

**CASE NOS. 21503 and 21504**

**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 21503
- 3B. Geologist's Affidavit – Case 21504
4. Affidavit of Notice
5. Pooling Checklist (Case No. 21503)
6. Pooling Checklist (Case No. 21504)

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

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

Case No. 21503

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 the E $\frac{1}{2}$ W $\frac{1}{2}$  of Section 16 and the E $\frac{1}{2}$ W $\frac{1}{2}$  of Section 21, 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 E $\frac{1}{2}$ W $\frac{1}{2}$  of Section 16 and the E $\frac{1}{2}$ W $\frac{1}{2}$  of Section 21, 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 Pony Express Fed. Com. Well No. 503H; and
  - (b) The Pony Express Fed. Com. Well No. 601H.

The wells are horizontal wells, with first take points in the NE $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 16 and final take points in the SE $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 21. Applicant will dedicate the E $\frac{1}{2}$ W $\frac{1}{2}$  of Section 16 and the E $\frac{1}{2}$ W $\frac{1}{2}$  of Section 21 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 E $\frac{1}{2}$ W $\frac{1}{2}$  of Section 16 and the E $\frac{1}{2}$ W $\frac{1}{2}$  of Section 21 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. Therefore, applicant seeks an order pooling all mineral interest owners in the Bone Spring

EXHIBIT 1

formation underlying the E½W½ of Section 16 and the E½W½ of Section 21 pursuant to NMSA 1978 §70-2-17.

5. The pooling of all mineral interest owners in the Bone Spring formation underlying the E½W½ of Section 16 and the E½W½ of Section 21 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 E½W½ of Section 16 and the E½W½ of Section 21;
- 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,

**COPY**

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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 the E/2W/2 of Section 16 and the E/2W/2 of Section 21, Township 20 South, Range 33 East, NMPM. The unit will be dedicated to the Pony Express Fed. Com. Well Nos. 503H and 602H, with first take points in the NE/4NW/4 of Section 16 and last take points in the SE/4SW/4 of Section 21. 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 4-1/2 miles northwest 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. 21504

**APPLICATION**

Ascent Energy, LLC applies for an order pooling all mineral interest owners in the Wolfcamp formation underlying a horizontal spacing unit comprised of the E $\frac{1}{2}$ W $\frac{1}{2}$  of Section 16 and the E $\frac{1}{2}$ W $\frac{1}{2}$  of Section 21, 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 E $\frac{1}{2}$ W $\frac{1}{2}$  of Section 16 and the E $\frac{1}{2}$ W $\frac{1}{2}$  of Section 21, and has the right to drill a well or wells thereon.

2. Applicant proposes to the drill Pony Express Fed. Com. Well No. 702H to test the Wolfcamp formation, with a first take point in the NE $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 16 and a final take point in the SE $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 21. Applicant will dedicate the E $\frac{1}{2}$ W $\frac{1}{2}$  of Section 16 and the E $\frac{1}{2}$ W $\frac{1}{2}$  of Section 21 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 E $\frac{1}{2}$ W $\frac{1}{2}$  of Section 16 and the E $\frac{1}{2}$ W $\frac{1}{2}$  of Section 21 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. Therefore, applicant seeks an order pooling all mineral interest owners in the Wolfcamp formation underlying the E $\frac{1}{2}$ W $\frac{1}{2}$  of Section 16 and the E $\frac{1}{2}$ W $\frac{1}{2}$  of Section 21 pursuant to NMSA 1978 §70-2-17.

5. The pooling of all mineral interest owners in the Wolfcamp formation underlying the E $\frac{1}{2}$ W $\frac{1}{2}$  of Section 16 and the E $\frac{1}{2}$ W $\frac{1}{2}$  of Section 21 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 E $\frac{1}{2}$ W $\frac{1}{2}$  of Section 16 and the E $\frac{1}{2}$ W $\frac{1}{2}$  of Section 21;
- 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,

**COPY**

---

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 the E/2W/2 of Section 16 and the E/2W/2 of Section 21, Township 20 South, Range 33 East, NMPM. The unit will be dedicated to the Pony Express Fed. Com. Well No. 702H, with a first take point in the NE/4NW/4 of Section 16 and a last take point in the SE/4SW/4 of Section 21. 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 4-1/2 miles northwest 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. 21503**

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

**Case No. 21504**

**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 Pony Express 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. 21503 Ascent seeks to pool the Bone Spring formation underlying a horizontal spacing unit comprised of comprised of the E/2W/2 of Section 16 and the E/2W/2 of Section 21, Township 20 South, Range 33 East, NMPM. The unit

EXHIBIT 2



will be dedicated to the Pony Express Fed. Com. Well Nos. 503H and 602H, with first take points in the NE/4NW/4 of Section 16 and last take points in the SE/4SW/4 of Section 21; and

(ii) In Case No. 21504 Ascent seeks to pool the Wolfcamp formation underlying a horizontal spacing unit comprised of the E/2W/2 of Section 16 and the E/2W/2 of Section 21, Township 20 South, Range 33 East, NMPM. The unit will be dedicated to the Pony Express Fed. Com. Well No. 702H, with a first take point in the NE/4NW/4 of Section 16 and a last take point in the SE/4SW/4 of Section 21.

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.

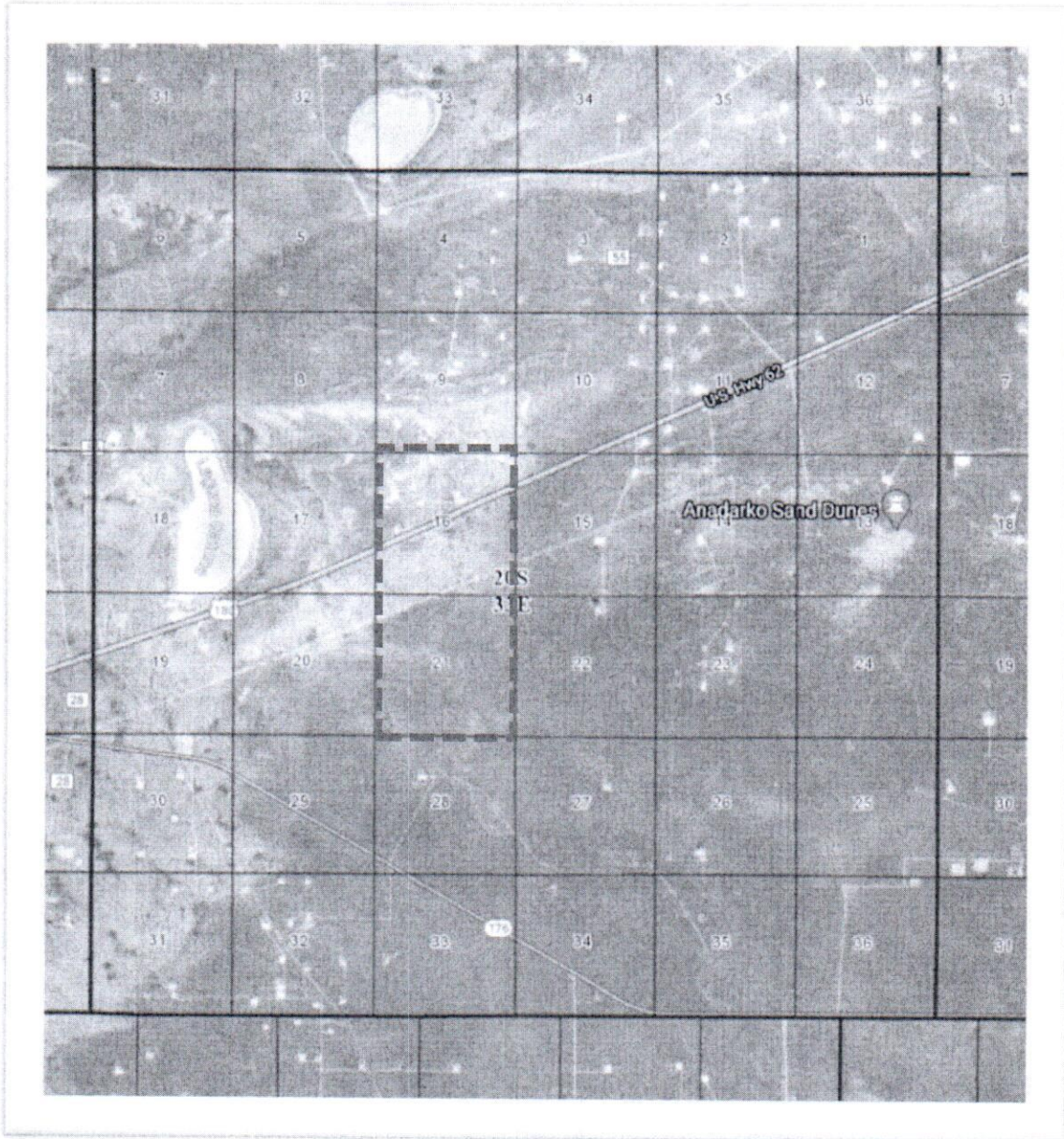
3. I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 2(n) above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten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

Date: Nov. 3, 2020

A handwritten signature in blue ink, appearing to read 'Lee Zink', with a stylized flourish at the end.

Lee Zink


Pony Express Development Area  
Township 20 South, Range 33 East  
Section 16: All  
Section 21: All  
1280.00 Gross Acres  
Lea County, NM



