. If Devon is interested in selling its interest in the Contract Area, please contact the undersigned at your earliest convenience.

Ascent looks forward to working with Devon 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
Vice President of Land
Ascent Energy, LLC
1125 17th Street, Suite 410
Denver, CO 80202

Enclosure(s): Silver Fed Com #501H AFE
Silver Fed Com #502H AFE
Silver Fed Com #601H AFE
Silver Fed Com #701H AFE

Well Election(s)

____ Devon hereby elects to participate in the proposed Silver Fed Com #501H Operation by paying its proportionate share of the costs outlined on the associated AFE.

____ Devon hereby elects not to participate in the proposed Silver Fed Com #501H Operation.

____ Devon hereby elects to participate in the proposed Silver Fed Com #502H Operation by paying its proportionate share of the costs outlined on the associated AFE.

____ Devon hereby elects not to participate in the proposed Silver Fed Com #502H Operation.

____ Devon hereby elects to participate in the proposed Silver Fed Com #601H Operation by paying its proportionate share of the costs outlined on the associated AFE.

____ Devon hereby elects not to participate in the proposed Silver Fed Com #601H Operation.

____ Devon hereby elects to participate in the proposed Silver Fed Com #701H Operation by paying its proportionate share of the costs outlined on the associated AFE.

____ Devon hereby elects not to participate in the proposed Silver Fed Com #701H Operation.

Working Interest Owner:

Devon Energy Operating Company, L.P.

By: _____

Title: _____

Date: _____

Ascent Energy, LLC

ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE (AFE)

COST CENTER	Silver Fed Com #501H	BUD YEAR	2021	DATE	July 9, 2020
AFE NO.		CATEGORY	D&C	SUPPLEMENT NO.	
FIELD	Hat Mesa	REGION	Delaware Basin	LEGAL:	
OPERATOR	Ascent Energy, LLC	WELL NO.	#	W.I.	
OBJECTIVE	2nd Bone Spring	STATE	NM	MD/TVD	20,150' / 9,915'
ESTIMATED PROJECT START DATE: 2Q2021					
DESCRIPTION: Drill to 10,040ft vertical, drill curve and 2 mile lateral. 4 string design.					

INTANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8305 101	Location Cleanup & Damages			\$150,000	\$150,000
8305 102	Rig Move - MIRU, RDMO			\$150,000	150,000
8305 103	Rig Contractor-Daywork/FT			\$528,125	528,125
8305 104	Rig Contractor-Turnkey				0
8305 105	Power & Fuel			\$132,600	132,600
8305 106	Drill Fluids & Chemicals			\$80,000	80,000
8305 107	Bits, Reamer, Stabilizers			\$100,000	100,000
8305 108	Cement & Cementing Services			\$115,000	115,000
8305 109	Mud Logging/Geosteering			\$40,000	40,000
8305 110	Open Hole Logging			\$0	0
8305 111	Csg Crews & Tools			\$90,000	90,000
8305 112	Directional Tools & Service			\$292,500	292,500
8305 114	Form Eval - Well Testing DST - Coring, Sampling				0
8305 115	Tubular Inspection			\$50,000	50,000
8305 116	Equipment Rentals			\$200,000	200,000
8305 117	Contract Labor & Services			\$105,000	105,000
8305 118	Wellsite Consultants			\$108,875	108,875
8305 119	Company Supervision & Labor				0
8305 120	Transportation			\$60,000	60,000
8305 121	Mud Cuttings & Water Disposal			\$110,000	110,000
8305 122	Insurance			\$0	0
8305 123	Overhead			\$25,000	25,000
8305 124	Water & Water Well			\$60,000	60,000
8305 125	Unanticipated MjrExp (Fishing)				0
8305 126	Legal			\$30,000	30,000
8305 127	Outside Operated Other				0
8305 128	Permits			\$10,000	10,000
8305 129	Environmental & Safety			\$20,000	20,000
8305 130	Plugging				0
	SUBTOTAL			\$2,457,100	\$2,457,100
8305 199	CONTINGENCY (%) 10.00%			245,710	245,710
	SUB-TOTAL INTANGIBLE DRILLING COSTS			\$2,702,810	\$2,702,810

INTANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8306 201	Location & Cleanup			\$10,000	\$10,000
8306 202	Power & Fuel			150,000	150,000
8306 203	Compl Fluids & Chemicals			50,000	50,000
8306 204	Bits, Reamer, Stabilizers				0
8306 205	Cement & Cementing Svcs				0
8306 206	Logging & Perforation Svcs			350,000	350,000
8306 207	Csg Crews & Tools-Drive Hammer				0
8306 208	Directional Tools & Svcs				0
8306 209	Formation Stimulatin Acid Frac			1,425,000	1,425,000
8306 210	Formation Evaluation				0
8306 211	Tubular Inspection				0
8306 212	Equipment Rentals			250,000	250,000
8306 213	Contract Labor & Services				0
8306 214	Wellsite Consultant	\$ -	0	67,500	67,500
8306 215	Company Supervision & Labor				0
8306 216	Transportation			15,000	15,000
8306 217	Mud Cuttings & Water Disposal			125,000	125,000
8306 218	Insurance				0
8306 219	Overhead				0
8306 220	Water & Water Well			450,000	450,000
8306 221	Unanticipated MajExp Fishing				0
8306 222	Coil Tubing Services			105,000	105,000
8306 223	Misc Supplies & Materials			35,000	35,000
8306 224	Flowback Testing			75,000	75,000
8306 225	Legal & Permits				0
8306 226	Environmental & Safety Costs			25,000	25,000
8306 227	Plugging				0
8306 228	Completion Rig	\$ -	0		0
	SUBTOTAL			30,000	
8306 299	CONTINGENCY (%) 5.00%			\$3,162,500	\$3,162,500
	SUB-TOTAL INTANGIBLE COMPLETION COSTS			158,125	158,125
	SUB-TOTAL INTANGIBLE COSTS			\$3,320,625	\$3,320,625
	SUB-TOTAL INTANGIBLE COSTS			\$2,702,810	\$6,023,435

TANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8308 301	Drive Pipe Conductor Casing	\$ -	0	\$30,000	\$30,000
8308 302	Surface Casing 13-3/8"	\$ -	0	\$30,000	30,000
8308 303	Intermediate Casing 9-5/8"	\$ -	0	\$60,000	60,000
8308 304	2nd Intermediate 7-5/8" Liner Casing	\$ -	0	\$65,000	65,000
8308 305	Subs Flt Eqp Centralizers Etc			50,000	50,000
8308 306	Casinghead Drilling Spool			\$60,000	60,000
8308 307	Sub Surface Equipment				0
8308 308	Outside Operated Other				0
	SUB-TOTAL TANGIBLE DRILLING COSTS			\$295,000	\$295,000

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TANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8309 401	Production Casing 5-1/2"	\$ -	0	245,000	\$245,000
8309 402	Tubing	\$ -	0	42,500	42,500
8309 403	Subs Fit Eqpt Centralizers Etc				0
8309 404	Sub Surface Equipment				0
8309 405	Xmas Tree Upper Section			25,000	25,000
8309 406	Outside Operated Other				0
	SUB-TOTAL TANGIBLE COMPLETION COSTS			\$312,500	\$312,500
	SUB-TOTAL TANGIBLE COSTS			\$295,000	\$607,500
	SUB-TOTAL INTANGIBLE & TANGIBLE COSTS			\$2,997,810	\$6,630,935

PRODUCTION EQUIPMENT COSTS

ACCT.	DESCRIPTION	COMPLETION	TOTAL WELL COST
8311 501	Artificial Lift Equipment	\$30,000	\$30,000
8311 502	Prime Mover Electric Gas		0
8311 503	Sales Gathering Line	35,000	35,000
8311 504	Separation Equipment	90,000	90,000
8311 505	Oil Treating Heating Equipment	45,000	45,000
8311 506	Gas Treating Dehy Equipment		0
8311 507	Tanks	60,000	60,000
8311 508	Meters	30,000	30,000
8311 509	Electrical Equip Install	80,000	80,000
8311 510	Compressor	45,000	45,000
8311 511	Flowlines	70,000	70,000
8311 512	Labor	100,000	100,000
8311 513	Trucks Hauling Transportation	60,000	60,000
8311 514	Buildings		0
8311 515	Roads & Locations	40,000	40,000
8311 516	Manifolds & Headers	30,000	30,000
8311 517	Chemical Injection System	6,000	6,000
8311 518	Piping & Valves	100,000	100,000
8311 519	Welding	60,000	60,000
8311 520	Surface Pumps	10,000	10,000
8311 521	Filters	10,000	10,000
8311 522	Outside Operated Other		0
8311 523	Environmental & Safety	30,000	30,000
8311 524	Engineering Supervision	24,000	24,000
8311 525	Surface Facilities	100,000	100,000
	SUB-TOTAL PRODUCTION EQUIPMENT	\$1,055,000	\$1,055,000
	SUB-TOTAL INTANGIBLE COSTS (PAGE 1)	\$2,702,810	\$3,320,625
	SUB-TOTAL TANGIBLE COSTS (PAGE 2)	\$295,000	\$607,500
	GRAND TOTAL	\$2,997,810	\$7,685,935
	LESS OUTSIDE INTERESTS	\$2,997,810	\$4,688,125
	TOTAL NET COSTS	\$0	\$0

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

PREPARED BY	DATE
APPROVED	DATE
APPROVED	DATE
APPROVED	DATE

GROSS AFE AMOUNT - DRY HOLE	\$2,997,810
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	Silver Fed Com #502H	BUD YEAR	2021	DATE	July 9, 2020
AFE NO.		CATEGORY	D&C	SUPPLEMENT NO.	
FIELD	Hat Mesa	REGION	Delaware Basin	LEGAL:	
OPERATOR	Ascent Energy, LLC	WELL NO.	#	W.I.	
OBJECTIVE	2nd Bone Spring	STATE	NM	MD/TVD	20,350' / 10,070'

ESTIMATED PROJECT START DATE: 2Q2021
 DESCRIPTION: Drill to 10,040ft vertical, drill curve and 2 mile lateral. 4 string design.

INTANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8305 101	Location Cleanup & Damages			\$150,000	\$150,000
8305 102	Rig Move - MIRU, RDMO			\$150,000	150,000
8305 103	Rig Contractor-Daywork/FT			\$528,125	528,125
8305 104	Rig Contractor-Turnkey				0
8305 105	Power & Fuel			\$132,600	132,600
8305 106	Drill Fluids & Chemicals			\$80,000	80,000
8305 107	Bits, Reamer, Stabilizers			\$100,000	100,000
8305 108	Cement & Cementing Services			\$115,000	115,000
8305 109	Mud Logging/Geosteering			\$40,000	40,000
8305 110	Open Hole Logging			\$0	0
8305 111	Csg Crews & Tools			\$90,000	90,000
8305 112	Directional Tools & Service			\$292,500	292,500
8305 114	Form Eval - Well Testing DST - Coring, Sampling				0
8305 115	Tubular Inspection			\$50,000	50,000
8305 116	Equipment Rentals			\$200,000	200,000
8305 117	Contract Labor & Services			\$105,000	105,000
8305 118	Wellsite Consultants			\$108,875	108,875
8305 119	Company Supervision & Labor				0
8305 120	Transportation			\$60,000	60,000
8305 121	Mud Cuttings & Water Disposal			\$110,000	110,000
8305 122	Insurance			\$0	0
8305 123	Overhead			\$25,000	25,000
8305 124	Water & Water Well			\$60,000	60,000
8305 125	Unanticipated MjExp (Fishing)				0
8305 126	Legal			\$30,000	30,000
8305 127	Outside Operated Other				0
8305 128	Permits			\$10,000	10,000
8305 129	Environmental & Safety			\$20,000	20,000
8305 130	Plugging				0
	SUBTOTAL			\$2,457,100	\$2,457,100
8305 199	CONTINGENCY (%) 10.00%			245,710	245,710
	SUB-TOTAL INTANGIBLE DRILLING COSTS			\$2,702,810	\$2,702,810

INTANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8306 201	Location & Cleanup			\$10,000	\$10,000
8306 202	Power & Fuel			150,000	150,000
8306 203	Compl Fluids & Chemicals			50,000	50,000
8306 204	Bits, Reamer, Stabilizers				0
8306 205	Cement & Cementing Svcs				0
8306 206	Logging & Perforation Svcs				0
8306 207	Csg Crews & Tools-Drive Hammer			350,000	350,000
8306 208	Directional Tools & Svcs				0
8306 209	Formation Stimulatn Acid Frac				0
8306 210	Formation Evaluation			1,425,000	1,425,000
8306 211	Tubular Inspection				0
8306 212	Equipment Rentals				0
8306 213	Contract Labor & Services			250,000	250,000
8306 214	Wellsite Consultant				0
8306 215	Company Supervision & Labor	\$ -	0	67,500	67,500
8306 216	Transportation				0
8306 217	Mud Cuttings & Water Disposal			15,000	15,000
8306 218	Insurance			125,000	125,000
8306 219	Overhead				0
8306 220	Water & Water Well				0
8306 221	Unanticipated MjExp Fishing			450,000	450,000
8306 222	Coil Tubing Services				0
8306 223	Misc Supplies & Materials			105,000	105,000
8306 224	Flowback Testing			35,000	35,000
8306 225	Legal & Permits			75,000	75,000
8306 226	Environmental & Safety Costs				0
8306 227	Plugging			25,000	25,000
8306 228	Completion Rig	\$ -	0		0
	SUBTOTAL			30,000	0
8306 299	CONTINGENCY (%) 5.00%			\$3,162,500	\$3,162,500
	SUB-TOTAL INTANGIBLE COMPLETION COSTS			158,125	158,125
	SUB-TOTAL INTANGIBLE COSTS			\$3,320,625	\$3,320,625

TANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8308 301	Drive Pipe Conductor Casing	\$ -	0	\$30,000	\$30,000
8308 302	Surface Casing 13-3/8"	\$ -	0	\$30,000	30,000
8308 303	Intermediate Casing 9-5/8"	\$ -	0	\$60,000	60,000
8308 304	2nd Intermediate 7-5/8" Liner Casing	\$ -	0	\$65,000	65,000
8308 305	Subs Flt Eqpt Centralizers Etc			50,000	50,000
8308 306	Casinghead Drilling Spool			\$60,000	60,000
8308 307	Sub Surface Equipment				0
8308 308	Outside Operated Other				0
	SUB-TOTAL TANGIBLE DRILLING COSTS			\$295,000	\$295,000

TANGIBLE COMPLETION COSTS						
ACCT.	DESCRIPTION	Rate	Units		COMPLETION	TOTAL WELL COST
8309 401	Production Casing 5-1/2"	\$ -	0		245,000	\$245,000
8309 402	Tubing	\$ -	0		42,500	42,500
8309 403	Subs Fit Eqp Centralizers Etc					0
8309 404	Sub Surface Equipment					0
8309 405	Xmas Tree Upper Section				25,000	25,000
8309 406	Outside Operated Other					0
	SUB-TOTAL TANGIBLE COMPLETION COSTS				\$312,500	\$312,500
	SUB-TOTAL TANGIBLE COSTS			\$295,000	\$312,500	\$607,500
	SUB-TOTAL INTANGIBLE & TANGIBLE COSTS			\$2,997,810	\$3,633,125	\$6,630,935