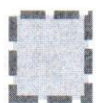
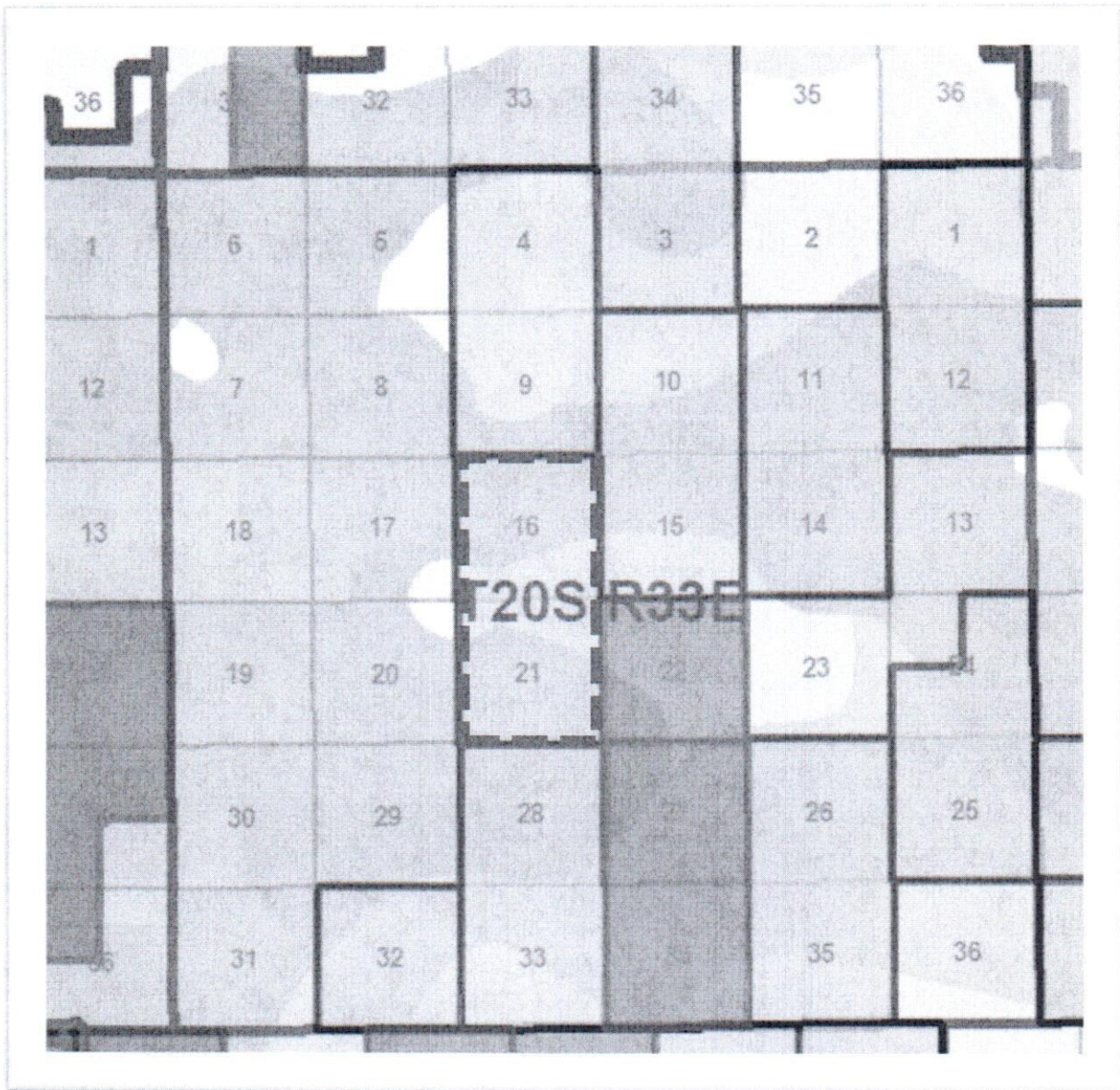
Pony Express Development Area

ATTACHMENT

A

Ascent Energy, LLC	
Exhibit	
Google Map T20S-R33E	
Case No. 21503 & 21504	

Pony Express Development Area  
Township 20 South, Range 33 East  
Section 16: All  
Section 21: All  
1280.00 Gross Acres  
Lea County, NM



BLM Approved  
Pony Express Development Area

Ascent Energy, LLC 
Exhibit
BLM Development Area Map T20S-R33E
Case No. 21503 & 21504

Township 20 South, Range 33 East

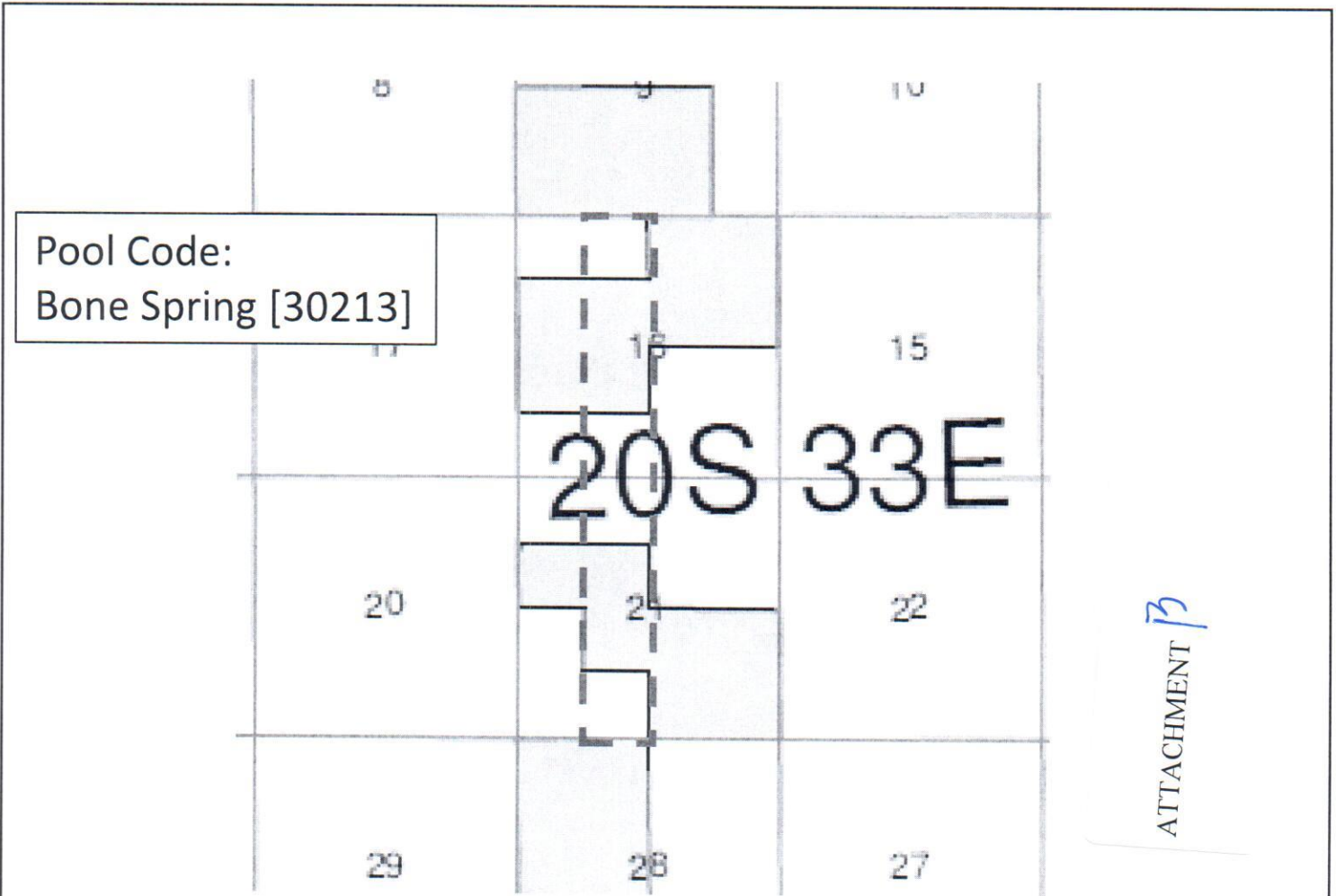
Section 16: E2W2

Section 21: E2W2

320.00 Gross Acres

Lea County, NM

Case No. 21503



ATTACHMENT *B*

Working Interest for:

Pony Express Fed Com #503H

Pony Express Fed Com #602H

Ascent Energy LLC: 50.00%


ConocoPhillips Co.\*: 12.50%

COG Operating, LLC: 12.50%


EOG Resources, Inc.: 12.50%

Oxy USA WTP LP: 12.50%

Total: 100.00%

 Pooling Unit  
 Sec. 16: E2W2  
 Sec. 21: E2W2  
 320.00 Gross Acres

\*Conoco elected to participate in said well(s) on October 22, 2020  
 Negotiating an Operating Agreement

Ascent Energy, LLC	
Exhibit _____	
Ascent Energy Pooling Unit Map Bone Spring Formation	
Case No. 21503	

Township 20 South, Range 33 East

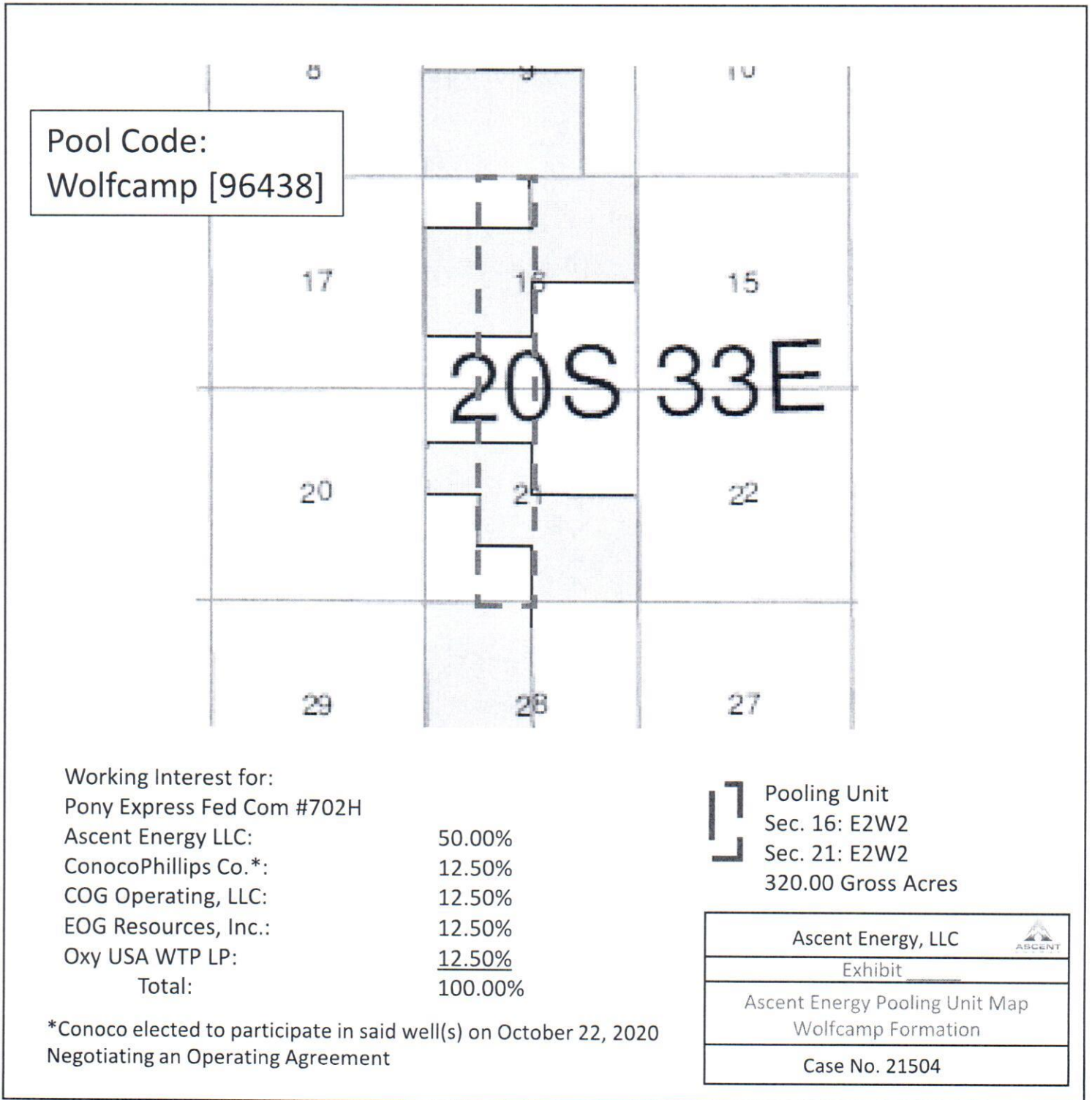
Section 16: E2W2

Section 21: E2W2

320.00 Gross Acres

Lea County, NM

Case No. 21504



Pool Code:  
Wolfcamp [96438]

20S 33E

Working Interest for:

Pony Express Fed Com #702H

Ascent Energy LLC: 50.00%


ConocoPhillips Co.\*: 12.50%


COG Operating, LLC: 12.50%

EOG Resources, Inc.: 12.50%

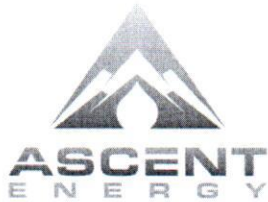
Oxy USA WTP LP: 12.50%

Total: 100.00%

 Pooling Unit  
Sec. 16: E2W2  
Sec. 21: E2W2  
320.00 Gross Acres

Ascent Energy, LLC 
Exhibit _____
Ascent Energy Pooling Unit Map Wolfcamp Formation
Case No. 21504

\*Conoco elected to participate in said well(s) on October 22, 2020  
Negotiating an Operating Agreement



July 23, 2020

COG Operating LLC  
 600 W. Illinois Ave.  
 Midland, TX 79701  
 Attn: Outside Operated Properties

RE: Pony Express Development Area  
T20S-R33E  
 Sec. 16: E2W2  
 Sec. 21: E2W2  
 320 Gross Acres, more or less  
 Lea County, New Mexico

ATTACHMENT C

Dear Working Interest Owner:

Ascent Energy, LLC (“Ascent”) hereby proposes the drilling, completing and equipping the following wells located in Sections 16 and 21 of T20S-R33E, Lea County, New Mexico, (collectively known as the “Pony Express Wells”).

<u>Well Name</u>	<u>Legal Description</u>	<u>Formation</u>	<u>TVD</u>	<u>TMD</u>	<u>AFE</u>
Pony Express Fed Com #503H	T20S-R33E Sec. 16: E2W2, Sec. 21: E2W2 SLH: 155' FNL, 1517' FWL, in Sec. 16, T20S-R33E BHL: 100' FSL, 2178' FWL, in Sec. 21, T20S-R33E	2nd Bone Spring	10,097'	20,408'	\$7,685,935
Pony Express Fed Com #602H	T20S-R33E Sec. 16: E2W2, Sec. 21: E2W2 SLH: 155' FNL, 1467' FWL, in Sec. 16, T20S-R33E BHL: 100' FSL, 1650' FWL, in Sec. 21, T20S-R33E	3rd Bone Spring	10,934'	21,198'	\$7,778,659
Pony Express Fed Com #702H	T20S-R33E Sec. 16: E2W2, Sec. 21: E2W2 SLH: 155' FNL, 1492' FWL, in Sec. 16, T20S-R33E BHL: 100' FSL, 2310' FWL, in Sec. 21, T20S-R33E	Wolfcamp	11,065'	21,360'	\$8,283,555

Ascent’s records indicate that COG Operating, LLC (“COG”) owns a 12.50% working interest in the associated Pony Express Wells. COG’s estimated collective costs associated with the Pony Express Wells are approximately \$2,968,519.

July 23, 2020

Page 2 of 3

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 16: E2W2  
Section 21: E2W2
- 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 COG is interested in selling its interest in the Contract Area, please contact the undersigned at your earliest convenience.

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

Very Truly Yours,



Lee Zink  
Vice President of Land  
Ascent Energy, LLC  
1125 17th Street, Suite 410  
Denver, CO 80202

Enclosure(s): Pony Express Fed Com #503H AFE  
Pony Express Fed Com #602H AFE  
Pony Express Fed Com #702H AFE



**Well Election(s)**

\_\_\_ COG hereby elects to participate in the proposed Pony Express Fed Com #503H Operation by paying its proportionate share of the costs outlined on the associated AFE.

\_\_\_ COG hereby elects not to participate in the proposed Pony Express Fed Com #503H Operation.

\_\_\_ COG hereby elects to participate in the proposed Pony Express Fed Com #602H Operation by paying its proportionate share of the costs outlined on the associated AFE.

\_\_\_ COG hereby elects not to participate in the proposed Pony Express Fed Com #602H Operation.

\_\_\_ COG hereby elects to participate in the proposed Pony Express Fed Com #702H Operation by paying its proportionate share of the costs outlined on the associated AFE.

\_\_\_ COG hereby elects not to participate in the proposed Pony Express Fed Com #702H Operation.

Working Interest Owner:

COG Operating, LLC

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

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

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

# Ascent Energy, LLC

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

COST CENTER: Pony Express Fed Com #503H      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: 20,400' / 10,100'

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	Riq Move - MIRU, RDMO			\$150,000	150,000
8305 103	Riq Contractor-Daywork/FT			\$528,125	528,125
8305 104	Riq 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 Stimulatr 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 MjrExp 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 Riq	\$ -	0		0
	SUBTOTAL			\$3,162,500	\$3,162,500
8306 299	CONTINGENCY (%) 5.00%			158,125	158,125
	SUB-TOTAL INTANGIBLE COMPLETION 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 Fit 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

ATTACHMENT D

**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 Flt 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				<b>\$312,500</b>	<b>\$312,500</b>
SUB-TOTAL TANGIBLE COSTS				<b>\$295,000</b>	<b>\$607,500</b>
SUB-TOTAL INTANGIBLE & TANGIBLE COSTS				<b>\$2,997,810</b>	<b>\$6,630,935</b>

**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			<b>\$1,055,000</b>
SUB-TOTAL INTANGIBLE COSTS (PAGE 1)			<b>\$2,702,810</b>
SUB-TOTAL TANGIBLE COSTS (PAGE 2)			<b>\$295,000</b>
GRAND TOTAL			<b>\$4,688,125</b>
LESS OUTSIDE INTERESTS			<b>\$2,997,810</b>
TOTAL NET COSTS			<b>\$0</b>

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	<b>\$2,997,810</b>
NET DRYHOLE AFE AMOUNT	<b>\$0</b>
NET ASSET TRANSFERS	<b>\$0</b>
CASH OUTLAY THIS AFE	<b>\$0</b>
PREVIOUS AFE'S ISSUED	<b>\$0</b>
TOTAL CASH OUTLAY	<b>\$0</b>

**WORKING INTEREST APPROVAL**

COMPANY	WORKING INTEREST	APPROVED BY	DATE

# Ascent Energy, LLC

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

COST CENTER: <b>Pony Express Fed Com #602H</b>	BUD YEAR: <b>2021</b>	DATE: <b>July 9, 2020</b>	
AFE NO.:	CATEGORY: <b>D&amp;C</b>	SUPPLEMENT NO.:	
FIELD: <b>Hat Mesa</b>	REGION: <b>Delaware Basin</b>	LEGAL:	
OPERATOR: <b>Ascent Energy, LLC</b>	WELL NO.:	W.I.:	
OBJECTIVE: <b>3rd Bone Spring</b>	STATE: <b>NM</b>	MD/TVD: <b>21,200' / 10,933'</b>	

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 Testinq 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	Pluqqing				0
	SUBTOTAL			\$2,473,440	\$2,473,440
8305 199	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			350,000	350,000
8306 207	Csg Crews & Tools-Drive Hammer				0
8306 208	Directional Tools & Svcs				0
8306 209	Formation Stimulatn Acid Frac			1,450,000	1,450,000
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 MjrExp Fishing				0
8306 222	Coil Tubing Services			115,000	115,000
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	Pluqqing				0
8306 228	Completion Rig	\$ -	0		0
				30,000	
	SUBTOTAL			\$3,207,500	\$3,207,500
8306 299	CONTINGENCY (%)	5.00%		160,375	160,375
	SUB-TOTAL INTANGIBLE COMPLETION COSTS			\$3,367,875	\$3,367,875
	SUB-TOTAL INTANGIBLE COSTS			\$2,720,784	\$6,088,659

### 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 Eqt Centralizers Etc			\$0,000	0,000
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 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				\$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	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
SUB-TOTAL INTANGIBLE COSTS (PAGE 1)			\$2,720,784
SUB-TOTAL TANGIBLE COSTS (PAGE 2)			\$295,000
GRAND TOTAL			\$3,015,784
LESS OUTSIDE INTERESTS			\$4,762,875
TOTAL NET COSTS			\$0

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

PREPARED BY		DATE
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: <b>Pony Express Fed Com #702H</b>	BUD YEAR: <b>2021</b>	DATE: <b>July 9, 2020</b>
AFE NO.:	CATEGORY: <b>D&amp;C</b>	SUPPLEMENT NO.:
FIELD: <b>Hat Mesa</b>	REGION: <b>Delaware Basin</b>	LEGAL:
OPERATOR: <b>Ascent Energy, LLC</b>	WELL NO.:	W.I.:
OBJECTIVE: <b>WolfCamp XY</b>	STATE: <b>NM</b>	MD/TVD: <b>21,360' / 11,065'</b>
ESTIMATED PROJECT START DATE: <b>2Q2021</b>		
DESCRIPTION: <b>Drill to 10,040ft vertical, drill curve and 2 mile lateral, 5 string design.</b>		

### 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, RDHO			\$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 MirExp (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			350,000	350,000
8306 207	Csg Crews & Tools-Drive Hammer				0
8306 208	Directional Tools & Svcs				0
8306 209	Formation Stimulatr Acid Frac			1,450,000	1,450,000
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			115,000	115,000
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			\$3,207,500	\$3,207,500
8306 299	CONTINGENCY (%) 5.00%			160,375	160,375
	SUB-TOTAL INTANGIBLE COMPLETION COSTS			\$3,367,875	\$3,367,875
	SUB-TOTAL INTANGIBLE COSTS			\$2,941,180	\$6,309,055

### 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				<b>\$334,500</b>	<b>\$334,500</b>
SUB-TOTAL TANGIBLE COSTS				<b>\$575,000</b>	<b>\$909,500</b>
SUB-TOTAL INTANGIBLE & TANGIBLE COSTS				<b>\$3,516,180</b>	<b>\$7,218,555</b>

**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			<b>\$1,065,000</b>
SUB-TOTAL INTANGIBLE COSTS (PAGE 1)			<b>\$2,941,180</b>
SUB-TOTAL TANGIBLE COSTS (PAGE 2)			<b>\$575,000</b>
GRAND TOTAL			<b>\$3,516,180</b>
LESS OUTSIDE INTERESTS			<b>\$3,516,180</b>
TOTAL NET COSTS			<b>\$0</b>

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	<b>\$3,516,180</b>
NET DRYHOLE AFE AMOUNT	<b>\$0</b>
NET ASSET TRANSFERS	<b>\$0</b>
CASH OUTLAY THIS AFE	<b>\$0</b>
PREVIOUS AFE'S ISSUED	<b>\$0</b>
TOTAL CASH OUTLAY	<b>\$0</b>