PRODUCTION EQUIPMENT COSTS						
					COMPLETION	TOTAL WELL COST
8311 501	Artificial Lift Equipment				\$30,000	\$30,000
8311 502	Prime Mover Electric Gas					0
8311 503	Sales Gathering Line				35,000	35,000
8311 504	Separation Equipment				90,000	90,000
8311 505	Oil Treating Heating Equipment				45,000	45,000
8311 506	Gas Treating Dehy Equipment					0
8311 507	Tanks				60,000	60,000
8311 508	Meters				30,000	30,000
8311 509	Electrical Equip Install				80,000	80,000
8311 510	Compressor				45,000	45,000
8311 511	Flowlines				70,000	70,000
8311 512	Labor				100,000	100,000
8311 513	Trucks Hauling Transportation				60,000	60,000
8311 514	Buildings					0
8311 515	Roads & Locations				40,000	40,000
8311 516	Manifolds & Headers				30,000	30,000
8311 517	Chemical Injection System				6,000	6,000
8311 518	Piping & Valves				100,000	100,000
8311 519	Welding				60,000	60,000
8311 520	Surface Pumps				10,000	10,000
8311 521	Filters				10,000	10,000
8311 522	Outside Operated Other					0
8311 523	Environmental & Safety				30,000	30,000
8311 524	Engineering Supervision				24,000	24,000
8311 525	Surface Facilities				100,000	100,000
	SUB-TOTAL PRODUCTION EQUIPMENT				\$1,055,000	\$1,055,000
	SUB-TOTAL INTANGIBLE COSTS (PAGE 1)			\$2,702,810	\$3,320,625	\$6,023,435
	SUB-TOTAL TANGIBLE COSTS (PAGE 2)			\$295,000	\$312,500	\$607,500
	GRAND TOTAL			\$2,997,810	\$4,688,125	\$7,685,935
	LESS OUTSIDE INTERESTS			\$2,997,810	\$4,688,125	\$7,685,935
	TOTAL NET COSTS			\$0	\$0	\$0

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

PREPARED BY	DATE	GROSS AFE AMOUNT - DRY HOLE	\$2,997,810
APPROVED	DATE	NET DRYHOLE AFE AMOUNT	\$0
APPROVED	DATE	NET ASSET TRANSFERS	\$0
APPROVED	DATE	CASH OUTLAY THIS AFE	\$0
APPROVED	DATE	PREVIOUS AFE'S ISSUED	\$0
		TOTAL CASH OUTLAY	\$0

WORKING INTEREST APPROVAL			
COMPANY	WORKING INTEREST	APPROVED BY	DATE

Ascent Energy, LLC

ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE (AFE)

COST CENTER	Silver Fed Com #601H	BUD YEAR	2021	DATE	July 9, 2020
AFE NO.		CATEGORY	D&C	SUPPLEMENT NO.	
FIELD	Hat Mesa	REGION	Delaware Basin	LEGAL:	
OPERATOR	Ascent Energy, LLC	WELL NO.	#	W.I.	
OBJECTIVE	3rd Bone Spring	STATE	NM	MD/TVD	21,200' / 10,910'

ESTIMATED PROJECT START DATE: 2Q2021
 DESCRIPTION: Drill to 10,040ft vertical, drill curve and 2 mile lateral. 4 string design.

INTANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8305 101	Location Cleanup & Damages			\$150,000	\$150,000
8305 102	Rig Move - MIRU, RDMO			\$150,000	150,000
8305 103	Rig Contractor-Daywork/FT			\$536,250	536,250
8305 104	Rig Contractor-Turnkey				0
8305 105	Power & Fuel			\$134,640	134,640
8305 106	Drill Fluids & Chemicals			\$80,000	80,000
8305 107	Bits, Reamer, Stabilizers			\$100,000	100,000
8305 108	Cement & Cementing Services			\$115,000	115,000
8305 109	Mud Logging/Geosteering			\$40,000	40,000
8305 110	Open Hole Logging			\$0	0
8305 111	Csg Crews & Tools			\$90,000	90,000
8305 112	Directional Tools & Service			\$297,000	297,000
8305 114	Form Eval - Well Testing DST - Coring, Sampling				0
8305 115	Tubular Inspection			\$50,000	50,000
8305 116	Equipment Rentals			\$200,000	200,000
8305 117	Contract Labor & Services			\$105,000	105,000
8305 118	Wellsite Consultants			\$110,550	110,550
8305 119	Company Supervision & Labor				0
8305 120	Transportation			\$60,000	60,000
8305 121	Mud, Cuttings & Water Disposal			\$110,000	110,000
8305 122	Insurance			\$0	0
8305 123	Overhead			\$25,000	25,000
8305 124	Water & Water Well			\$60,000	60,000
8305 125	Unanticipated MjrExp (Fishing)				0
8305 126	Legal			\$30,000	30,000
8305 127	Outside Operated Other				0
8305 128	Permits			\$10,000	10,000
8305 129	Environmental & Safety			\$20,000	20,000
8305 130	Plugging				0
8305 199	SUBTOTAL			\$2,473,440	\$2,473,440
	CONTINGENCY (%)	10.00%		247,344	247,344
	SUB-TOTAL INTANGIBLE DRILLING COSTS			\$2,720,784	\$2,720,784

INTANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8306 201	Location & Cleanup			\$10,000	\$10,000
8306 202	Power & Fuel			160,000	160,000
8306 203	Compl Fluids & Chemicals			50,000	50,000
8306 204	Bits, Reamer, Stabilizers				0
8306 205	Cement & Cementing Svcs				0
8306 206	Logging & Perforation Svcs				0
8306 207	Csg Crews & Tools-Drive Hammer			350,000	350,000
8306 208	Directional Tools & Svcs				0
8306 209	Formation Stimulatn Acid Frac				0
8306 210	Formation Evaluation			1,450,000	1,450,000
8306 211	Tubular Inspection				0
8306 212	Equipment Rentals				0
8306 213	Contract Labor & Services			250,000	250,000
8306 214	Wellsite Consultant				0
8306 215	Company Supervision & Labor	\$ -	0	67,500	67,500
8306 216	Transportation				0
8306 217	Mud Cuttings & Water Disposal			15,000	15,000
8306 218	Insurance			125,000	125,000
8306 219	Overhead				0
8306 220	Water & Water Well				0
8306 221	Unanticipated MjrExp Fishing			450,000	450,000
8306 222	Coil Tubing Services				0
8306 223	Misc Supplies & Materials			115,000	115,000
8306 224	Flowback Testing			35,000	35,000
8306 225	Legal & Permits			75,000	75,000
8306 226	Environmental & Safety Costs				0
8306 227	Plugging			25,000	25,000
8306 228	Completion Rig	\$ -	0		0
	SUBTOTAL			30,000	0
8306 299	CONTINGENCY (%)	5.00%		\$3,207,500	\$3,207,500
	SUB-TOTAL INTANGIBLE COMPLETION COSTS			160,375	160,375
	SUB-TOTAL INTANGIBLE COSTS			\$3,367,875	\$3,367,875

TANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8308 301	Drive Pipe Conductor Casing	\$ -	0	\$30,000	\$30,000
8308 302	Surface Casing 13-3/8"	\$ -	0	\$30,000	30,000
8308 303	Intermediate Casing 9-5/8"	\$ -	0	\$60,000	60,000
8308 304	2nd Intermediate 7-5/8" Liner Casing	\$ -	0	\$65,000	65,000
8308 305	Subs Flt Eqp: Centralizers Etc			50,000	50,000
8308 306	Casinghead Drilling Spool			\$60,000	60,000
8308 307	Sub Surface Equipment				0
8308 308	Outside Operated Other				0
	SUB-TOTAL TANGIBLE DRILLING COSTS			\$295,000	\$295,000

TANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8309 401	Production Casing 5-1/2"	\$ -	0	260,000	\$260,000
8309 402	Tubing	\$ -	0	45,000	45,000
8309 403	Subs Fit Eqp Centralizers Etc				0
8309 404	Sub Surface Equipment				0
8309 405	Xmas Tree Upper Section			25,000	25,000
8309 406	Outside Operated Other				0
SUB-TOTAL TANGIBLE COMPLETION COSTS				\$330,000	\$330,000
SUB-TOTAL TANGIBLE COSTS				\$295,000	\$625,000
SUB-TOTAL INTANGIBLE & TANGIBLE COSTS				\$3,015,784	\$6,713,659

PRODUCTION EQUIPMENT COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8311 501	Artificial Lift Equipment			\$40,000	\$40,000
8311 502	Prime Mover Electric Gas			35,000	35,000
8311 503	Sales Gathering Line			90,000	90,000
8311 504	Separation Equipment			45,000	45,000
8311 505	Oil Treating Heating Equipment				0
8311 506	Gas Treating Dehy Equipment			60,000	60,000
8311 507	Tanks			30,000	30,000
8311 508	Meters			80,000	80,000
8311 509	Electrical Equip Install			45,000	45,000
8311 510	Compressor			70,000	70,000
8311 511	Flowlines			100,000	100,000
8311 512	Labor			60,000	60,000
8311 513	Trucks Hauling Transportation				0
8311 514	Buildings			40,000	40,000
8311 515	Roads & Locations			30,000	30,000
8311 516	Manifolds & Headers			6,000	6,000
8311 517	Chemical Injection System			100,000	100,000
8311 518	Piping & Valves			60,000	60,000
8311 519	Welding			10,000	10,000
8311 520	Surface Pumps			10,000	10,000
8311 521	Filters				0
8311 522	Outside Operated Other			30,000	30,000
8311 523	Environmental & Safety			24,000	24,000
8311 524	Engineering Supervision			100,000	100,000
8311 525	Surface Facilities				0
SUB-TOTAL PRODUCTION EQUIPMENT				\$1,065,000	\$1,065,000
SUB-TOTAL INTANGIBLE COSTS (PAGE 1)				\$2,720,784	\$6,088,659
SUB-TOTAL TANGIBLE COSTS (PAGE 2)				\$295,000	\$625,000
GRAND TOTAL				\$3,015,784	\$7,778,659
LESS OUTSIDE INTERESTS				\$3,015,784	\$7,778,659
TOTAL NET COSTS				\$0	\$0

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

PREPARED BY	DATE
APPROVED	DATE
APPROVED	DATE
APPROVED	DATE

GROSS AFE AMOUNT - DRY HOLE	\$3,015,784
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	Silver Fed Com #701H	BUD YEAR	2021	DATE	July 9, 2020
AFE NO.		CATEGORY	D&C	SUPPLEMENT NO.	
FIELD	Hat Mesa	REGION	Delaware Basin	LEGAL:	
OPERATOR	Ascent Energy, LLC	WELL NO.	#	W.I.	
OBJECTIVE	WolfCamp A	STATE	NM	MD/TVD	21,460' / 11,150'
ESTIMATED PROJECT START DATE: 2Q2021					
DESCRIPTION: Drill to 10,040ft vertical, drill curve and 2 mile lateral. 5 string design.					

INTANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8305 101	Location Cleanup & Damages			\$150,000	\$150,000
8305 102	Rig Move - MIRU, RDMO			\$150,000	150,000
8305 103	Rig Contractor-Daywork/FT			\$568,750	568,750
8305 104	Rig Contractor-Turnkey				0
8305 105	Power & Fuel			\$142,800	142,800
8305 106	Drill Fluids & Chemicals			\$100,000	100,000
8305 107	Bits, Reamer, Stabilizers			\$110,000	110,000
8305 108	Cement & Cementing Services			\$115,000	115,000
8305 109	Mud Logging/Geosteering			\$40,000	40,000
8305 110	Open Hole Logging			\$65,000	65,000
8305 111	Csg Crews & Tools			\$90,000	90,000
8305 112	Directional Tools & Service			\$315,000	315,000
8305 114	Form Eval - Well Testing DST - Coring, Sampling				0
8305 115	Tubular Inspection			\$50,000	50,000
8305 116	Equipment Rentals			\$200,000	200,000
8305 117	Contract Labor & Services			\$105,000	105,000
8305 118	Wellsite Consultants			\$117,250	117,250
8305 119	Company Supervision & Labor				0
8305 120	Transportation			\$60,000	60,000
8305 121	Mud Cuttings & Water Disposal			\$150,000	150,000
8305 122	Insurance			\$0	0
8305 123	Overhead			\$25,000	25,000
8305 124	Water & Water Well			\$60,000	60,000
8305 125	Unanticipated MjrExp (Fishing)				0
8305 126	Legal			\$30,000	30,000
8305 127	Outside Operated Other				0
8305 128	Permits			\$10,000	10,000
8305 129	Environmental & Safety			\$20,000	20,000
8305 130	Plugging				0
	SUBTOTAL			\$2,673,800	\$2,673,800
8305 199	CONTINGENCY (%)	10.00%		267,380	267,380
	SUB-TOTAL INTANGIBLE DRILLING COSTS			\$2,941,180	\$2,941,180

INTANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8306 201	Location & Cleanup			\$10,000	\$10,000
8306 202	Power & Fuel			160,000	160,000
8306 203	Compl Fluids & Chemicals			50,000	50,000
8306 204	Bits, Reamer, Stabilizers				0
8306 205	Cement & Cementing Svcs				0
8306 206	Logging & Perforation Svcs				0
8306 207	Csg Crews & Tools-Drive Hammer			350,000	350,000
8306 208	Directional Tools & Svcs				0
8306 209	Formation Stimulatn Acid Frac				0
8306 210	Formation Evaluation			1,450,000	1,450,000
8306 211	Tubular Inspection				0
8306 212	Equipment Rentals				0
8306 213	Contract Labor & Services			250,000	250,000
8306 214	Wellsite Consultant				0
8306 215	Company Supervision & Labor	\$ -	0	67,500	67,500
8306 216	Transportation				0
8306 217	Mud Cuttings & Water Disposal			15,000	15,000
8306 218	Insurance			125,000	125,000
8306 219	Overhead				0
8306 220	Water & Water Well				0
8306 221	Unanticipated MjrExp Fishing			450,000	450,000
8306 222	Coil Tubing Services				0
8306 223	Misc Supplies & Materials			115,000	115,000
8306 224	Flowback Testing			35,000	35,000
8306 225	Legal & Permits			75,000	75,000
8306 226	Environmental & Safety Costs				0
8306 227	Plugging			25,000	25,000
8306 228	Completion Rig	\$ -	0		0
	SUBTOTAL			30,000	0
8306 299	CONTINGENCY (%)	0.00%		\$3,207,500	\$3,207,500
	SUB-TOTAL INTANGIBLE COMPLETION COSTS			0	0
	SUB-TOTAL INTANGIBLE COSTS			\$3,207,500	\$3,207,500
				\$2,941,180	\$6,148,680

TANGIBLE DRILLING COSTS

ACCT.	DESCRIPTION	Rate	Units	DRYHOLE	TOTAL WELL COST
8308 301	Drive Pipe Conductor Casing	\$ -	0	\$30,000	\$30,000
8308 302	Surface Casing 13-3/8"	\$ -	0	\$115,000	115,000
8308 303	Intermediate Casing 9-5/8"	\$ -	0	\$100,000	100,000
8308 304	2nd Intermediate 7-5/8" Liner Casing	\$ -	0	\$220,000	220,000
8308 305	Subs Flt Eqpt Centralizers Etc			50,000	50,000
8308 306	Casinghead Drilling Spool			\$60,000	60,000
8308 307	Sub Surface Equipment				0
8308 308	Outside Operated Other				0
	SUB-TOTAL TANGIBLE DRILLING COSTS			\$575,000	\$575,000