**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

# 2<sup>nd</sup> Bone Spring Sand

## Pony Express

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

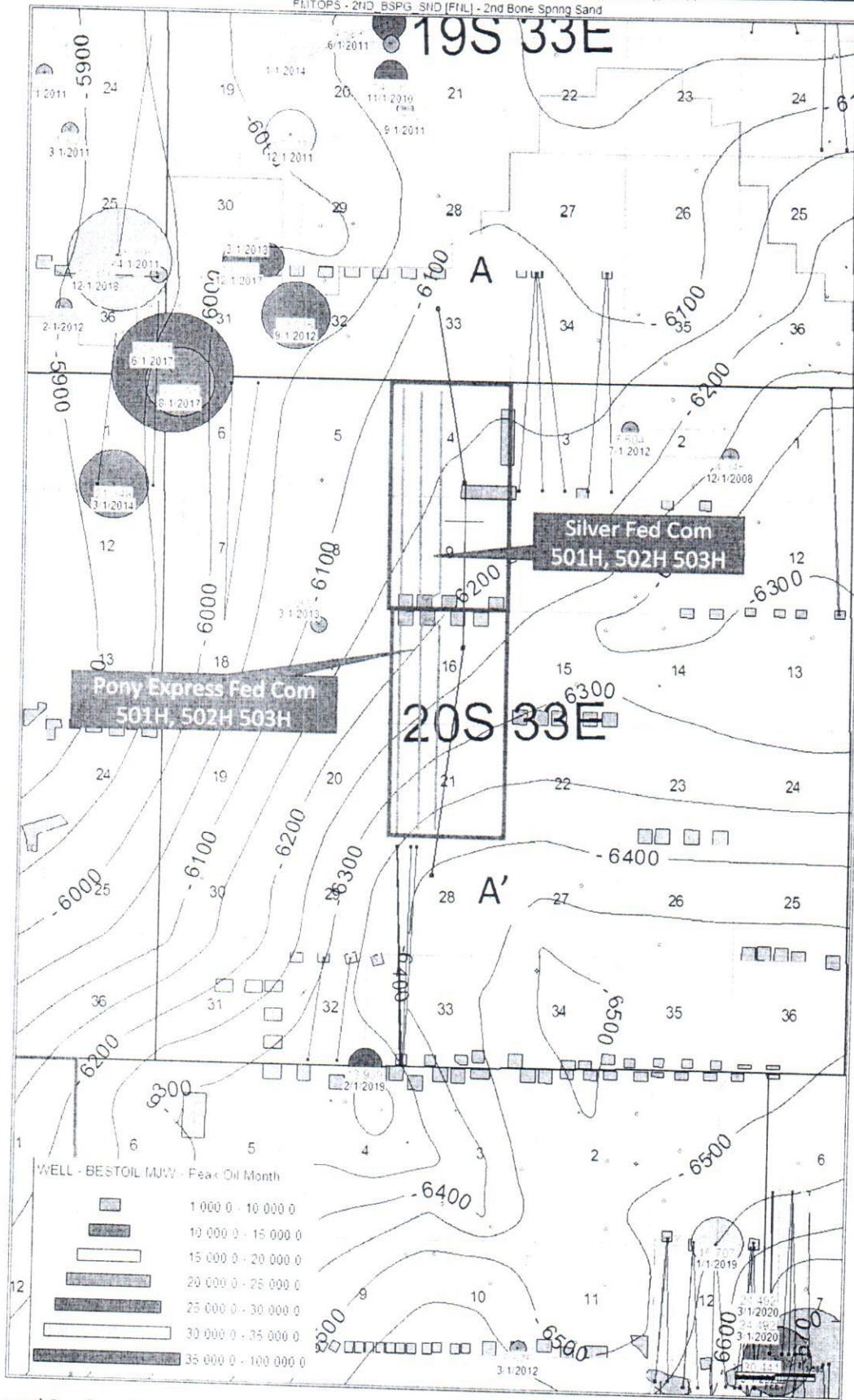
Case No. 21503: E2W2 Bone Spring 503H & 602H

## Silver

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

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

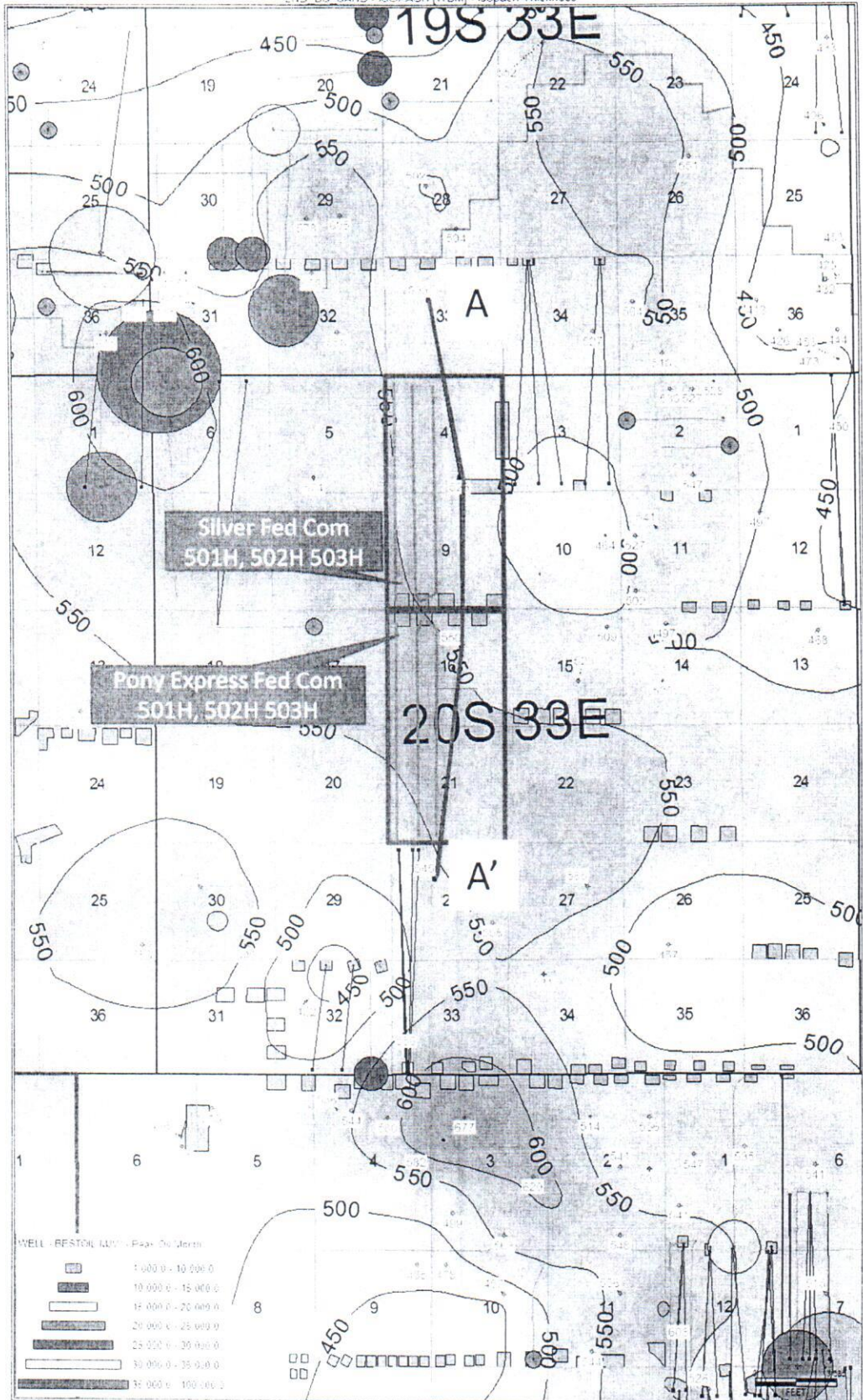
ATTACHMENT *A*



Proposed Pooling Units

Pony Express & Silver BLM Approved Potash Development Areas

Ascent Energy, LLC	
Case No.	Exhibit
2 <sup>nd</sup> Bone Spring Sand Structure & Producing 2 <sup>nd</sup> Bone Spring Sand Wells & Bone Spring Permits	
CI = 50'	Oct 20, 2020



WELL PRODUCTION (M3/D) - Peak (to Month)

[Symbol]	1,000.0 - 10,000.0
[Symbol]	10,000.0 - 15,000.0
[Symbol]	15,000.0 - 20,000.0
[Symbol]	20,000.0 - 25,000.0
[Symbol]	25,000.0 - 30,000.0
[Symbol]	30,000.0 - 35,000.0
[Symbol]	35,000.0 - 100,000.0



Proposed Pooling Units

Pony Express & Silver BLM Approved Potash Development Areas

Ascent Energy, LLC	
Case Nos.	Exhibit
2 <sup>nd</sup> Bone Spring Sand Gross Isopach & Producing 2 <sup>nd</sup> Bone Spring Sand Wells & Bone Spring Permits	
CI = 50'	Oct. 20, 2020

A

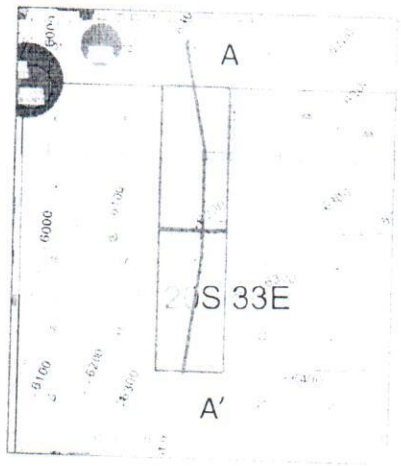
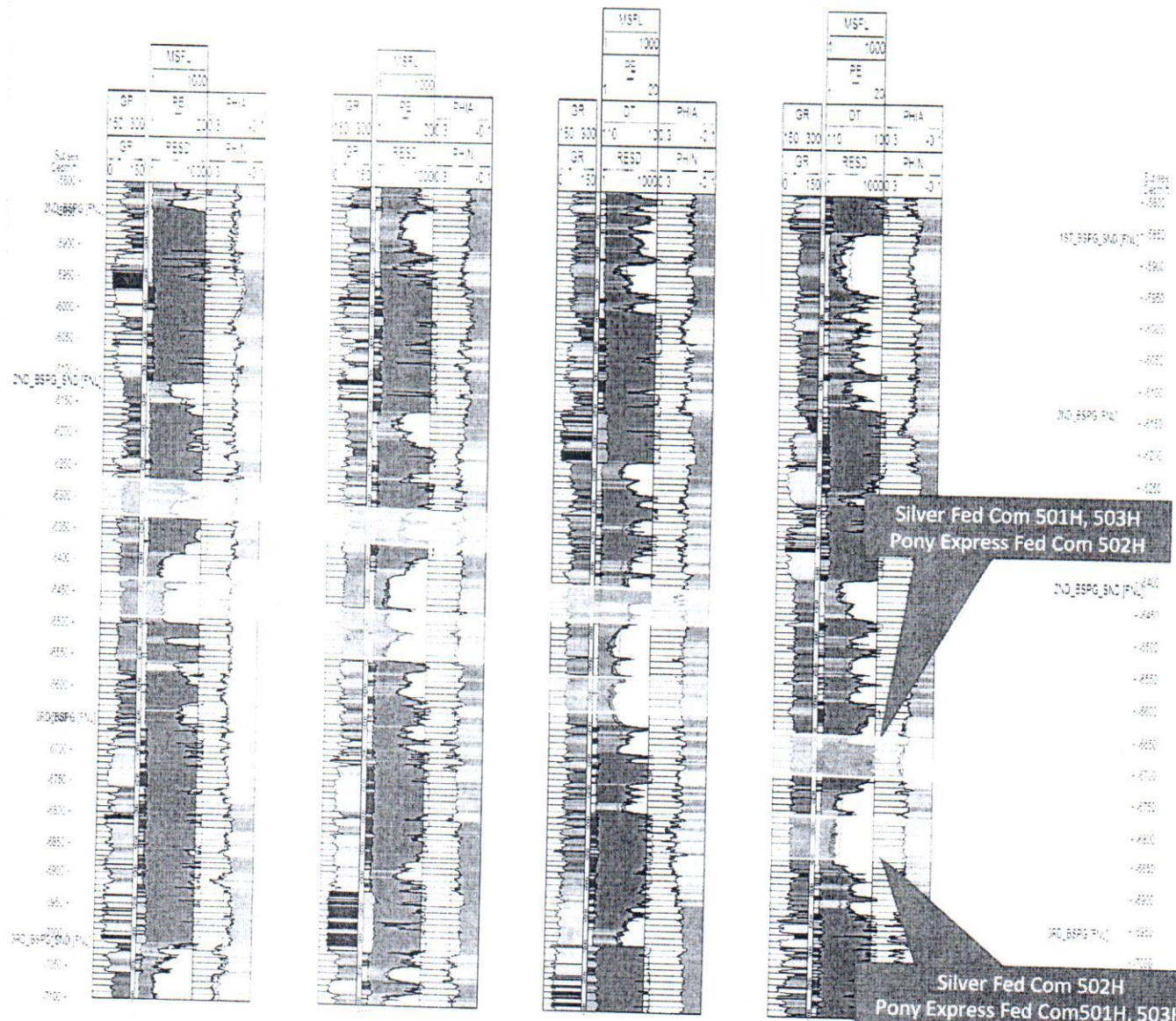
A'

MADURO UNIT 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 001  
30025318950000  
T20S R33E S28



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

UWI (API No.)	Operator	Well Label	Township	Range	Section	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 AZI	HOR_ZONE
300253180000	F.O. PROD. OPER. LLC	GEM 8705 JV-P-6	20S	33E	2	8/26/2008	1/12/2009	4/35	7/02	1/744	17,440	14,981	6,389	77,506	140,299	73,251	E/W	2ND BSPG S
300253962000	WARRANTY ENERGY OPERATIONS LLC	MADURO NORTH FEDERAL-3	19S	33E	20	9/30/2010	12/13/2010	14/305	10/016	8/940	38,482	24,970	19,381	198,833	257,454	147,658	E/W	2ND BSPG S
3002539597000	WARRANTY ENERGY OPERATIONS LLC	LUCK 24 EAST FEDERAL-14	19S	32E	24	1/30/2011	4/19/2011	1,869	2/174	4,548	7,058	7,513	18,226	44,280	58,458	N/S	2ND BSPG S	
3002539698000	WARRANTY ENERGY OPERATIONS LLC	MADURO NORTH FEDERAL-14H	19S	33E	20	1/10/2011	5/5/2011	4,589	5/289	3,125	20,320	24,121	18,713	96,468	133,705	61,871	E/W	2ND BSPG S
3002539587000	WARRANTY ENERGY OPERATIONS LLC	STATE RH COM-34	19S	32E	36	1/15/2011	5/10/2011	8,565	5/635	8,663	30,697	29,031	26,879	118,000	180,160	133,077	E/W	2ND BSPG S
300254012000	WARRANTY ENERGY OPERATIONS LLC	DIVANITE 22 FEDERAL-2	20S	33E	21	7/17/2011	10/11/2011	6,769	9/129	9,192	25,090	28,114	24,496	87,335	128,103	76,864	E/W	2ND BSPG S
300254012000	WARRANTY ENERGY OPERATIONS LLC	MADURO NORTH FEDERAL-5	19S	33E	20	9/28/2011	3/18/2012	17,677	11,154	12,017	54,189	44,994	40,469	182,826	251,728	144,725	E/W	2ND BSPG S
300254012000	WARRANTY ENERGY OPERATIONS LLC	STATE #4-1	19S	33E	36	1/16/2011	8/4/2012	6,668	5/452	9,781	23,796	20,829	33,671	92,103	157,137	81,267	E/W	2ND BSPG S
3002540365000	WARRANTY ENERGY OPERATIONS LLC	48 MESA 10 FEDERAL-34	21S	32E	10	1/6/2012	4/21/2012	3,575	7/228	14,148	18,348	25,134	39,144	79,482	122,936	156,691	N/S	2ND BSPG S
3002540365000	WARRANTY ENERGY OPERATIONS LLC	GEM 8705 JV-P-6 11H	20S	33E	2	3/6/2012	5/27/2012	7,504	14,038	22,019	24,170	55,072	32,221	78,541	152,711	139,972	E/W	2ND BSPG S
3002540457000	WARRANTY ENERGY OPERATIONS LLC	MADURO UNIT 9	19S	33E	29	7/2/2012	10/2/2012	29,055	22,948	20,999	59,649	95,561	91,482	291,654	521,012	362,911	N/S	2ND BSPG S
3002540828000	WARRANTY ENERGY OPERATIONS LLC	GREEN FROG CAFE FEDE-14	20S	33E	18	12/11/2012	4/11/2013	6,006	6,775	16,584	20,780	26,298	73,199	73,952	108,299	241,608	E/W	2ND BSPG S
3002540828000	WARRANTY ENERGY OPERATIONS LLC	GAYN NETTES FEDERAL 1H	19S	32E	36	12/21/2013	4/13/2014	21,348	21,572	24,054	74,303	99,850	154,736	207,907	304,436	309,909	N/S	2ND BSPG S
300254240000	WARRANTY ENERGY OPERATIONS LLC	BLACK HORSE FEDERAL 001H	20S	33E	7	12/25/2016	10/7/2017	23,091	20,163	70,133	73,997	52,437	227,945	318,092	306,079	650,466	N/S	2ND BSPG S
3002543030000	COG OPERATING LLC	GERONIMO FEDERAL COM 011H	19S	33E	19	1/24/2017	6/7/2017	30,077	47,947	56,940	231,020	162,052	267,128	762,863	1,036,188	767,636	N/S	2ND BSPG S
3002542467000	WARRANTY ENERGY OPERATIONS LLC	FEDERAL 30 123H	19S	33E	30	7/8/2017	11/28/2017	14,395	13,869	19,370	70,091	60,601	82,864	220,331	244,737	212,715	N/S	2ND BSPG S
30025441490000	WARRANTY ENERGY OPERATIONS LLC	FEDERAL 30 124H	19S	33E	30	11/11/2017	1/13/2018	13,798	11,775	18,730	70,443	39,443	70,058	212,482	229,527	189,691	N/S	2ND BSPG S
3002545006000	CHESAPEAKE ENERGY OPERATIONS LLC	DIAMONDBACK 24-25-26 001H	19S	32E	24	9/3/2018	12/18/2018	30,489	18,854	38,263	102,767	74,470	189,896	300,107	229,588	384,028	N/S	2ND BSPG S
300254455040000	VTO ENERGY INC.	CHISTERA 32 STATE 007H	20S	33E	32	9/23/2018	1/22/2019	13,929	17,349	40,300	55,831	50,362	116,195	118,885	175,642	203,185	N/S	2ND BSPG S
30025447850000	CHESAPEAKE ENERGY OPERATIONS LLC	MINNIFED COM 235 011H	21S	32E	1	10/26/2018	1/8/2019	15,707	19,206	70,469	68,866	75,703	215,537	141,183	161,651	333,677	N/S	2ND BSPG S
30025441480000	ASCENT ENERGY LLC	TORQUE STATE COM 502H	21S	33E	6	7/18/2019	12/7/2019	24,492	24,714	65,236	98,227	82,025	211,044	98,227	82,025	211,044	N/S	2ND BSPG S
300254547480000	ASCENT ENERGY LLC	TORQUE STATE COM 503H	21S	33E	6	10/7/2019	1/28/2020	30,441	30,173	77,111	136,415	131,365	227,311	138,415	131,365	227,311	N/S	2ND BSPG S
300254654780000	ASCENT ENERGY LLC	BIG MOOSE FEDERAL CO 506H	21S	32E	1	12/27/2019	9/3/2020	FLWBK									N/S	2ND BSPG S
30025464980000	ASCENT ENERGY LLC	BIG MOOSE FEDERAL CO 505H	21S	32E	1	1/4/2020	9/2/2020	FLWBK									N/S	2ND BSPG S


  
**Ascent Energy, LLC**

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**Case Nos.**

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

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**Exhibit**

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**Oct. 20, 2020**

# 3<sup>rd</sup> Bone Spring Sand

## Pony Express

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

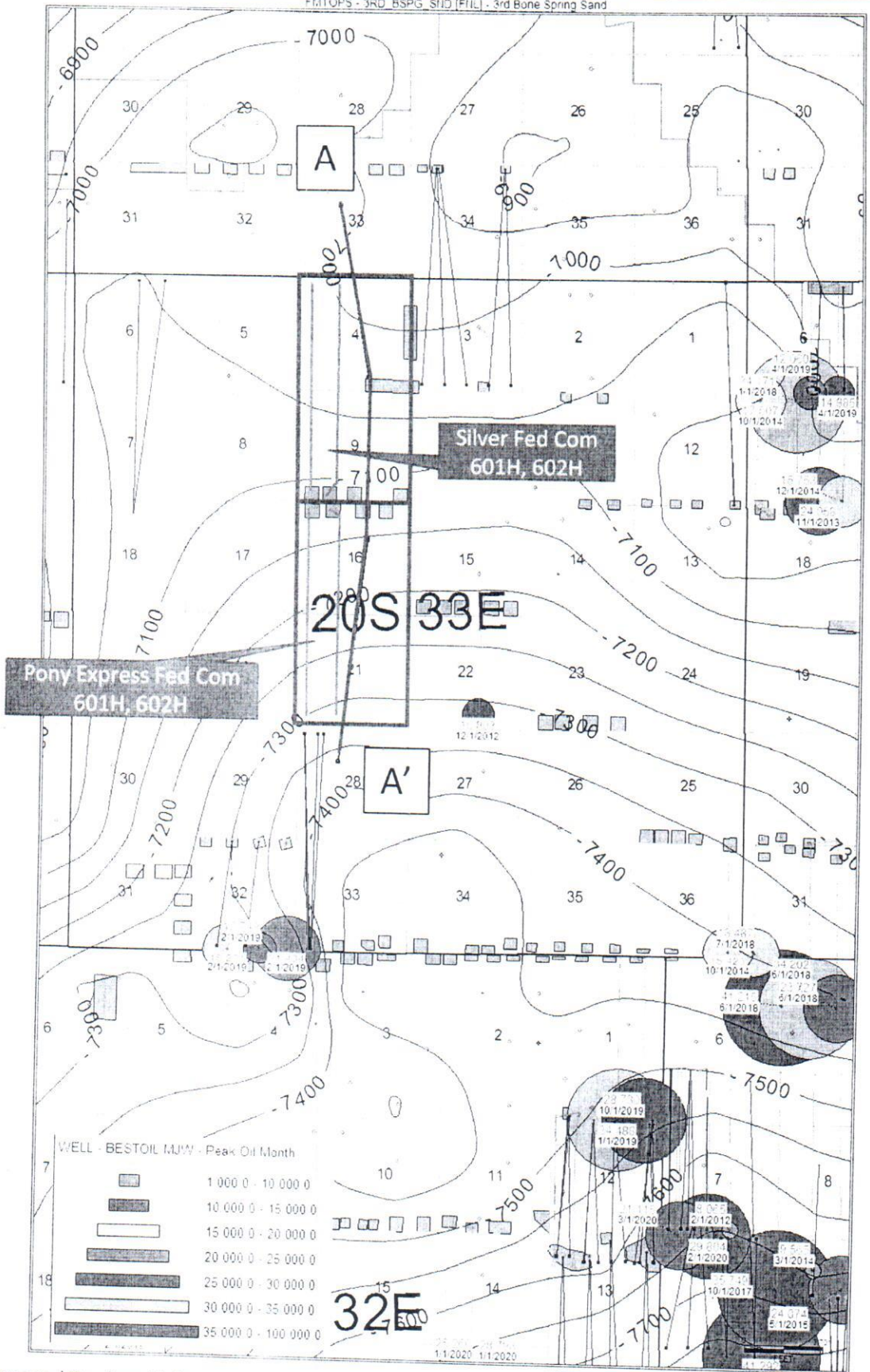
Case No. 21503: E2W2 Bone Spring 503H & 602H