TANGIBLE COMPLETION COSTS

ACCT.	DESCRIPTION	Rate	Units	COMPLETION	TOTAL WELL COST
8309 401	Production Casing 5-1/2"	\$ -	0	262,000	\$262,000
8309 402	Tubing	\$ -	0	47,500	47,500
8309 403	Subs Flt Eqp Centralizers Etc				0
8309 404	Sub Surface Equipment				0
8309 405	Xmas Tree Upper Section			25,000	25,000
8309 406	Outside Operated Other				0
SUB-TOTAL TANGIBLE COMPLETION COSTS				\$334,500	\$334,500
SUB-TOTAL INTANGIBLE COSTS				\$575,000	\$909,500
SUB-TOTAL INTANGIBLE & TANGIBLE COSTS				\$3,516,180	\$7,058,180

PRODUCTION EQUIPMENT COSTS

ACCT.	DESCRIPTION	COMPLETION	TOTAL WELL COST
8311 501	Artificial Lift Equipment	\$40,000	\$40,000
8311 502	Prime Mover Electric Gas		0
8311 503	Sales Gathering Line	35,000	35,000
8311 504	Separation Equipment	90,000	90,000
8311 505	Oil Treating Heating Equipment	45,000	45,000
8311 506	Gas Treating Dehy Equipment		0
8311 507	Tanks	60,000	60,000
8311 508	Meters	30,000	30,000
8311 509	Electrical Equip Install	80,000	80,000
8311 510	Compressor	45,000	45,000
8311 511	Flowlines	70,000	70,000
8311 512	Labor	100,000	100,000
8311 513	Trucks Hauling Transportation	60,000	60,000
8311 514	Buildings		0
8311 515	Roads & Locations	40,000	40,000
8311 516	Manifolds & Headers	30,000	30,000
8311 517	Chemical Injection System	6,000	6,000
8311 518	Piping & Valves	100,000	100,000
8311 519	Welding	60,000	60,000
8311 520	Surface Pumps	10,000	10,000
8311 521	Filters	10,000	10,000
8311 522	Outside Operated Other		0
8311 523	Environmental & Safety	30,000	30,000
8311 524	Engineering Supervision	24,000	24,000
8311 525	Surface Facilities	100,000	100,000
SUB-TOTAL PRODUCTION EQUIPMENT		\$1,065,000	\$1,065,000
SUB-TOTAL INTANGIBLE COSTS (PAGE 1)		\$3,207,500	\$6,148,680
SUB-TOTAL TANGIBLE COSTS (PAGE 2)		\$575,000	\$909,500
GRAND TOTAL		\$3,516,180	\$8,123,180
LESS OUTSIDE INTERESTS		\$3,516,180	\$8,123,180
TOTAL NET COSTS		\$0	\$0

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

PREPARED BY

DATE

APPROVED

DATE

APPROVED

DATE

APPROVED

DATE

GROSS AFE AMOUNT - DRY HOLE

\$3,516,180

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

APPLICATIONs OF ASCENT ENERGY, LLC

FOR COMPULSORY POOLING, LEA COUNTY,
NEW MEXICO.

Case Nos. 21501, 21503, and 21505

VERIFIED STATEMENT OF WILLIAM 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 Attachment A pertain to the Second Bone Spring Sand, which is prospective in this area. They show:
 - (a) Structure of the Second Bone Spring Sand. They show that structure dips gently to the southeast. The plat also shows producing Second Bone Spring Sand wells in the area.
 - (b) A gross isopach of the Second Bone Spring Sand. This zone is continuous across the well units being pooled. It also shows a line of cross-section.
 - (c) A cross-section of the Second Bone Spring Sand. The well logs on the cross-sections give a representative sample of Second Bone Spring Sand in this area.
 - (d) A list of producing Second Bone Spring Sand wells in the area. Based on production, there is a preferred North-South orientation in this area.
4. The geological plats in Attachment B pertain to the Third Bone Spring Sand, which is prospective in this area. They show:
 - (a) Structure of the Third Bone Spring Sand. They show that structure dips gently to the south. The plat also shows producing Second Bone Spring Sand wells in the area.
 - (b) A gross isopach of the Third Bone Spring Sand. This zone is continuous across the well units being pooled. It also shows a line of cross-section.
 - (c) A cross-section of the Third Bone Spring Sand. The well logs on the cross-sections give a representative sample of Third Bone Spring Sand in this area.

EXHIBIT 3A

(d) A list of producing Third Bone Spring Sand wells in the area. Based on production, there is a preferred North-South orientation in this area.

5. The C-102s for the wells are attached as Attachment C, showing the first and last take points. The wells comply with the Division's setback requirements.

6. I conclude from the maps that:

(a) The Bone Spring horizontal spacing units are justified from a geologic standpoint, and horizontal drilling is the best method to produce Bone reserves in this area.

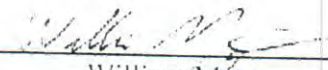
(b) Each quarter-quarter section in the well units will contribute more or less equally to production.

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

7. The granting of this application is in the interests of conservation and the prevention of waste.

8. I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 7 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: 11/3/2020



William Metz

2nd Bone Spring Sand

Pony Express

Case No. 21501: W2W2 Bone Spring 501H, 502H & 601H

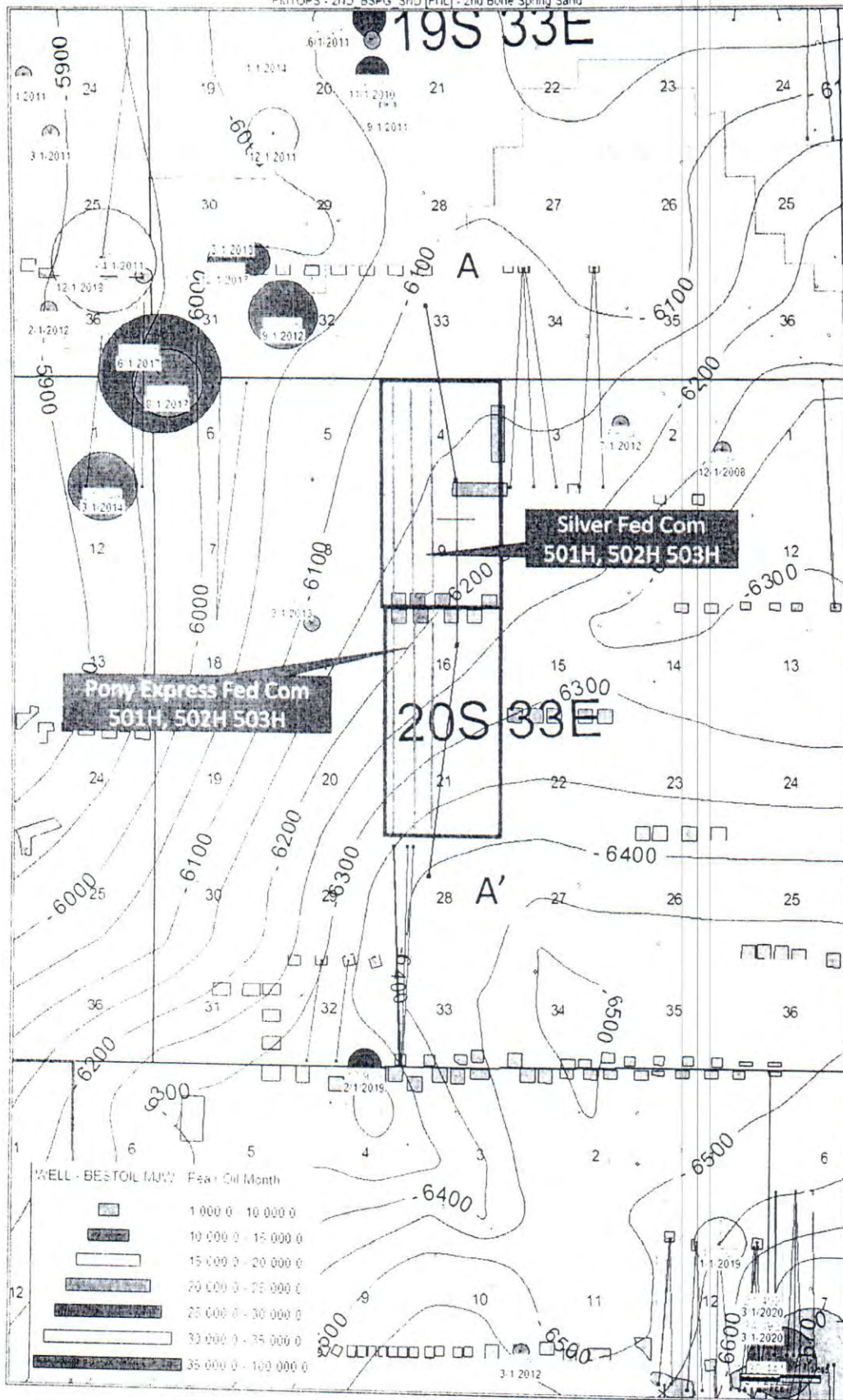
Case No. 21503: E2W2 Bone Spring 503H & 602H

Silver

Case No. 21505: W2W2 Bone Spring 501H, 502H & 601H

Case No. 21507 E2W2 Bone Spring 503H & 602H

ATTACHMENT *A*



Proposed Pooling Units

Pony Express & Silver BLM Approved Potash Development Areas

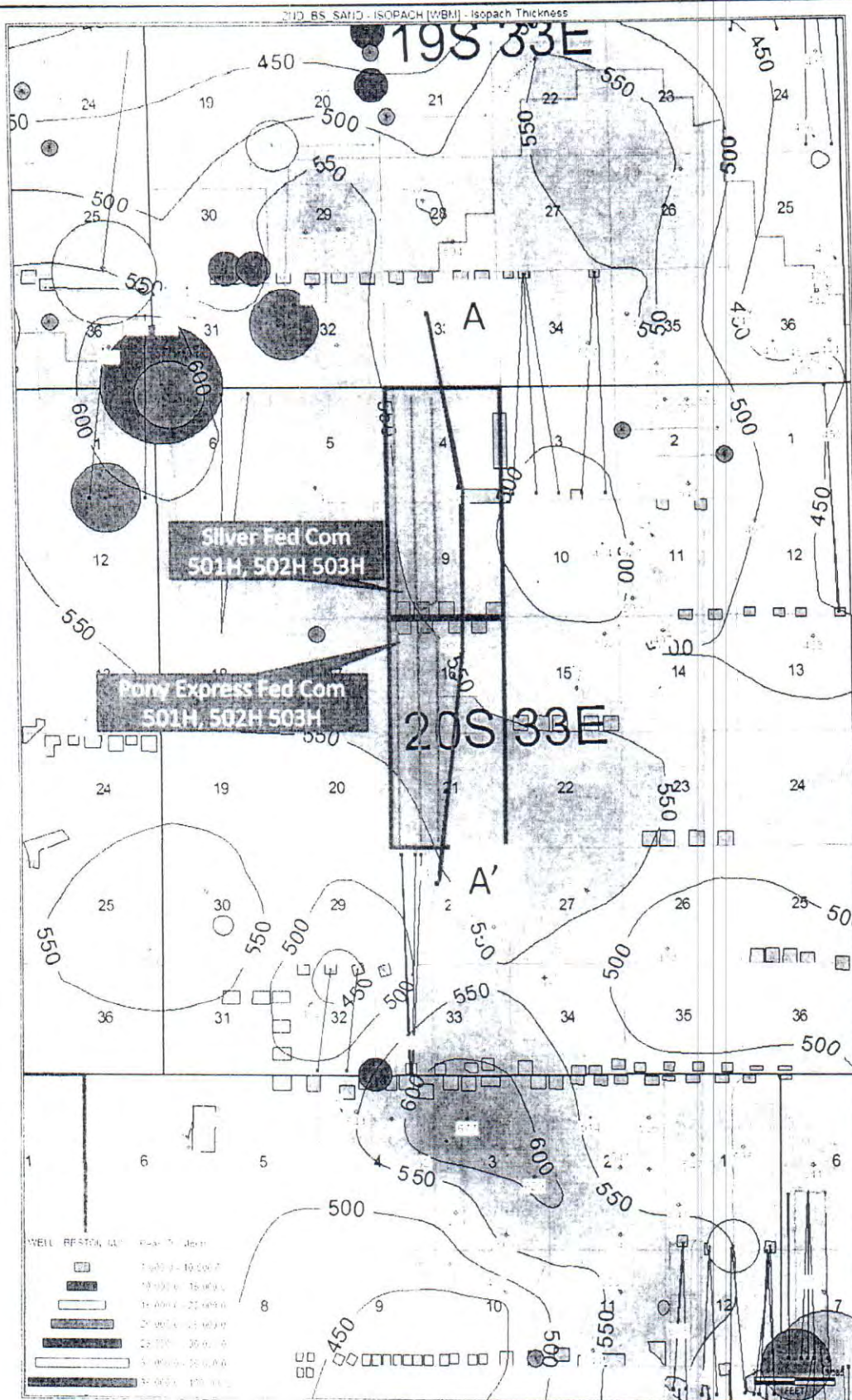
Ascent Energy, LLC

Case No. Exhibit

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

CI = 50'

Oct 20, 2020



Proposed Pooling Units

Pony Express & Silver BLM Approved
Potash Development Areas

Ascent Energy, LLC



Case Nos.

Exhibit

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

CI = 50'

Oct. 20, 2020

A

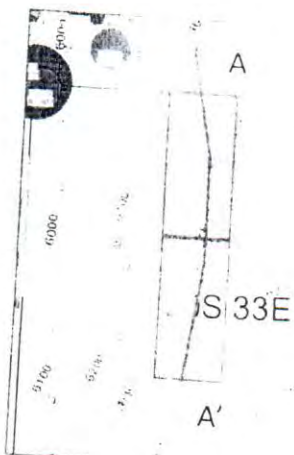
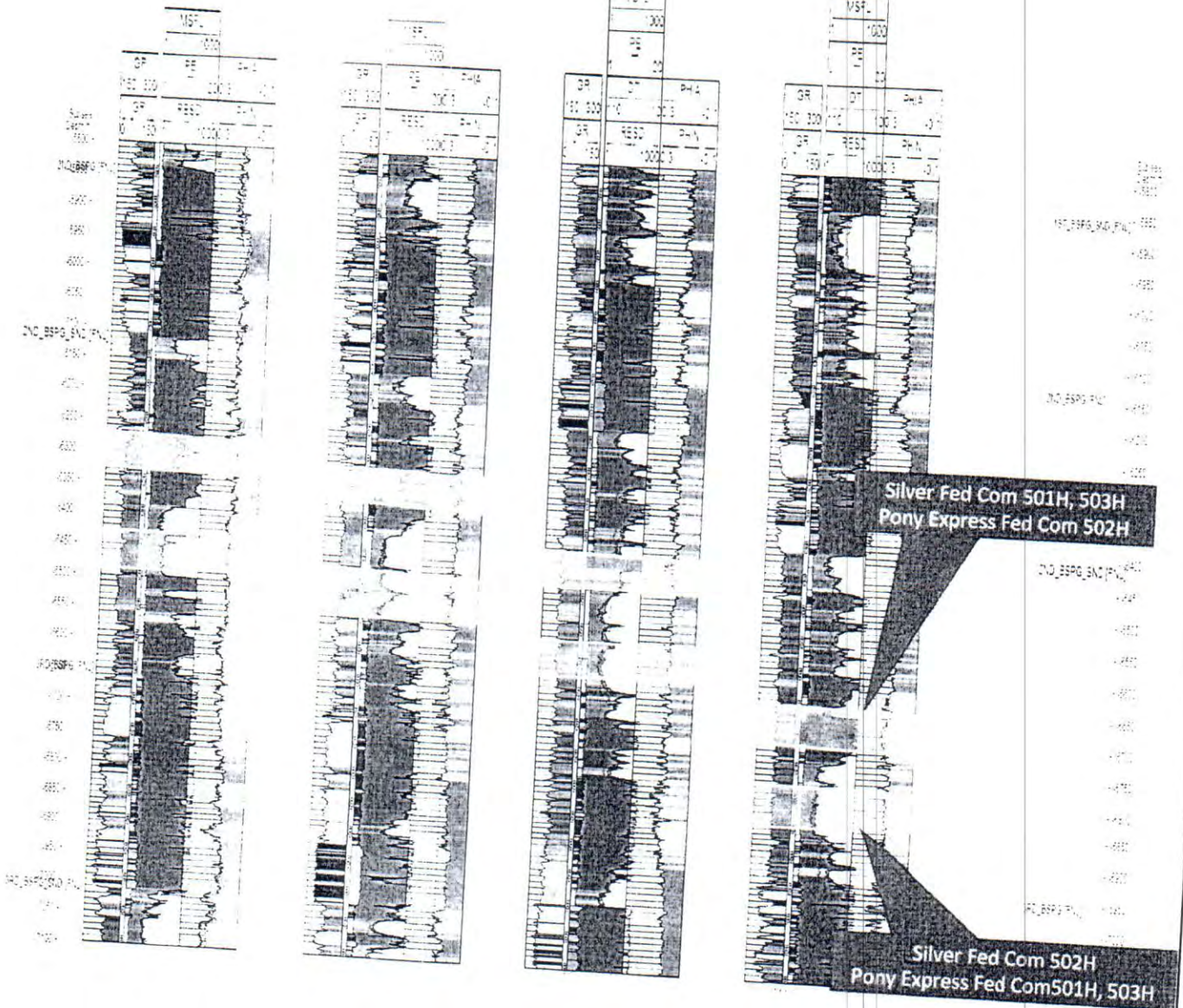
MADRO UN-3
30025276190000
T19S R33E S33

SC-ARBAUER 4-1
30025318570000
T20S R33E S4

ANASAZI 16' STATE C-1
30025318560000
T20S R33E S16

TOMAHAWK 28' FEDERA C01
30025318950000
T20S R33E S28

A'



Ascent Energy, LLC	
Case Nos.	Exhibit
2 nd Bone Spring Sand Structural Cross Section	
Oct. 20, 2020	

3rd Bone Spring Sand

Pony Express

Case No. 21501: W2W2 Bone Spring 501H, 502H & 601H

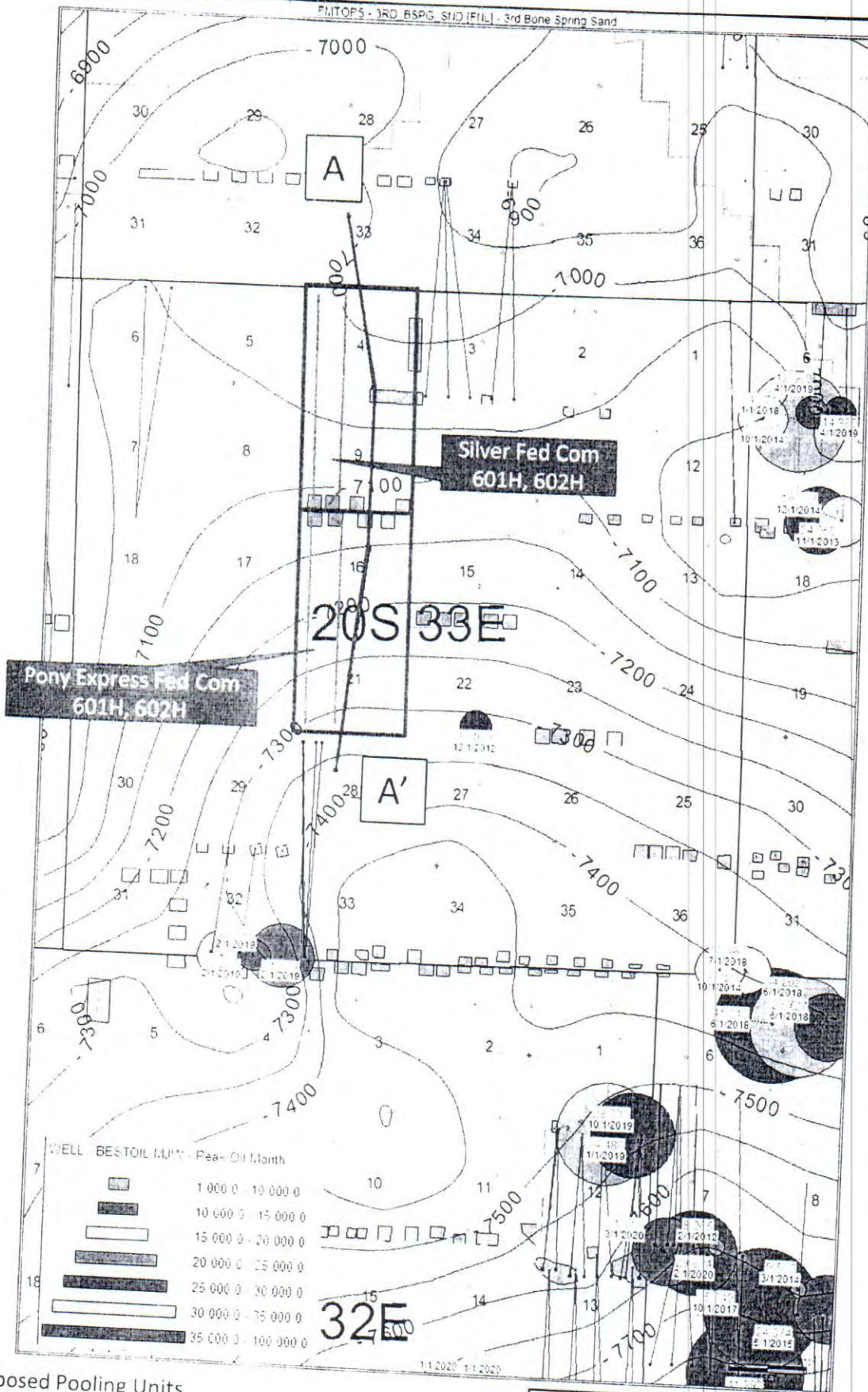
Case No. 21503: E2W2 Bone Spring 503H & 602H

Silver

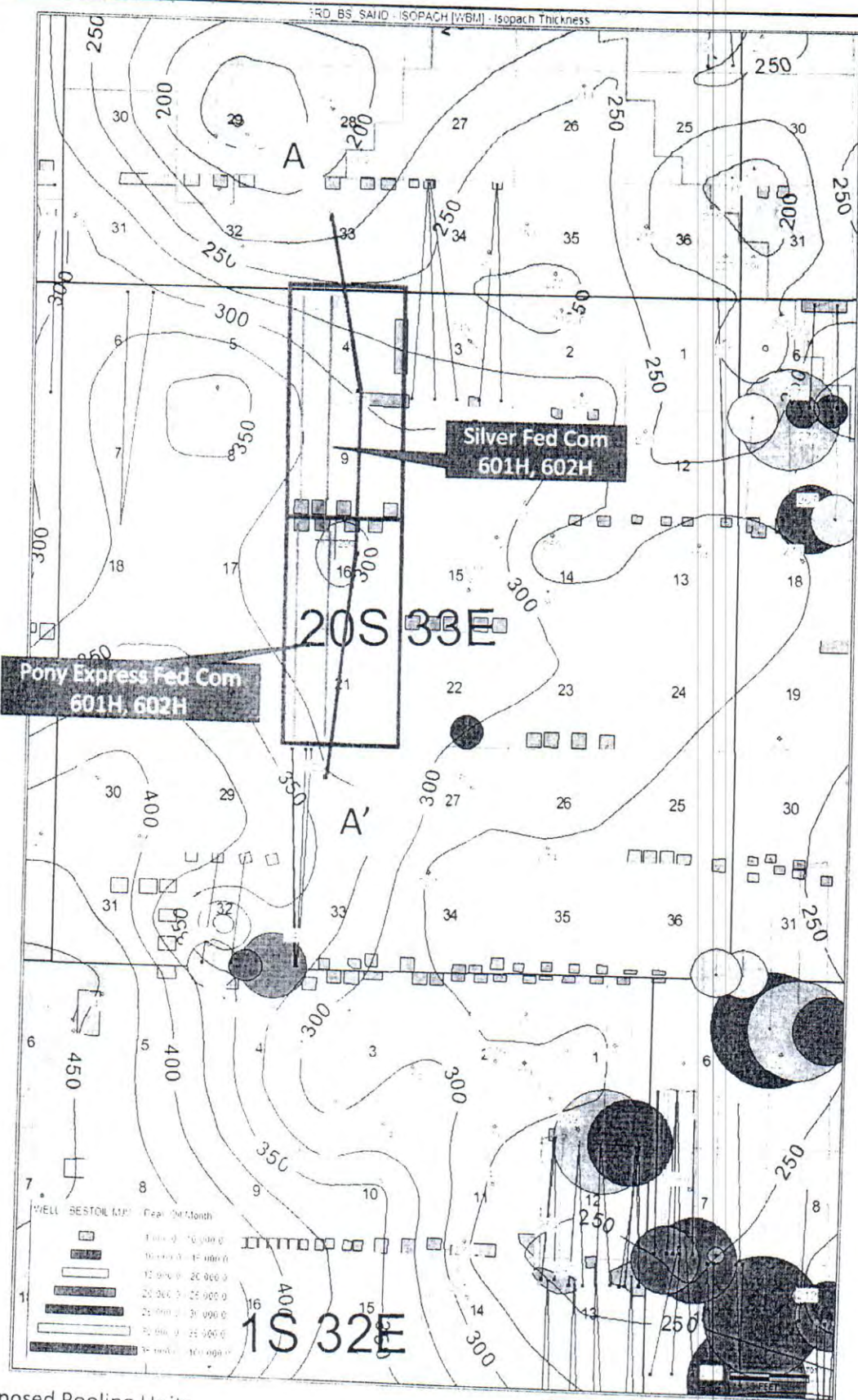
Case No. 21505: W2W2 Bone Spring 501H, 502H & 601H

Case No. 21507 E2W2 Bone Spring 503H & 602H

ATTACHMENT *B*



Ascent Energy, LLC	
Case No.	Exhibit
3rd Bone Spring Sand Structure & Producing 3rd Bone Spring Sand Wells & Bone Spring Permits	
CI = 50'	Oct 20, 2020



Proposed Pooling Units

Pony Express & Silver BLM Approved
Potash Development Areas

Ascent Energy, LLC	
Case Nos.	Exhibit
3rd Bone Spring Sand Gross Isopach & Producing 3rd Bone Spring Sand Wells & Bone Spring Permits	
CI = 50'	Oct. 20, 2020

A

MADURO UNIT 3

30025276190000
T20S R33C S35

SCHARBAUER 4' 1

30025318570000
T20S R33C S4

ANASAZI 16' STATE C 1

30025318560000
T20S R33C S16

TOMAHAWK 28' FEDERA 001

30025318550000
T20S R33C S20

A'

Subsea

Depth (ft)

-6500 -
-6520 -
-6540 -
-6560 -
-6580 -
-6600 -
-6620 -
-6640 -
-6660 -
-6680 -
-6700 -
-6720 -
-6740 -
-6760 -
-6780 -
-6800 -
-6820 -
-6840 -
-6860 -
-6880 -
-6900 -
-6920 -
-6940 -
-6960 -
-6980 -
-7000 -
-7020 -
-7040 -
-7060 -
-7080 -
-7100 -
-7120 -
-7140 -
-7160 -
-7180 -
-7200 -
-7220 -
-7240 -
-7260 -
-7280 -
-7300 -
-7320 -
-7340 -
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-8060 -
-8080 -
-8100 -
-8120 -
-8140 -
-8160 -
-8180 -
-8200 -

3RD_BSPG_SND (FIL)

WFMP_A (FIL)

Silver Fed Com 601H, 602H
Pony Express Fed Com 601H, 602H

WFMP_B (FIL)

WFMP_C (FIL)

Subsea

Depth (ft)

-6500 -
-6520 -
-6540 -
-6560 -
-6580 -
-6600 -
-6620 -
-6640 -
-6660 -
-6680 -
-6700 -
-6720 -
-6740 -
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-6960 -
-6980 -
-7000 -
-7020 -
-7040 -
-7060 -
-7080 -
-7100 -
-7120 -
-7140 -
-7160 -
-7180 -
-7200 -
-7220 -
-7240 -
-7260 -
-7280 -
-7300 -
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-8120 -
-8140 -
-8160 -
-8180 -
-8200 -

3RD_BSPG_TARGET_BASE (FIL)

3RD_BSPG (FIL)

3RD_BSPG_SND (FIL)

WFMP_A (FIL)

WFMP_B (FIL)



Ascent Energy, LLC

Case Nos.