## Silver

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

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

ATTACHMENT *B*

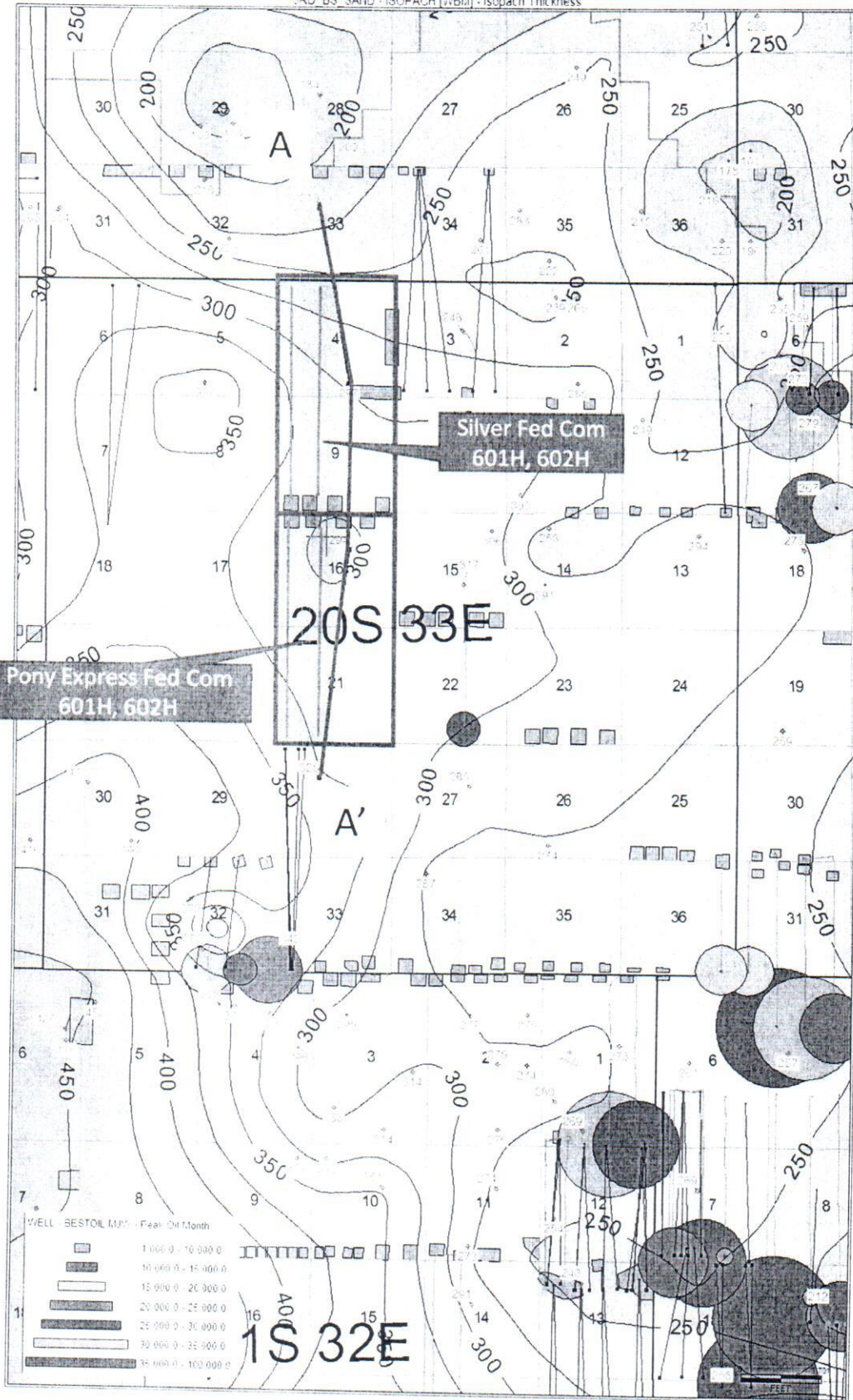


Proposed Pooling Units

Pony Express & Silver BLM Approved Potash Development Areas

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

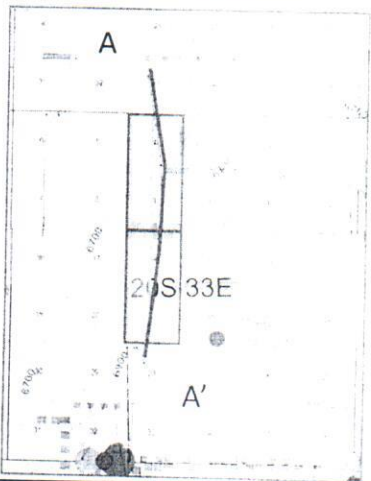
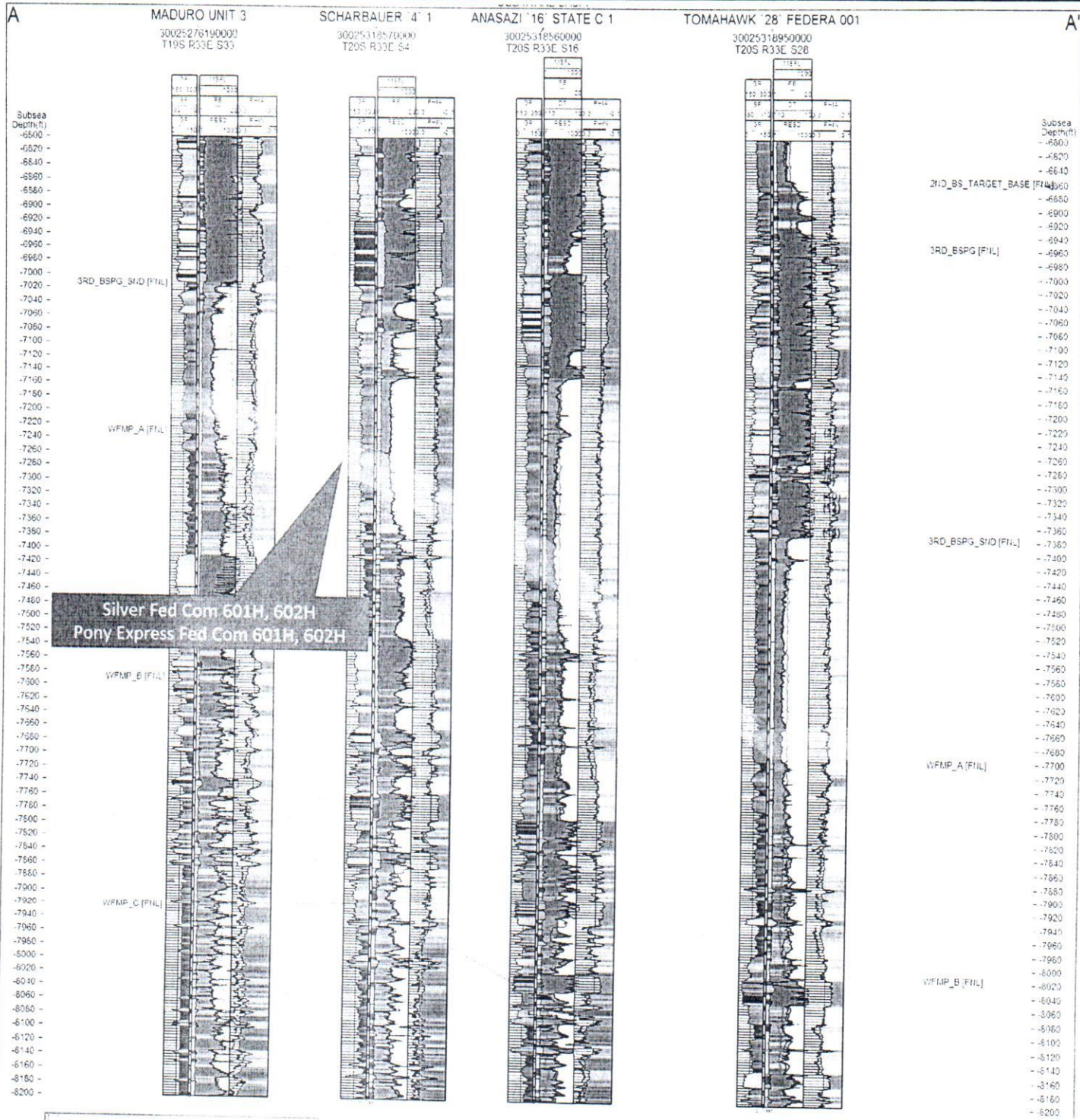