Exhibit

3rd Bone Spring Sand Structural Cross Section

Oct. 20, 2020

UWI (API Num)	Operator	Well Label	TWN	RGE	SEC	SPUD DATE	COMP DATE	Peak Oil Month	Peak Gas Month	Peak Water Month	1ST 6 MONTHS CUM OIL	1ST 6 MONTHS CUM GAS	1ST 6 MONTHS CUM WATER	CUM OIL	CUM GAS	CUM WATER	LATERAL
3002543250000	LEGACY RESOURCES OPERATING LLC	HAMON A FED COM 000H	20S	34E	18	7/1/2017	2/4/2018	34/71	22495	38812	120715	75240	172226	288877	345463	394436	N/S
30025431670000	LEGACY RESOURCES OPERATING LLC	HAMON A FEDERAL COM 4H	20S	34E	6	10/5/2014	12/27/2014	15753	13824	23381	69803	56332	97024	210800	241766	310888	N/S
30025434130000	KT ENERGY INC	SEVERUS 31 FEDERAL COM 1H	20S	34E	30	10/12/2017	5/21/2018	13707	35570	58296	97241	100132	147267	319911	338923	391855	N/S
30025431350000	LEGACY RESOURCES OPERATING LLC	HAMON A FEDERAL COM 3H	20S	34E	6	9/2/2013	11/13/2013	14038	17620	31581	125185	89317	86633	256619	255200	318816	N/S
30025434160000	KT ENERGY INC	SEVERUS 31 FEDERAL COM 2H	20S	34E	30	11/30/2017	5/21/2018	14223	37858	83823	157619	162060	227583	426943	57387	718112	N/S
30025434170000	KT ENERGY INC	SEVERUS 31 FEDERAL COM 3H	20S	34E	30	1/8/2018	5/21/2018	14223	45555	101407	158923	175623	259419	440584	539552	819530	N/S
30025434890000	KT ENERGY INC	CHISTERA 32 STATE COM 2H	20S	33E	30	8/8/2018	1/22/2019	14494	34511	124290	79258	82424	33358	14870	151672	637869	N/S
30025434800000	LEGACY RESOURCES OPERATING LLC	HAMON A FEDERAL COM 3H	21S	33E	6	10/18/2011	3/4/2012	8665	8322	48947	31076	38362	82096	187145	261368	545417	N/S
30025434780000	LEGACY RESOURCES OPERATING LLC	OUTLAND 22 FEDERAL COM 2H	20S	33E	20	8/7/2012	1/24/2015	13829	12771	38100	27074	35582	115463	212057	204632	515016	N/S
30025434330000	LEGACY RESOURCES OPERATING LLC	SEVERUS 31 STATE COM 2H	21S	33E	5	10/14/2014	5/19/2015	14719	42005	85592	110356	189558	351227	540315	1315605	1932877	N/S
30025434650000	KT ENERGY INC	CHISTERA 32 STATE COM 2H	20S	33E	32	9/2/2018	1/22/2019	12749	28043	125107	60553	87940	337222	132142	178992	507210	N/S
30025432990000	LEGACY RESOURCES OPERATING LLC	BECKWELL STATE COM 3H	21S	33E	5	12/31/2013	4/16/2014	9565	13201	33064	45339	58410	138837	133848	221496	548868	N/S
30025435620000	KT ENERGY INC	HAMON B 7 STATE COM 4H	20S	33E	36	3/10/2014	10/22/2014	15423	17789	53084	53766	58601	118162	322248	474573	1049844	N/S
30025434800000	KT ENERGY INC	BECKWELL STATE COM 2H	21S	33E	5	7/2/2017	10/14/2017	35749	54967	74483	173132	260407	393860	587097	1045344	152147	N/S
30025434690000	KT ENERGY INC	CHISTERA 32 STATE COM 1H	20S	33E	32	10/5/2018	1/22/2019	15231	13817	97746	49214	58276	230415	104409	156221	361258	N/S
30025434180000	LEGACY RESOURCES OPERATING LLC	SEVERUS 31 FEDERAL COM 2H	20S	34E	16	9/5/2014	11/16/2014	17507	9912	44208	55769	31297	121446	214149	191198	386985	N/S
30025434341000	LEGACY RESOURCES OPERATING LLC	HAMON FEDERAL COM 2H	20S	34E	6	9/29/2018	1/17/2019	12980	7087	33560	49941	32006	131191	86074	52077	227946	N/S
30025434341000	LEGACY RESOURCES OPERATING LLC	VERNA 34E FEDERAL CO 134H	20S	34E	6	9/22/2018	1/17/2019	14885	12660	34944	59165	53029	148626	108075	91466	251572	N/S
30025434780000	KT ENERGY INC	TOQUE STATE COM 601H	21S	33E	6	9/15/2019	1/13/2020	29824	38597	151997	Only 3 Months	Only 3 Months	Only 3 Months	115305	136685	490748	N/S
30025434780000	KT ENERGY INC	TOQUE STATE COM 602H	21S	33E	6	7/19/2019	1/13/2020	21115	30352	77385	Only 3 Months	Only 3 Months	Only 3 Months	78877	103059	238378	N/S
30025434811000	LEGACY RESOURCES OPERATING LLC	MINIS 1 FEDERAL COM 000H	21S	32E	1	8/1/2019	10/21/2019	28730	28517	82830	105722	97963	278364	157315	144849	388552	N/S
30025434858000	LEGACY RESOURCES OPERATING LLC	MINIS 1 FEDERAL COM 007H	21S	32E	1	8/1/2019	1/8/2020	34488	35770	96332	145683	132889	385805	264512	295022	781555	N/S
30025435156000	NEWBOLD OIL CO	CAPER 20-29 33CN FED 002H	21S	33E	17	9/18/2018	2/14/2019	31796	36464	102519	127636	215071	536911	242700	43229	533549	N/S
30025435300000	LEGACY RESOURCES OPERATING LLC	AZTEC 14-23 38S FED 002H	21S	33E	11	9/40/2019	1/11/2020	25260	43361	97859	139040	184073	436764	122398	205724	472994	N/S
30025435350000	LEGACY RESOURCES OPERATING LLC	AZTEC 14-23 38S FED 003H	21S	33E	11	10/15/2019	1/11/2020	28793	41243	95957	113352	181451	395566	125765	202917	426893	N/S
30025435480000	KT ENERGY INC	BIG MOOSE FED COM 624H	21S	32E	1	1/18/2020	In Progress										380 BSGS


Ascent Energy, LLC

Case Nos.

Exhibit

3rd Bone Spring Sand Production

Oct. 20, 2020

Oct 13, 2020

BLM-101
 BLM-102
 BLM-103
 BLM-104
 BLM-105
 BLM-106
 BLM-107
 BLM-108
 BLM-109
 BLM-110
 BLM-111
 BLM-112
 BLM-113
 BLM-114
 BLM-115
 BLM-116
 BLM-117
 BLM-118
 BLM-119
 BLM-120

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

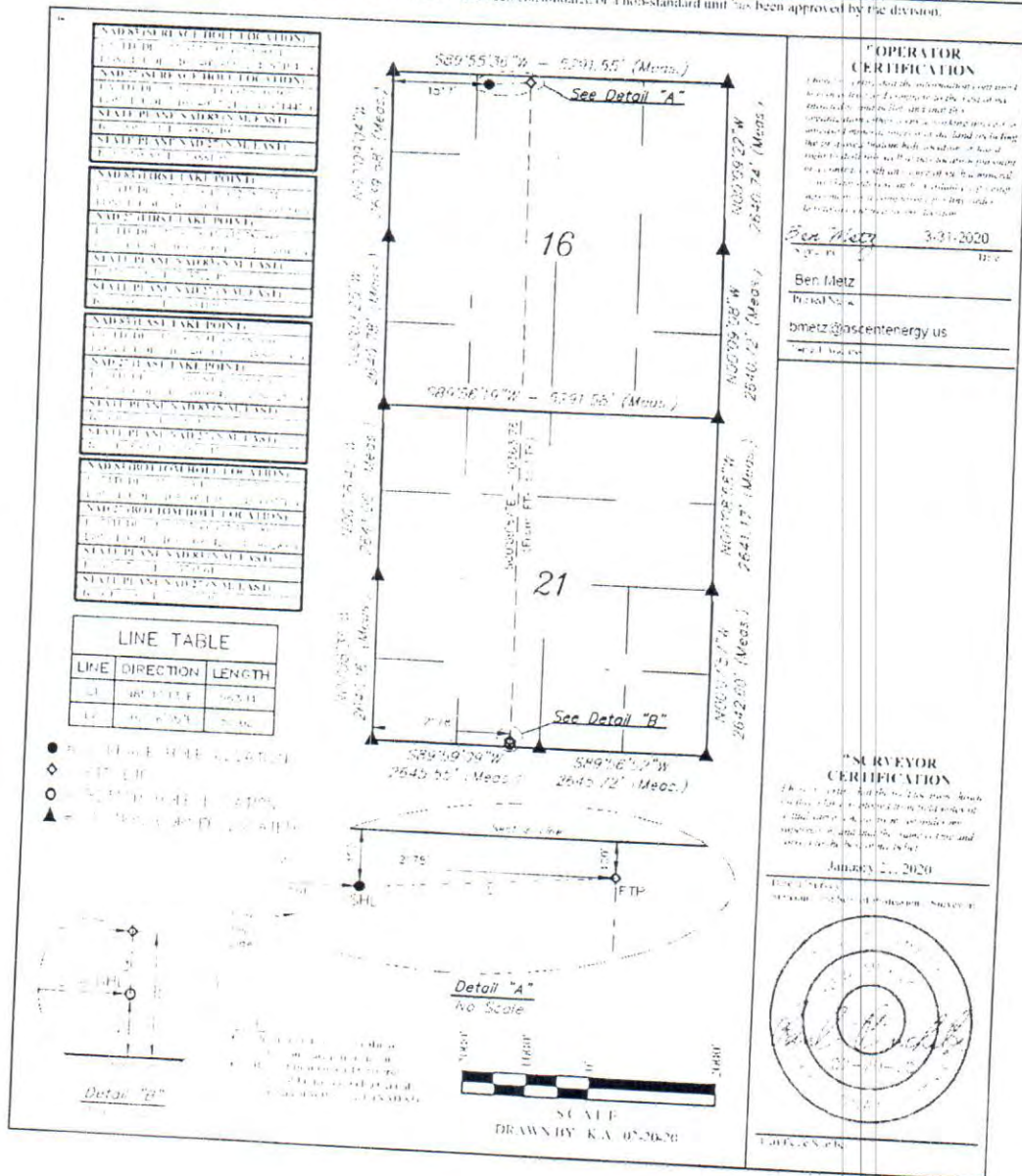
Form C-102
 Revised August 1, 2011
 Submit one copy to appropriate
 District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Well Name	
*Property Code		*Property Name	
*Owner No.		*Operator Name	
*Well Number		*Location	
Surface Location Section 16 Township 10N Range 14E Twp 10N R 14E Feet from the 155 North/South line NORTH Feet from the 157 East/West line WEST County LLA			
Bottom Hole Location If Different From Surface Section 21 Township 10N Range 14E Twp 10N R 14E Feet from the 50 North/South line SOUTH Feet from the 2178 East/West line WEST County LLA			
*Dedicated Acres 1.50 *Consolidation Code *Order No.			

No allowance will be assigned to this plat unless all interests have been consolidated or a non-standard unit has been approved by the division.



Ascent Energy, LLC	
Case No.	Exhibit
Pony Express FED COM 503H	
C-102 Well Plat	
Oct 13, 2020	

Block 1
 125 W. 1st St. Santa Fe, NM 87501
 Block 2
 125 W. 1st St. Santa Fe, NM 87501
 Block 3
 125 W. 1st St. Santa Fe, NM 87501
 Block 4
 125 W. 1st St. Santa Fe, NM 87501
 Block 5
 125 W. 1st St. Santa Fe, NM 87501
 Block 6
 125 W. 1st St. Santa Fe, NM 87501
 Block 7
 125 W. 1st St. Santa Fe, NM 87501
 Block 8
 125 W. 1st St. Santa Fe, NM 87501
 Block 9
 125 W. 1st St. Santa Fe, NM 87501
 Block 10
 125 W. 1st St. Santa Fe, NM 87501

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

API Number		Fund Code		Fund Name	
Property Code		Property Name		Well Number	
Location		Operator Name		Elevation	
		ASCENT ENERGY		60211	
				3552.9'	

Surface Location

Section	Township	Range	East Idm	Feet from the	North/South line	Feet from the	East/West line	County
155	20S	34E	155	155	NORTH	1467	WEST	LEA

"Bottom Hole Location If Different From Surface"

Section	Township	Range	East Idm	Feet from the	North/South line	Feet from the	East/West line	County
50	20S	34E	50	50	SOUTH	1650	WEST	LEA

Dedicated Acres: 1.00

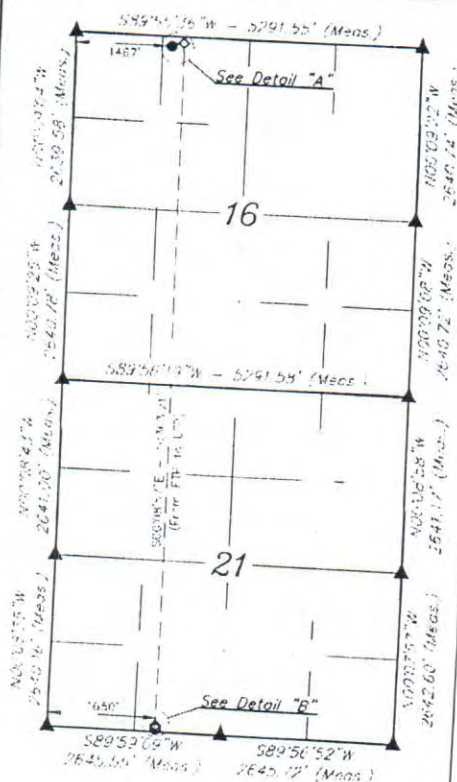
Consolidation Code: 1

Order No.:

Boundaries will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division

NAD 83 BOREHOLE LOCATION

LINE	DIRECTION	LENGTH
1	S89°52'09"W	2642.12'
2	S89°52'09"W	2642.12'
3	S89°52'09"W	2642.12'
4	S89°52'09"W	2642.12'
5	S89°52'09"W	2642.12'
6	S89°52'09"W	2642.12'
7	S89°52'09"W	2642.12'
8	S89°52'09"W	2642.12'
9	S89°52'09"W	2642.12'
10	S89°52'09"W	2642.12'
11	S89°52'09"W	2642.12'
12	S89°52'09"W	2642.12'
13	S89°52'09"W	2642.12'
14	S89°52'09"W	2642.12'
15	S89°52'09"W	2642.12'
16	S89°52'09"W	2642.12'
17	S89°52'09"W	2642.12'
18	S89°52'09"W	2642.12'
19	S89°52'09"W	2642.12'
20	S89°52'09"W	2642.12'
21	S89°52'09"W	2642.12'
22	S89°52'09"W	2642.12'
23	S89°52'09"W	2642.12'
24	S89°52'09"W	2642.12'
25	S89°52'09"W	2642.12'
26	S89°52'09"W	2642.12'
27	S89°52'09"W	2642.12'
28	S89°52'09"W	2642.12'
29	S89°52'09"W	2642.12'
30	S89°52'09"W	2642.12'
31	S89°52'09"W	2642.12'
32	S89°52'09"W	2642.12'
33	S89°52'09"W	2642.12'
34	S89°52'09"W	2642.12'
35	S89°52'09"W	2642.12'
36	S89°52'09"W	2642.12'
37	S89°52'09"W	2642.12'
38	S89°52'09"W	2642.12'
39	S89°52'09"W	2642.12'
40	S89°52'09"W	2642.12'
41	S89°52'09"W	2642.12'
42	S89°52'09"W	2642.12'
43	S89°52'09"W	2642.12'
44	S89°52'09"W	2642.12'
45	S89°52'09"W	2642.12'
46	S89°52'09"W	2642.12'
47	S89°52'09"W	2642.12'
48	S89°52'09"W	2642.12'
49	S89°52'09"W	2642.12'
50	S89°52'09"W	2642.12'
51	S89°52'09"W	2642.12'
52	S89°52'09"W	2642.12'
53	S89°52'09"W	2642.12'
54	S89°52'09"W	2642.12'
55	S89°52'09"W	2642.12'
56	S89°52'09"W	2642.12'
57	S89°52'09"W	2642.12'
58	S89°52'09"W	2642.12'
59	S89°52'09"W	2642.12'
60	S89°52'09"W	2642.12'
61	S89°52'09"W	2642.12'
62	S89°52'09"W	2642.12'
63	S89°52'09"W	2642.12'
64	S89°52'09"W	2642.12'
65	S89°52'09"W	2642.12'
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67	S89°52'09"W	2642.12'
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71	S89°52'09"W	2642.12'
72	S89°52'09"W	2642.12'
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74	S89°52'09"W	2642.12'
75	S89°52'09"W	2642.12'
76	S89°52'09"W	2642.12'
77	S89°52'09"W	2642.12'
78	S89°52'09"W	2642.12'
79	S89°52'09"W	2642.12'
80	S89°52'09"W	2642.12'
81	S89°52'09"W	2642.12'
82	S89°52'09"W	2642.12'
83	S89°52'09"W	2642.12'
84	S89°52'09"W	2642.12'
85	S89°52'09"W	2642.12'
86	S89°52'09"W	2642.12'
87	S89°52'09"W	2642.12'
88	S89°52'09"W	2642.12'
89	S89°52'09"W	2642.12'
90	S89°52'09"W	2642.12'
91	S89°52'09"W	2642.12'
92	S89°52'09"W	2642.12'
93	S89°52'09"W	2642.12'
94	S89°52'09"W	2642.12'
95	S89°52'09"W	2642.12'
96	S89°52'09"W	2642.12'
97	S89°52'09"W	2642.12'
98	S89°52'09"W	2642.12'
99	S89°52'09"W	2642.12'
100	S89°52'09"W	2642.12'



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief, and that no fraud or deception has been practiced in the preparation of this plat.

Ben Metz 3-31-2020

Ben Metz

benmetz@ascenergy.us

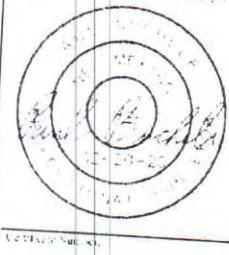
"SURVEYOR CERTIFICATION"

I hereby certify that the well location shown on this plat is in accordance with the survey conducted by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

January 21, 2020

David N. Metz

Surveyor and Seal of the State of New Mexico

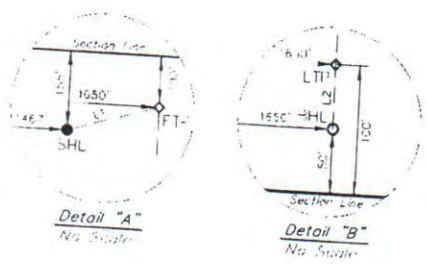


● = SURFACE WELL LOCATION
 ◆ = BOTTOM HOLE LOCATION
 ○ = BOTTOM HOLE LOCATION
 ▲ = SECTION CORNER LOCATION

SCALE

1" = 100'

DRAWN BY: KAY 03/20/20



Ascent Energy, LLC

Case No. Exhibit

Pony Express FED COM 602H
 C-102 Well Plat

Oct 13, 2020

District
 State of New Mexico
 Energy, Minerals & Natural Resources Department
 OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505
 Phone (505) 827-3300
 Fax (505) 827-3301
 Email: ocd@state.nm.us

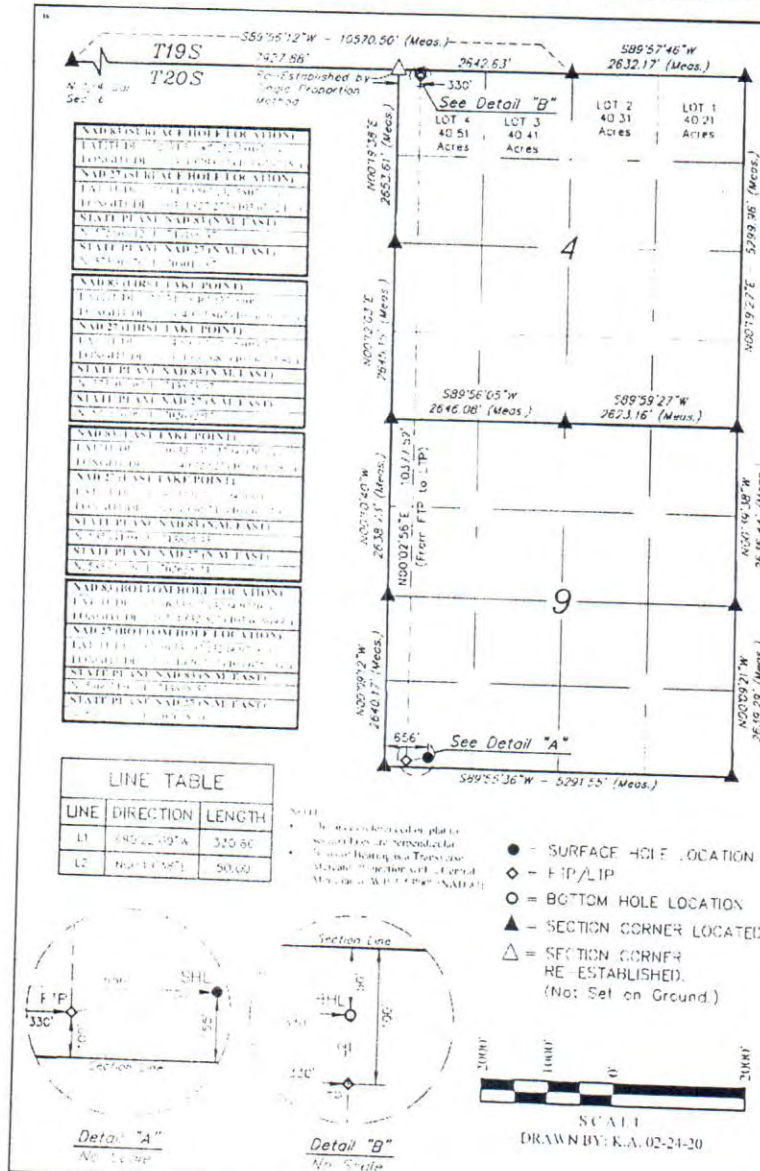
State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code		*Pool Name	
*Property Code		*Property Name		*Well Number	
*Dedicated Area		*Operator Name		*Elevation	
*Surface Location					
U or T	Section	Township	Range	East from the	North-South line
N	9	20N	35E	155	SOUTH
				Feet from the	East-West line
				650	WEST
				County	
				H&A	
*Bottom Hole Location If Different From Surface					
U or T	Section	Township	Range	East from the	North-South line
N	9	20N	35E	50	NORTH
				Feet from the	East-West line
				330	WEST
				County	
				H&A	
*Dedicated Area		*Consolidation Code		*Order No.	
320.51					

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



"OPERATOR CERTIFICATION"
 I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief and that the same is a true and correct representation of the facts and circumstances as they exist at the time of completion of this plat.
 Ben Metz
 3-31-2020
 bmetz@ascenergy.us

"SURVEYOR CERTIFICATION"
 I hereby certify that the well location shown on this plat was located in accordance with the provisions of the New Mexico Oil and Gas Act, and that the same is a true and correct representation of the facts and circumstances as they exist at the time of completion of this plat.
 January 30, 2020
 David L. Smith
 David L. Smith Professional Surveyor

Ascent Energy, LLC	
Case No.	Exhibit
Silver FED COM 501H C-102 Well Plat	
Oct 13, 2020	

Drafted by: [Name]
 Drawn by: [Name]
 Checked by: [Name]
 Date: [Date]
 Project: [Project Name]
 Location: [Location]
 Scale: [Scale]
 Units: [Units]
 Notes: [Notes]

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

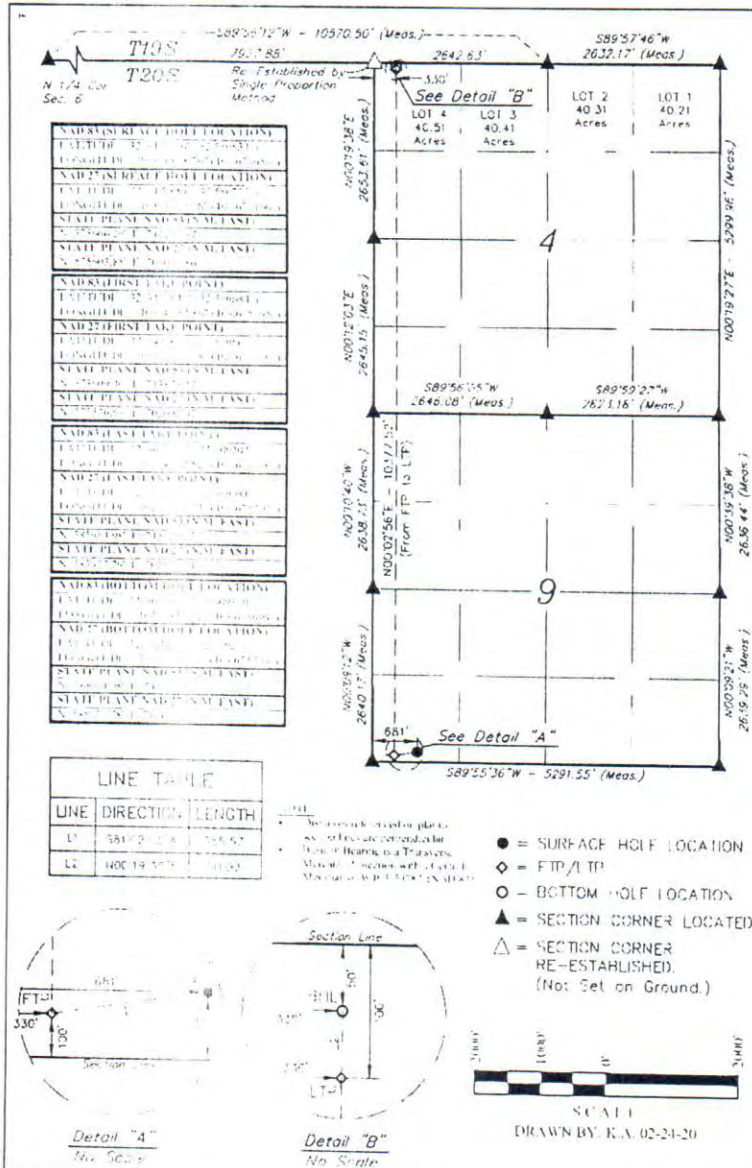
Form C-102
 Revised August 1, 2011
 Submit one copy to appropriate
 District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

* Well Number		* Well Code		* Well Name	
* Property Code		* Property Name		* Well Number	
* OGDID No.		* Operator Name		* Elevation	
		SILVER FED COM		601H	
		ASCENT ENERGY		3531.2'	
* Surface Location					
U. or S. Sec.	Section	Township	Range	Foot Note	Foot Note
4	1	20N	33E	Foot from the 155	Foot from the 681
				North/South line SOUTH	East/West line WEST
* Bottom Hole Location If Different From Surface					
U. or S. Sec.	Section	Township	Range	Foot Note	Foot Note
4	1	20N	33E	Foot from the 50	Foot from the 330
				North/South line NORTH	East/West line WEST
* Dedicated Acres		* Consolidation Code		* Order No.	
320.51					

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



*** OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief, and that I am the duly authorized representative of the operator.

Ben Metz 3-31-2020

Ben Metz
Operator
bmetz@ascentenergy.us

*** SURVEYOR CERTIFICATION**

I hereby certify that the well location shown on this plat was surveyed from fixed corners or monuments, and that the same are true and correct to the best of my knowledge.

January 30, 2020

Michael Buckle

Michael Buckle
Surveyor

Ascent Energy, LLC	
Case No.	Exhibit
Silver FED COM 601H C-102 Well Plat	
Oct 13, 2020	

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

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

Case Nos. 21502, 21504, and 21506

VERIFIED STATEMENT OF WILLIAM 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 Attachment A pertain to the Wolfcamp formation, which is prospective in this area. They show:
 - (a) Structure of the Wolfcamp A zone. They show that structure dips to the south. The plat also shows producing Wolfcamp wells in the area.
 - (b) A Gross isopach of the Wolfcamp A zone. This zone is continuous across the well units being pooled. It also shows a line of cross-section.
 - (c) A cross-section of the Wolfcamp A zone. The well logs on the cross-sections give a representative sample of Wolfcamp A zone in this area.
 - (d) A list of producing Wolfcamp A and Wolfcamp XY wells in the area. Based on production, there is a preferred North-South orientation in this area.
4. The C-102s for the wells are attached as Attachment B, showing the first and last take points. The wells comply with the Division's setback requirements.
5. I conclude from the maps that:
 - (a) The Wolfcamp horizontal spacing unit is justified from a geologic standpoint, and horizontal drilling is the best method to produce Wolfcamp reserves in this area.
 - (b) Each quarter-quarter section in the well units will contribute more or less equally to production.

EXHIBIT

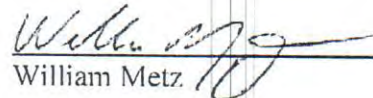
3B

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

6. The granting of this application is in the interests of conservation and the prevention of waste.

7. I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 6 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: 11-3-2020