Proposed Pooling Units


Pony Express & Silver BLM Approved Potash Development Areas

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



Ascent Energy, LLC	
Case Nos.	Exhibit
3 <sup>rd</sup> 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_WTR	LATERAL_AZI	HOR_ZONE
3002543250000	LEGACY RESERVES OPERATING LP	HAMON A FED COM 009H	20S	34E	18	7/1/2017	2/4/2018	34771	22435	38812	120715	75240	172226	289877	348463	596436	N/S	3rd BSPG S
3002541617000	LEGACY RESERVES OPERATING LP	HAMON A FEDERAL COM 4H	20S	34E	6	10/5/2014	12/27/2014	15753	13824	23381	69803	56332	97024	210800	241760	314868	N/S	3RD BSPG S
3002543413000	XTO ENERGY INC	SEVERUS 31 FEDERAL COM 1H	20S	34E	30	10/16/2017	5/21/2018	23727	25570	38296	97241	120132	142627	319911	358923	581885	N/S	3RD BSPG S
3002541305000	LEGACY RESERVES OPERATING LP	HAMON A FEDERAL COM 3H	20S	34E	6	9/22/2013	11/13/2013	24658	17620	31981	105195	89317	86633	256619	355200	318816	N/S	3RD BSPG S
3002543416000	XTO ENERGY INC	SEVERUS 31 FEDERAL COM 2H	20S	34E	30	11/30/2017	5/21/2018	34292	37858	83823	157619	162060	227583	426943	517387	778112	N/S	3RD BSPG S
3002543417000	XTO ENERGY INC	SEVERUS 31 FEDERAL COM 3H	20S	34E	30	1/8/2018	5/21/2018	41215	40365	101407	158923	179223	254926	440584	508952	819520	N/S	3RD BSPG S
3002543696000	XTO ENERGY INC	CHISTERA 32 STATE COM 1H	20S	33E	32	8/18/2018	1/22/2019	21434	34511	124290	79028	82424	375948	144870	151671	637869	N/S	3RD BSPG S
3002543697000	CHASE ENERGY CO OF OKLAHOMA	CHAMBERS STATE COM 3H	21S	33E	6	10/19/2011	3/4/2012	8065	8522	48847	31076	38082	81956	187145	261368	546447	N/S	3RD BSPG S
3002540725000	COG OPERATING LLC	OUTLAW 22 FEDERAL 1H	20S	33E	22	9/27/2012	1/24/2013	10893	10771	38100	47494	35593	119463	212057	204832	516206	N/S	3RD BSPG S
3002541323000	COG OPERATING LLC	BECKWELL STATE COM 2H	21S	33E	5	12/4/2014	5/19/2015	24074	42005	85590	110366	189058	386237	542325	3515405	1952877	N/S	3RD BSPG S
3002543695000	XTO ENERGY INC	CHISTERA 32 STATE COM 2H	20S	33E	32	9/2/2018	1/22/2019	12749	28643	125107	60653	87940	337222	132242	178992	607210	N/S	3RD BSPG S
3002541299000	COG OPERATING LLC	BECKWELL STATE COM 3H	21S	33E	5	12/31/2013	4/16/2014	9565	13201	33064	40539	58410	133837	133848	221496	549868	N/S	3RD BSPG S
3002541562000	EOG RESOURCES INC	TANGO 81P STATE COM 4H	20S	33E	36	5/10/2014	10/22/2014	15423	17789	53084	50766	58601	118162	322248	474373	1043944	N/S	3RD BSPG S
3002543856000	COG OPERATING LLC	BECKWELL STATE COM 004H	21S	33E	5	7/2/2017	10/14/2017	35749	54967	74483	173132	260407	393860	587097	1045344	1524187	N/S	3RD BSPG S
3002543694000	XTO ENERGY INC	CHISTERA 32 STATE COM 1H	20S	33E	32	10/9/2018	1/22/2019	13231	23817	97746	49514	58276	236415	105409	155231	581238	N/S	3RD BSPG S
3002541800000	XTO ENERGY INC	SEVERUS 31 FEDERAL COM 2H	20S	34E	30	1/9/2018	5/21/2018	13487	21422	50722	65860	70484	102627	192654	238263	321917	N/S	3RD BSPG S
30025416300100	LEGACY RESERVES OPERATING LP	HAMON FEDERAL COM A 2H	20S	34E	18	9/5/2014	11/16/2014	17507	9912	44203	55769	31297	121446	214149	191198	388985	N/S	3RD BSPG S
3002543410000	MATADOR PRODUCTION CO	VERNA R4E FEDERAL CO 133H	20S	34E	6	9/29/2018	1/17/2019	12060	7087	32560	49841	32006	131191	86074	52077	227946	N/S	3RD BSPG S
3002544342000	MATADOR PRODUCTION CO	VERNA R4E FEDERAL CO 134H	20S	34E	6	9/22/2018	1/17/2019	14885	12660	34944	59185	53029	148626	108075	91466	251572	N/S	3RD BSPG S
3002544787000	ASCEN ENERGY INC	TOQUE STATE COM 601H	21S	33E	6	9/15/2019	1/13/2020	29804	38597	151997	Only 5 Months	Only 5 Months	Only 5 Months	115395	138685	490748	N/S	3RD BSPG S
3002544788000	ASCEN ENERGY INC	TOQUE STATE COM 602H	21S	33E	6	7/29/2019	1/13/2020	21115	30392	77385	Only 5 Months	Only 5 Months	Only 5 Months	78877	103059	238378	N/S	3RD BSPG S
3002544810000	CHISHOLM ENERGY OPERATING LLC	MINNIS 1 FEDERAL COM 006H	21S	32E	1	8/1/2019	10/21/2019	28730	28527	82830	105702	97963	278394	157315	144849	388552	N/S	3RD BSPG S
3002544856000	CHISHOLM ENERGY OPERATING LLC	MINNIS 1 FEDERAL COM 007H	21S	32E	1	8/21/2018	1/8/2019	34488	35770	96332	140883	132889	385805	264512	295022	781565	N/S	3RD BSPG S
3002545156000	NEWBOURNE OIL CO	CAPER 20-29 83CN FED 002H	21S	32E	17	9/28/2018	2/14/2019	31796	56464	102519	127656	215071	506911	242200	418229	853549	N/S	3RD BSPG S
3002546350000	CHISHOLM ENERGY OPERATING LLC	AZTEC 14-23 38S FEDE 002H	21S	32E	11	9/20/2019	1/1/2020	25660	43561	97859	139040	184073	436764	122398	205724	477994	N/S	3RD BSPG S
3002546351000	CHISHOLM ENERGY OPERATING LLC	AZTEC 14-23 38S FEDE 003H	21S	32E	11	10/25/2019	1/1/2020	28793	42143	95957	113382	181451	395596	125765	202917	426803	N/S	3RD BSPG S
3002546348000	ASCEN ENERGY INC	BIG MOOSE FED COM 604H	21S	32E	1	1/18/2020	In Progress											3RD BSPG S



**Ascendant Energy, LLC**

Case Nos. Exhibit

3rd Bone Spring Sand Production

Oct. 20, 2020

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	
* GRABD No.		* Operator Name		* Location	
* Surface Location					
U of lot line	Section	Township	Range	Foot of line	North/South line
D	21	20S	33E	155	NORTH
				Foot from the	East/West line
				656	WEST
* Bottom Hole Location If Different From Surface					
U of lot line	Section	Township	Range	Foot of line	North/South line
M	21	20S	33E	50	SOUTH
				Foot from the	East/West line
				330	WEST
* Difference Verbs					
* Order No.					

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

**SECTION CORNER**

**Detail "A"**  
No Scale

LINE	DIRECTION	LENGTH
L1	N40°29'01"W	370.34'
L2	S90°08'35"E	50.00'

**SOIL**

- Distances referenced on plat to section corners are by the state.
- Measure bearings to the East or West.
- Measure distances with a Central Meridian West of State (NAD83).

**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 engineering plan, maps or working sheets on which this plat is based were prepared by me or under my direct supervision and that I am a duly licensed professional engineer in the State of New Mexico. I understand the provisions of the laws and regulations governing the practice of engineering in the State of New Mexico, and I am duly licensed as a professional engineer in the State of New Mexico.

*Ben Metz* 3-31-2020  
 Signature Date

Ben Metz  
 Principal Geologist  
 bmetz@ascenergy.us  
 E-mail Address

**"SURVEYOR CERTIFICATION"**

I hereby certify that the survey shown on this plat was conducted by me or under my direct supervision and that I am a duly licensed professional surveyor in the State of New Mexico.

January 30, 2020

Paul Buckle  
 Registered Professional Surveyor

Certificate Number

ATTACHMENT C

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

02/01/11  
 5275 Trilite Pl., Bldg. 500524  
 Santa Fe, NM 87505-1101  
 Bldg. 011  
 St. S. E. of S. Acq. 500524  
 Phone: (505) 791-2333 Fax: (505) 791-2321  
 Bldg. 011  
 000000000000000000000000  
 Phone: (505) 791-2333 Fax: (505) 791-2321  
 Bldg. 011  
 2255 N. I-40 E. of I-25, Santa Fe, NM 87505  
 Phone: (505) 791-2333 Fax: (505) 791-2321

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 Well Number		2 Well Code		3 Well Name			
4 Property Code		5 Property Name PONY EXPRESS FED COM				6 Well Number 502H	
7 OGRD No.		8 Operator Name ASCENT ENERGY				9 Elevation 3533.0'	

**Surface Location**

11 or 12 In. or C	Section 16	Township 20S	Range 13E	13 Lot Idn	Feet from the 155	North/South line NORTH	Feet from the 1442	East/West line W1S1	County LEA
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**Bottom Hole Location If Different From Surface**

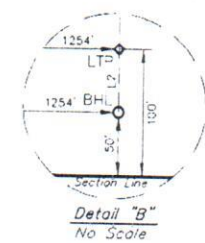
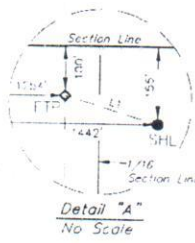
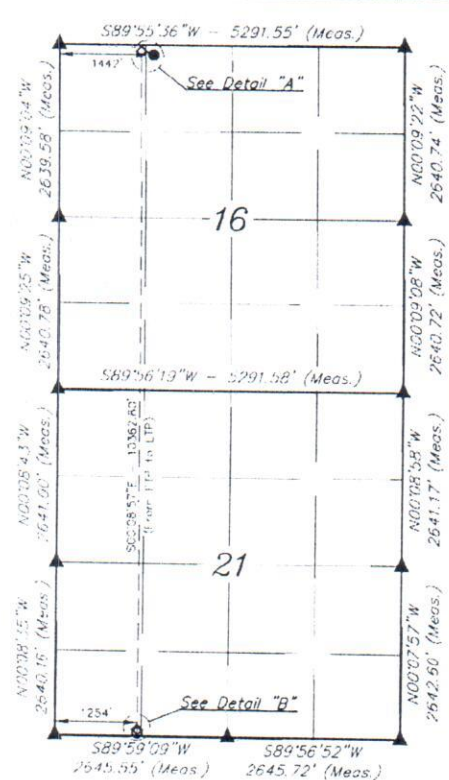
11 or 12 In. or M	Section 21	Township 20S	Range 13E	13 Lot Idn	Feet from the 50	North/South line SOUTH	Feet from the 1254	East/West line W1S1	County LEA
14 Dedicated Acres 3.20		15 Unit or Infill		16 Consolidation Code		17 Order No.			

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

NAD 83 SURFACE HOLE LOCATION	
1	EAST ID: 37.37.5977, 37.37.5977
2	EAST ID: 37.37.5977, 37.37.5977
NAD 83 SURFACE HOLE LOCATION	
3	EAST ID: 37.37.5977, 37.37.5977
4	EAST ID: 37.37.5977, 37.37.5977
STATE PLANE NAD 83 (N/EAST)	
5	N: 27239.26', E: 1267.17'
6	N: 27239.26', E: 1267.17'
NAD 83 FIRST TAKE POINT	
7	EAST ID: 37.37.5977, 37.37.5977
8	EAST ID: 37.37.5977, 37.37.5977
STATE PLANE NAD 83 (N/EAST)	
9	N: 27239.26', E: 1267.17'
10	N: 27239.26', E: 1267.17'
NAD 83 FIRST TAKE POINT	
11	EAST ID: 37.37.5977, 37.37.5977
12	EAST ID: 37.37.5977, 37.37.5977
STATE PLANE NAD 83 (N/EAST)	
13	N: 27239.26', E: 1267.17'
14	N: 27239.26', E: 1267.17'
NAD 83 FIRST TAKE POINT	
15	EAST ID: 37.37.5977, 37.37.5977
16	EAST ID: 37.37.5977, 37.37.5977
STATE PLANE NAD 83 (N/EAST)	
17	N: 27239.26', E: 1267.17'
18	N: 27239.26', E: 1267.17'
NAD 83 BOTTOM HOLE LOCATION	
19	EAST ID: 37.37.5977, 37.37.5977
20	EAST ID: 37.37.5977, 37.37.5977
STATE PLANE NAD 83 (N/EAST)	
21	N: 27239.26', E: 1267.17'
22	N: 27239.26', E: 1267.17'

LINE TABLE		
LINE	DIRECTION	LENGTH
1	N73°45'36"W	196.37'
2	S60°08'14"W	50.00'

- 23 SHL = SURFACE HOLE LOCATION  
 24 LTP/LTP = LTP/LTP  
 25 BHL = BOTTOM HOLE LOCATION  
 26 SC = SECTION CORNER LOCATED



**"OPERATOR CERTIFICATION"**  
 I hereby certify that the information presented herein is true and correct to the best of my knowledge and belief, and that the original survey data upon which this plat was prepared has been checked in accordance with the proposed bottom hole location of this well to be drilled in accordance with the proposed well location pursuant to a contract with the owner of such mineral or working interest, or a reliable pending agreement or assignment, or existing lease heretofore entered into in this state.