William Metz

Pony Express

Case No. 21501: W2W2 Bone Spring 501H, 502H & 601H

Case No. 21502: Wolfcamp 701H

Case No. 21503: E2W2 Bone Spring 503H & 602H

Case No. 21504: E2W2 Wolfcamp 702H

Silver

Case No. 21505: W2W2 Bone Spring 501H, 502H & 601H

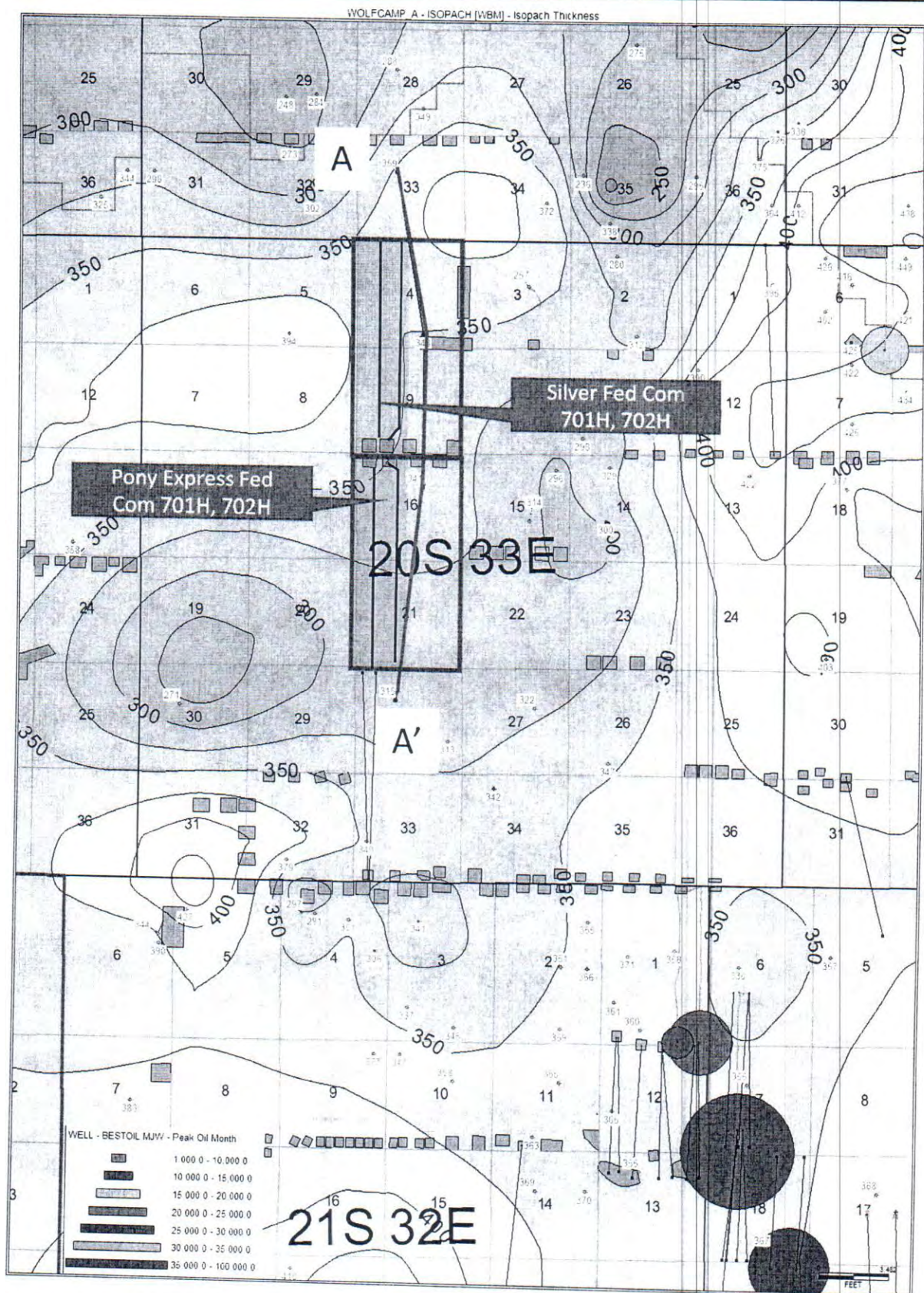
Case No. 21506: Wolfcamp 701H

Case No. 21507 E2W2 Bone Spring 503H & 602H

Case No. 21508: E2W2 Wolfcamp 702H

ATTACHMENT

A



Proposed Pooling Units

Pony Express & Silver BLM Approved
Potash Development Areas

Ascent Energy, LLC



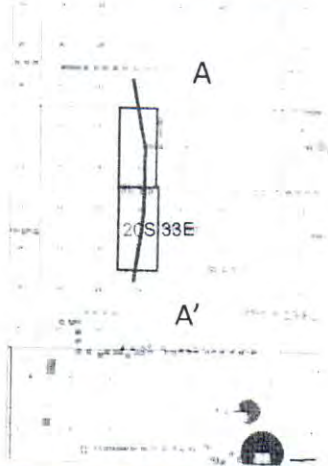
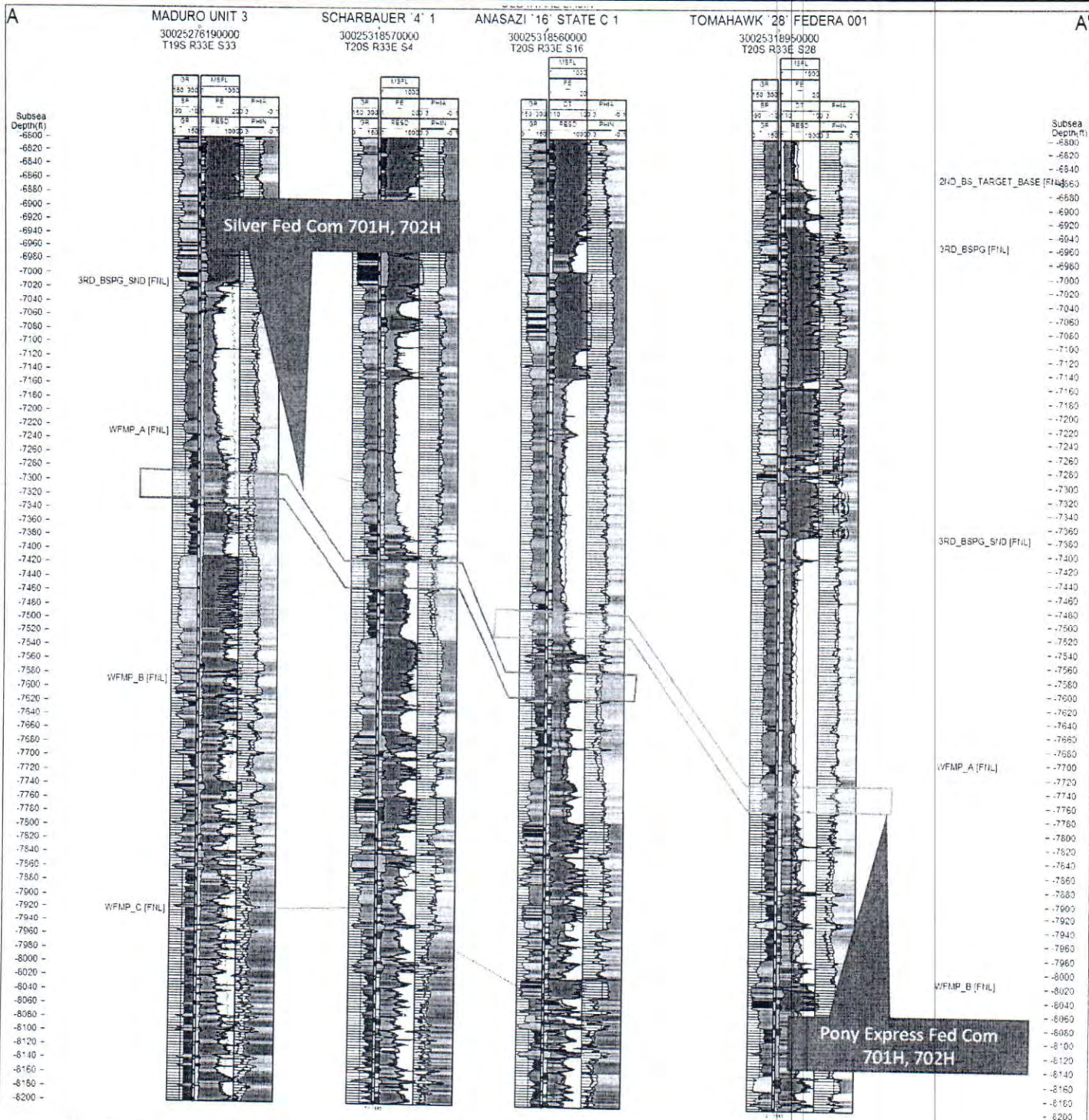
Case Nos.

Exhibit

Wolfcamp A Gross Isopach &
Producing Wolfcamp Wells & Wolfcamp Permits

CI = 25'

Oct. 20, 2020



Ascent Energy, LLC	
Case Nos.	Exhibit
Wolfcamp Structural Cross Section	
Oct. 20, 2020	

District I
 1635 N. French Dr., P.O. Box NM 87510
 Phone: (505) 324-6161 Fax: (505) 324-6120
District II
 811 S. First St., Artesia, NM 86210
 Phone: (505) 748-1241 Fax: (505) 758-9720
District III
 5040 Rio Brazos Road, Aztec, NM 87410
 Phone: (505) 344-6178 Fax: (505) 344-6170
District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505
 Phone: (505) 276-1401 Fax: (505) 276-1422

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 PONY EXPRESS FED COM			
6 DCRID No.		7 Operator Name ASCENT ENERGY			
		8 Well Number 701H			
		9 Elevation 3530.4'			
10 Surface Location					
11 or 12	Section	Township	Range	Lot Idn	Feet from the
D	16	20S	33E	155	North/South line NORTH
					Feet from the 706
					East/West line WEST
					County LEA
11 Bottom Hole Location If Different From Surface					
11 or 12	Section	Township	Range	Lot Idn	Feet from the
M	21	20S	33E	50	North/South line SOUTH
					Feet from the 990
					East/West line WEST
					County LEA
13 Dedicated Acres 320		14 Joint or Infill		15 Consultation Code	
				16 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.

LINE TABLE

LINE	DIRECTION	LENGTH
L1	N 78°58'28"E	289.55'
L2	S 00°08'35"E	50.00'

NAD 83 SURFACE HOLE LOCATION
 LATITUDE: 32°54'47.91" N (32°54'47.91")
 LONGITUDE: -103°40'28.15" W (103°40'28.15")

NAD 83 SURFACE HOLE LOCATION
 LATITUDE: 32°54'47.91" N (32°54'47.91")
 LONGITUDE: -103°40'28.15" W (103°40'28.15")

STATE PLANE NAD 83 (N.M. EAST)
 N: 32545.51' E: 744246.63'

STATE PLANE NAD 83 (N.M. EAST)
 N: 32545.51' E: 744246.63'

NAD 83 FIRST TAKE POINT
 LATITUDE: 32°54'47.91" N (32°54'47.91")
 LONGITUDE: -103°40'28.15" W (103°40'28.15")

NAD 83 FIRST TAKE POINT
 LATITUDE: 32°54'47.91" N (32°54'47.91")
 LONGITUDE: -103°40'28.15" W (103°40'28.15")

STATE PLANE NAD 83 (N.M. EAST)
 N: 32545.51' E: 744246.63'

STATE PLANE NAD 83 (N.M. EAST)
 N: 32545.51' E: 744246.63'

NAD 83 LAST TAKE POINT
 LATITUDE: 32°54'47.91" N (32°54'47.91")
 LONGITUDE: -103°40'28.15" W (103°40'28.15")

NAD 83 LAST TAKE POINT
 LATITUDE: 32°54'47.91" N (32°54'47.91")
 LONGITUDE: -103°40'28.15" W (103°40'28.15")

STATE PLANE NAD 83 (N.M. EAST)
 N: 32545.51' E: 744246.63'

STATE PLANE NAD 83 (N.M. EAST)
 N: 32545.51' E: 744246.63'

NAD 83 BOTTOM HOLE LOCATION
 LATITUDE: 32°54'47.91" N (32°54'47.91")
 LONGITUDE: -103°40'28.15" W (103°40'28.15")

NAD 83 BOTTOM HOLE LOCATION
 LATITUDE: 32°54'47.91" N (32°54'47.91")
 LONGITUDE: -103°40'28.15" W (103°40'28.15")

STATE PLANE NAD 83 (N.M. EAST)
 N: 32545.51' E: 744246.63'

STATE PLANE NAD 83 (N.M. EAST)
 N: 32545.51' E: 744246.63'

Legend:
 ● = SURFACE HOLE LOCATION
 ◆ = FTP/LTP
 ○ = BOTTOM HOLE LOCATION
 ▲ = SECTION CORNER LOCATED

SCALE
 0 1000 2000
 FEET

DRAWN BY: D.P. 02-24-20

NOTE:
 • Distances referenced on plot to section lines are perpendicular.
 • Basis of bearing is a True-averse Magnetic Projection with a Central Meridian of W 103° 53' 00" NAD 83.

Detail "B" No Scale

OPERATOR CERTIFICATION
 I hereby certify that the information contained herein is true and correct, to the best of my knowledge and belief, and that the organization either owns or is working interest or holds mineral interest in the land including the proposed well location or has a right to drill this well on this location pursuant to a contract with an owner of such mineral or working interest, or has voluntarily purchased or acquired a competing position or other interest in the land.

Signed: Ben Metz
Date: 3-31-2020
Printed Name: Ben Metz
Email Address: bmetz@ascenergy.us

SURVEYOR CERTIFICATION
 I hereby certify that the well location shown on this plat was located from reliable data and that the same is true and correct in all respects.

Date of Survey: January 30, 2020
Signature and Seal of Professional Surveyor:

Certificate Number:

ATTACHMENT 13

Ascent Energy, LLC	
Case No.	Exhibit
Pony Express FED COM 701H C-102 Well Plat	
Oct 13, 2020	

District I
 522 N. Torch Dr., Hobbs, NM 88240
 Phone: (505) 393-6161 Fax: (505) 393-6126
 District II
 511 S. First St., Artesia, NM 88210
 Phone: (505) 746-1281 Fax: (505) 746-0750
 District III
 7500 E. Indian Road, Artesia, NM 87410
 Phone: (505) 334-6178 Fax: (505) 334-6170
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505
 Phone: (505) 436-4460 Fax: (505) 436-4367

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 PONY EXPRESS FED COM			
6 GRID No.		7 Operator Name ASCENT ENERGY			
		8 Well Number 702H			
		9 Elevation 3532.9'			

10 Surface Location									
U. or lot no. C	Section 16	Township 20S	Range 33E	Lot Idn	Feet from the 155	North/South line NORTH	Feet from the 1492	East/West line WEST	County LEA

11 Bottom Hole Location If Different From Surface									
U. or lot no. N	Section 21	Township 20S	Range 33E	Lot Idn	Feet from the 50	North/South line SOUTH	Feet from the 2310	East/West line WEST	County LEA
12 Dedicated Acres 320		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

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N86°04'42"E	819.58'
L2	S00°08'35"E	56.00'

● = SURFACE HOLE LOCATION
 ◆ = FTP/LTP
 ○ = BOTTOM HOLE LOCATION
 ▲ = SECTION CORNER LOCATED

NOTE:
 • Distances referenced on plat to section units are perpendicular.
 • Basis of Bearing is a Trueverse Magnetic Bearing with a Central Meridian of W101°50'00" (RAD 83).

Detail "A"
 No Scale

Detail "B"
 No Scale

SCALE
 DRAWN BY: K.A. 02-20-20

OPERATOR CERTIFICATION
 I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well as this is an agreement in a contract with an owner of such a mineral or a working interest or has a valid power of attorney or a comparable providing order recorded with the division.

Ben Metz 3-31-2020
 Signature Date
 Ben Metz
 Printed Name
 bmetz@ascentenergy.us
 E-mail Address
 Local Address

SURVEYOR CERTIFICATION
 I hereby certify that the well location shown on this plat was plotted from field notes of a land survey made by me or under my supervision, and that the same is true and correct to the best of my belief.

January 21, 2020
 Date of Survey
 Signature and Seal of Professional Surveyor

PAUL BUCHELF
 NEW MEXICO
 02-20-20
 PROFESSIONAL SURVEYOR

Certificate Number

Ascent Energy, LLC	
Case No.	Exhibit
Pony Express FED COM 702H C-102 Well Plat	
Oct 13, 2020	

District I
1625 N. Pennsylvania Dr. Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-6120
District II
111 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 728-9720
District III
1000 Rio Hondo Road, Aztec, NM 87410
Phone: (505) 334-6175 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		6. Well Number	
7. OGRID No.		8. Operator Name		9. Elevation	

* Surface Location

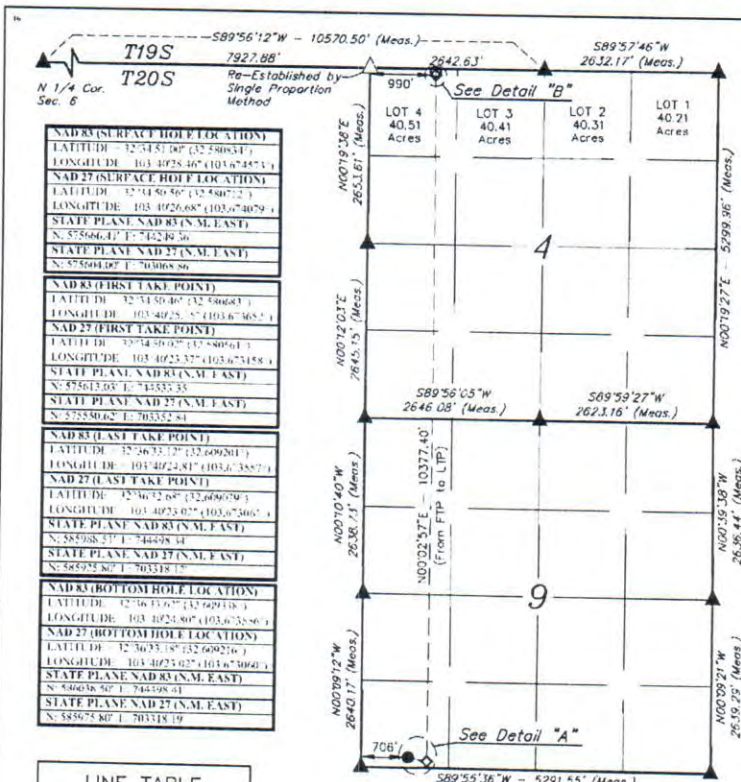
U. of lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	9	20S	33E		155	SOUTH	706	WEST	LEA

* Bottom Hole Location If Different From Surface

U. of lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	2	20S	33E		50	NORTH	990	WEST	LEA

10. Dedicated Acres	11. Joint or Infill	12. Consolidation Code	13. Order No.
320.51			

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.



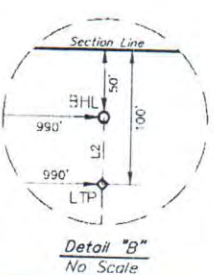
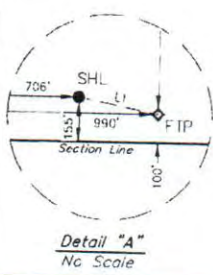
LINE TABLE

LINE	DIRECTION	LENGTH
L1	S79°06'47"E	289.01'
L2	N00°19'38"E	50.00'

NOTES

- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearing is a Transverse Mercator Projection with a central Meridian at W104°50'00" (NAD 83).

- = SURFACE HOLE LOCATION
- ◆ = FIP/LTP
- = BOTTOM HOLE LOCATION
- ▲ = SECTION CORNER LOCATED
- △ = SECTION CORNER RE-ESTABLISHED (Not Set on Ground.)



*** 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 or working interest in 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.

Ben Metz 3-31-2020
Signature Date

Ben Metz
Printed Name

bmetz@ascenergy.us
E-mail Address

*** SURVEYOR CERTIFICATION**

I hereby certify that the well location shown on this plat was plotted from field notes of a survey made by me or under my supervision and that the same is true and correct to the best of my belief.

January 30, 2020
Date of Survey

Paul Buchele
Signature and Seal of Professional Surveyor

PAUL BUCHELE
NEW MEXICO
02-24-20
PROFESSIONAL SURVEYOR

Certificate Number:

Ascent Energy, LLC	
Case No.	Exhibit
Silver FED COM 701H C-102 Well Plat	
Oct 13, 2020	

**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. 21505

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

Case No. 21506

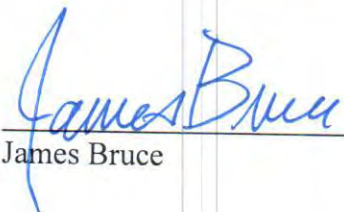
SELF-AFFIRMED STATEMENT OF NOTICE

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

James Bruce 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 last known addresses, by certified mail. Copies of the notice letter and certified return receipts are attached hereto as Attachment A.
5. Ascent Energy, LLC has complied with the notice provisions of Division Rules.
6. I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 5 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: 11/4/20


James Bruce

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

October 15, 2020

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. Case No. 21505, for three Bone Spring wells in the W/2W/2 of Section 4 and the W2W/2 of Section 9; and
2. Case No. 21506, for one Wolfcamp well in the W/2W/2 of Section 4 and W/2W/2 of Section 9,

All in Township 20 South, Range 33 East, NMPM, Lea County, New Mexico.

These matters are scheduled for hearing at 8:15 a.m. on Thursday, November 5, 2020. During the COVID-19 Public Health Emergency, state buildings are closed to the public and the hearing will be conducted remotely. To determine the location of the hearing or to participate in an electronic hearing, go to emnrd.state.nm.us/OCD/hearings or see the instructions posted on the Division's website, <http://emnrd.state.nm.us/OCD/announcements.html>.

You are not required to attend this hearing, but as an owner of an interest who may be affected by the 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, October 29, 2020. This statement may be filed online with the Division at ocd.hearings@state.nm.us, and should include: The name of the party and his or her attorney; a concise statement of the case; the name(s) of the witness(es) the party will call to testify at the hearing; the approximate time the party will need to present his or her case; and

ATTACHMENT /

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,

A handwritten signature in cursive script that reads "James Bruce". The signature is written in dark ink and is positioned above the printed name.

James Bruce

Attorney for Ascent Energy, LLC

Exhibit A

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

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

Devon Energy Operating Company, L.P.
Devon Energy Production Company, L.P.
333 W. Sheridan Ave.
Oklahoma City, OK 73102

Jetta-X2, LP
640 Taylor Street #2400
Fort Worth, TX 76102

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

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



9590 9402 5941 0062 9690 18

7019 2970 0001 4037 7384

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

Domestic Return Receipt

A 0506

U.S. Postal Service™

CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®

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 \$

Postmark
Here

Total Postage and Fees

Sent To Canterra Resources Partners, Ltd.
2615 East End Boulevard South
Marshall, Texas 75672

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature ☒ Agent
B. Received by (Printed Name) ☐ Addressee
C. Date of Delivery 10-21-2016
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
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

A 0506

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 5941 0062 9690 01

7019 2970 0001 4037 8008

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

Domestic Return Receipt

A 0506

U.S. Postal Service™

CERTIFIED MAIL® RECEIPT

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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 \$

Postmark
Here

Total Postage and Fees

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

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:

Devon Energy Operating Company, L.P.
Devon Energy Production Company, L.P.
333 W. Sheridan Ave.
Oklahoma City, OK 73102



9590 9402 5941 0062 9689 98

2. A 7019 2970 0001 4037

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

☒ Agent
☐ Addressee
B. Received by (Printed Name) Devon
C. Date of Delivery 0-19

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

☐ Insured Mail Restricted Delivery (over \$500)

A 0506 Domestic Return Receipt

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

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 Fee \$

Sent To Devon Energy Operating Company, L.P.

333 W. Sheridan Ave.
Oklahoma City, OK 73102

City, State, Zip+4®

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

See Reverse for Instructions

7019 2970 0001 4037 7988

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 Jetta-X2, LP

640 Taylor Street #2400
Fort Worth, TX 76102

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:

Jetta-X2, LP
640 Taylor Street #2400
Fort Worth, TX 76102



9590 9402 5941 0062 9689 81

2. Article

7019 2970 0001 4037 7988

over 9000

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature ☒ Agent
☐ Addressee
B. Received by (Printed Name) Devon
C. Date of Delivery 10-20-20
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
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery
ed Delivery

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

Domestic Return Receipt

COMPULSORY POOLING APPLICATION CHECKLIST

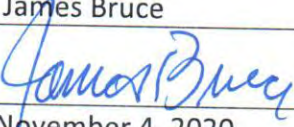
ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case:	21505
Date	November 5, 2020
Applicant	Ascent Energy, LLC
Designated Operator & OGRID (affiliation if applicable)	Ascent Energy, LLC/OGRID No. 325830
Applicant's Counsel:	James Bruce
Case Title:	Application of Ascent Energy, LLC for Compulsory Pooling, Lea County, New Mexico
Entries of Appearance/Intervenors:	
Well Family	Silver Bone Spring wells
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Entire Bone Spring formation
Pool Name and Pool Code:	Teas; Bone Spring/Pool Code 58960
Well Location Setback Rules:	Statewide rules and current horizontal well rules
Spacing Unit Size:	Quarter-quarter Section/40 acres
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320 acres
Building Blocks:	40 acres
Orientation:	South-North
Description: TRS/County	W/2W/2 §4 and W/2W/2 §9-20S-33E, NMPM, Lea County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	EXHIBIT 5
Applicant's Ownership in Each Tract	Exhibit 2-B
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Silver Fed. Com. Well No. 501H API No. 30-025-Pending SHL: 155 FSL & 656 FWL §9 BHL: 50 FNL & 330 FWL §4 FTP: 100 FSL & 330 FWL §9 LTP: 100 FNL & 330 FWL §4 Second Bone Spring Sand/TVD 9915 feet/MD 20147 feet

Silver Fed. Com. Well No. 502H
 API No. 30-025-Pending
 SHL: 155 FSL & 1443 FWL §9
 BHL: 50 FNL & 1254 FWL §4
 FTP: 100 FSL & 1254 FWL §9
 LTP: 100 FNL & 1254 FWL §4
 Second Bone Spring Sand/TVD 10072 feet/MD 20347 feet

Silver Fed. Com. Well No. 601H
 API No. 30-025-Pending
 SHL: 155 FSL & 656 FWL §9
 BHL: 50 FNL & 330 FWL §4
 FTP: 100 FSL & 330 FWL §9
 LTP: 100 FNL & 330 FWL §4
 Third Bone Spring Sand/TVD 10912 feet/MD 21200 feet

Horizontal Well First and Last Take Points	See above		
Completion Target (Formation, TVD and MD)	See above		
AFE Capex and Operating Costs			
Drilling Supervision/Month \$	\$8000		
Production Supervision/Month \$	\$800		
Justification for Supervision Costs	Exhibit 2, page 2		
Requested Risk Charge	Cost + 200%/Exhibit 2, page 2		
Notice of Hearing			
Proposed Notice of Hearing	Exhibit 1		
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit 4		
Proof of Published Notice of Hearing (10 days before hearing)	Not Needed		
Ownership Determination			
Land Ownership Schematic of the Spacing Unit	Exhibit 2-B		
Tract List (including lease numbers and owners)			
Pooled Parties (including ownership type)	Exhibit 2-B		
Unlocatable Parties to be Pooled	None		
Ownership Depth Severance (including percentage above & below)	None		
Joinder			
Sample Copy of Proposal Letter	Exhibit 2-C		
List of Interest Owners (i.e. Exhibit A of JOA)	Exhibit 2A-B		
Chronology of Contact with Non-Joined Working Interests	Exhibit 2		
Overhead Rates In Proposal Letter	\$8000/\$800		
Cost Estimate to Drill and Complete	Exhibit 2-D		
Cost Estimate to Equip Well	Exhibit 2-D		

Cost Estimate for Production Facilities	Exhibit 2-D
Geology	
Summary (including special considerations)	Exhibit 3A
Spacing Unit Schematic	Exhibit 3A
Gunbarrel/Lateral Trajectory Schematic	Exhibit A
Well Orientation (with rationale)	Standup/Exhibit 3A
Target Formation	Bone Spring
HSU Cross Section	Exhibit 3A
Depth Severance Discussion	Not Applicable
Forms, Figures and Tables	
C-102	Exhibit 3A-C
Tracts	Exhibit 2-B
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit 2-B
General Location Map (including basin)	Exhibit 2-A
Well Bore Location Map	Exhibit 2-B
Structure Contour Map - Subsea Depth	Exhibit 3-A
Cross Section Location Map (including wells)	Exhibit 3A
Cross Section (including Landing Zone)	Exhibit 3A
Additional Information	
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	James Bruce
Signed Name (Attorney or Party Representative):	
Date:	November 4, 2020

COMPULSORY POOLING APPLICATION CHECKLIST

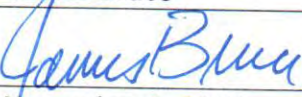
ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case:	21506
Date	November 5, 2020
Applicant	Ascent Energy, LLC
Designated Operator & OGRID (affiliation if applicable)	Ascent Energy, LLC/OGRID No. 325830
Applicant's Counsel:	James Bruce
Case Title:	Application of Ascent Energy, LLC for Compulsory Pooling, Lea County, New Mexico
Entries of Appearance/Intervenors:	
Well Family	Silver Wolfcamp wells
Formation/Pool	
Formation Name(s) or Vertical Extent:	Wolfcamp Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Entire Wolfcamp formation
Pool Name and Pool Code:	Hat Mesa; Wolfcamp/Pool Code 58960
Well Location Setback Rules:	Statewide rules and current horizontal well rules
Spacing Unit Size:	Quarter-quarter Section/40 acres
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320 acres
Building Blocks:	40 acres
Orientation:	South-North
Description: TRS/County	W/2W/2 §4 and W/2W/2 §9-20S-33E, NMPM, Lea County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	
Applicant's Ownership in Each Tract	Exhibit 2-B
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Silver Fed. Com. Well No. 701H API No. 30-025-Pending SHL: 155 FSL & 706 FWL §9 BHL: 50 FNL & 990 FWL §4 FTP: 100 FSL & 990 FWL §9 LTP: 100 FNL & 990 FWL §4 Wolfcamp/TVD 11165 feet/MD 213469feet

EXHIBIT

6

Horizontal Well First and Last Take Points	See above		
Completion Target (Formation, TVD and MD)	See above		
AFE Capex and Operating Costs			
Drilling Supervision/Month \$	\$8000		
Production Supervision/Month \$	\$800		
Justification for Supervision Costs	Exhibit 2, page 2		
Requested Risk Charge	Cost + 200%/Exhibit 2, page 2		
Notice of Hearing			
Proposed Notice of Hearing	Exhibit 1		
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit 4		
Proof of Published Notice of Hearing (10 days before hearing)	Not Needed		
Ownership Determination			
Land Ownership Schematic of the Spacing Unit	Exhibit 2-B		
Tract List (including lease numbers and owners)			
Pooled Parties (including ownership type)	Exhibit 2-B		
Unlocatable Parties to be Pooled	None		
Ownership Depth Severance (including percentage above & below)	None		
Joinder			
Sample Copy of Proposal Letter	Exhibit 2-C		
List of Interest Owners (<i>i.e.</i> Exhibit A of JOA)	Exhibit 2A-B		
Chronology of Contact with Non-Joined Working Interests	Exhibit 2		
Overhead Rates In Proposal Letter	\$8000/\$800		
Cost Estimate to Drill and Complete	Exhibit 2-D		
Cost Estimate to Equip Well	Exhibit 2-D		
Cost Estimate for Production Facilities	Exhibit 2-D		
Geology			
Summary (including special considerations)	Exhibit 3B		
Spacing Unit Schematic	Exhibit 3B		
Gunbarrel/Lateral Trajectory Schematic	Exhibit A		
Well Orientation (with rationale)	Standup/Exhibit 3B		
Target Formation	Wolfcamp		
HSU Cross Section	Exhibit 3B		
Depth Severance Discussion	Not Applicable		
Forms, Figures and Tables			
C-102	Exhibit 3A-C		

Tracts	Exhibit 2-B
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit 2-B
General Location Map (including basin)	Exhibit 2-A
Well Bore Location Map	Exhibit 2-B
Structure Contour Map - Subsea Depth	Exhibit 3B
Cross Section Location Map (including wells)	Exhibit 3B
Cross Section (including Landing Zone)	Exhibit 3B
Additional Information	
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	James Bruce
Signed Name (Attorney or Party Representative):	
Date:	November 4, 2020