Ben Metz 3-31-2020  
 Signature Date  
 Ben Metz  
 Printed Name  
 benmetz@ascenergy.us  
 E-mail Address

**"SURVEYOR CERTIFICATION"**  
 I hereby certify that the well location shown on this plat was plotted from field notes of actual survey made in accordance with the proposed well location and that the same is correct and true to the best of my belief.

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

Certificate Number:

Ascent Energy, LLC	
Case No.	Exhibit
Pony Express FED COM 502H C-102 Well Plat	
Oct 13, 2020	



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

Section 16  
T20N, R34E, D3E - 166, 530, 000  
Bearing: S 54° 13' 41" E, Dist: 187.50, 000  
Section 21  
T20N, R34E, D3E - 166, 530, 000  
Bearing: S 54° 13' 41" E, Dist: 187.50, 000  
Section 16  
T20N, R34E, D3E - 166, 530, 000  
Bearing: S 54° 13' 41" E, Dist: 187.50, 000  
Section 21  
T20N, R34E, D3E - 166, 530, 000  
Bearing: S 54° 13' 41" E, Dist: 187.50, 000  
Section 16  
T20N, R34E, D3E - 166, 530, 000  
Bearing: S 54° 13' 41" E, Dist: 187.50, 000  
Section 21  
T20N, R34E, D3E - 166, 530, 000  
Bearing: S 54° 13' 41" E, Dist: 187.50, 000

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

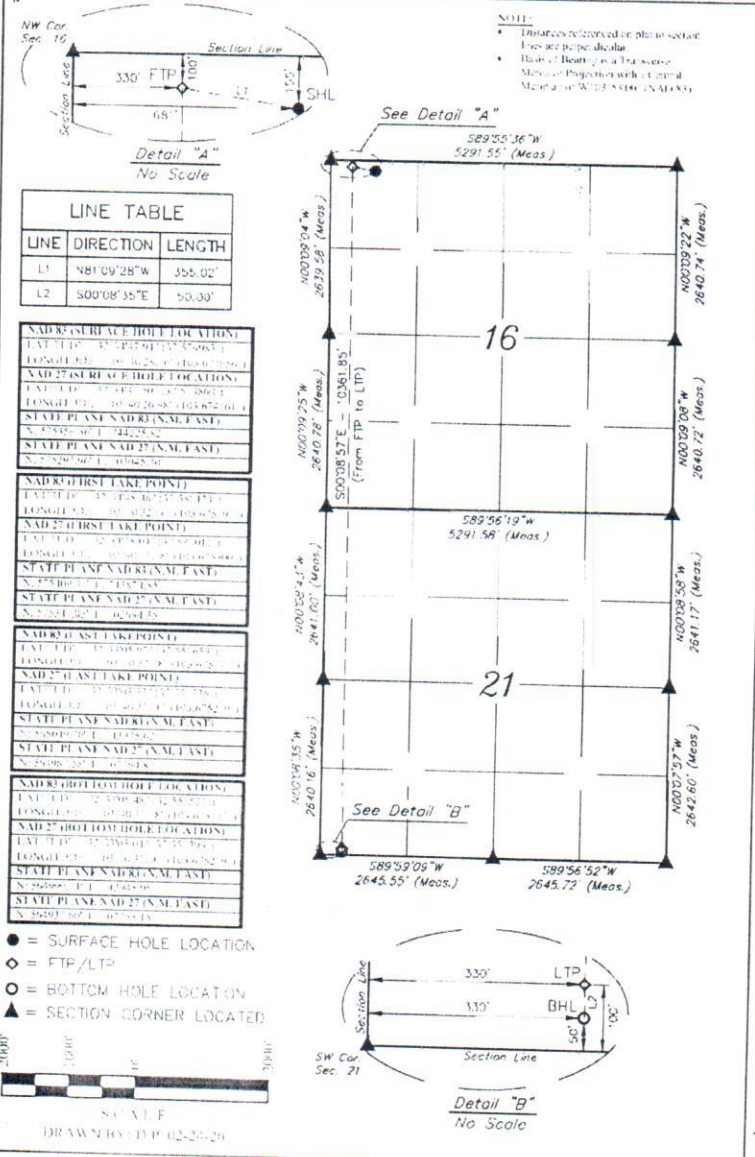
* API Number		* Pool Code		* Pool Name	
* Property Code		* Property Name		* Well Number	
* OGRD No.		* Operator Name		* Elevation	
		PONY EXPRESS FED COM		601H	
		ASCENT ENERGY		3530.3	

* Surface Location							
11 or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the
D	6	20S	33E	155	681	NORTH	WEST

* Bottom Hole Location If Different From Surface							
11 or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the
M	21	20N	33E	50	330	SOUTH	WEST

* Dedication Acres	* Joint or Infill	* Consolidation Code	* Order No.
320			

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



**\* OPERATOR CERTIFICATION**

I, the undersigned, being duly sworn, depose and say that the information contained herein is true and correct, to the best of my knowledge and belief, and that this information was prepared by me or under my direct supervision and control, and that I am a duly licensed professional engineer in the State of New Mexico.

*Ben Metz*      3-31-2020  
Signature      Date

Ben Metz  
Printed Name

bmetz@ascentenergy.us  
E-mail Address

**"SURVEYOR CERTIFICATION"**

I, the undersigned, being duly sworn, depose and say that the information contained herein is true and correct, to the best of my knowledge and belief, and that this information was prepared by me or under my direct supervision and control, and that I am a duly licensed professional engineer in the State of New Mexico.

January 30, 2020

Paul Buchhele  
Signature and Seal of Professional Surveyor



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

Block I  
 1225 N. Frank Dr., Santa Fe, NM 87505  
 Phone: (505) 994-6000, Fax: (505) 994-6072  
 Block II  
 500 N. Frank Ave., Santa Fe, NM 87505  
 Phone: (505) 994-6000, Fax: (505) 994-6072  
 Block III  
 1225 N. Frank Dr., Santa Fe, NM 87505  
 Phone: (505) 994-6000, Fax: (505) 994-6072  
 Block IV  
 1225 N. Frank Dr., Santa Fe, NM 87505  
 Phone: (505) 994-6000, Fax: (505) 994-6072

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 PONY EXPRESS FED COM			*Well Number 602H	
*GRID No.	*Operator Name ASCENT ENERGY			*Elevation 3532.9'	

Surface Location									
U or for Inm C	Section 16	Township 20S	Range 31E	Lot Idn	Feet from the 155	North/South line NORTH	Feet from the 1467	East/West line WEST	County LEA

Bottom Hole Location If Different From Surface									
U or for Inm S	Section 16	Township 20S	Range 31E	Lot Idn	Feet from the 50	North/South line SOUTH	Feet from the 1650	East/West line WEST	County LEA
*Dedicated Acres 370	*Joint or Infill	*Consolidation Code	*Order No.						

Not allowable 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 (1983) HOLE LOCATIONS	
LAT. (D.)	37° 41' 17.77" N
LONG. (D.)	105° 40' 47.97" W
NAD 83 (1983) HOLE LOCATIONS	
LAT. (D.)	37° 41' 17.77" N
LONG. (D.)	105° 40' 47.97" W
STATE PLANE NAD 83 (N.M. EAST)	
N. 37° 41' 17.77" E	1467.00'
N. 37° 41' 17.77" E	1467.00'
NAD 83 (1983) HOLE LOCATIONS	
LAT. (D.)	37° 41' 17.77" N
LONG. (D.)	105° 40' 47.97" W
STATE PLANE NAD 83 (N.M. EAST)	
N. 37° 41' 17.77" E	1467.00'
N. 37° 41' 17.77" E	1467.00'
NAD 83 (1983) HOLE LOCATIONS	
LAT. (D.)	37° 41' 17.77" N
LONG. (D.)	105° 40' 47.97" W
STATE PLANE NAD 83 (N.M. EAST)	
N. 37° 41' 17.77" E	1467.00'
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NAD 83 (1983) HOLE LOCATIONS	
LAT. (D.)	37° 41' 17.77" N
LONG. (D.)	105° 40' 47.97" W
STATE PLANE NAD 83 (N.M. EAST)	
N. 37° 41' 17.77" E	1467.00'
N. 37° 41' 17.77" E	1467.00'

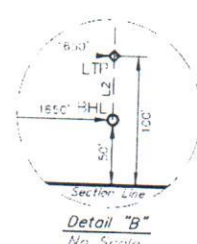
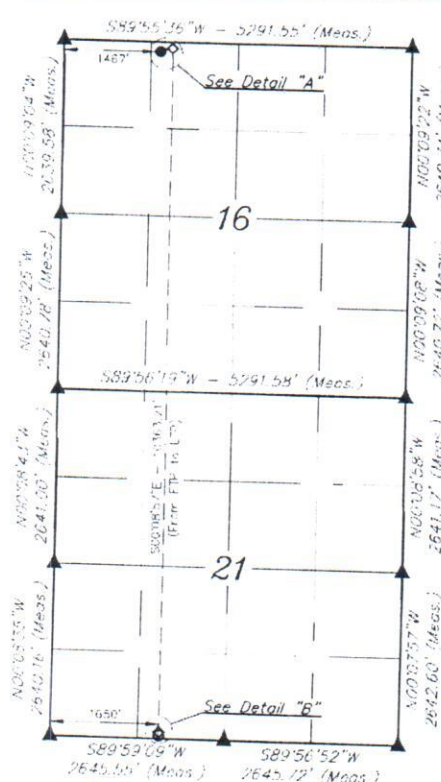
LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N 77° 02' 57" E	150.50'
L2	N 77° 02' 57" E	5.00'

SOIL:  
 • 0% - 100% - 100% - 100%  
 • 100% - 100% - 100% - 100%  
 • 100% - 100% - 100% - 100%  
 • 100% - 100% - 100% - 100%

- = SURFACE HOLE LOCATION
- ◆ = FT. LTP
- = BOTTOM HOLE LOCATION
- ▲ = SECTION CORNER LOCATED



SCALE  
 DRAWN BY: KA 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 the information does not contain any material or information concerning a working interest or other interest in the land underlying the proposed bottom hole location or has a right to drill this well in this location pursuant to a mineral lease or other agreement. I understand that any material or information concerning a working interest or other interest in the land underlying the proposed bottom hole location or has a right to drill this well in this location pursuant to a mineral lease or other agreement shall be filed with 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 information shown on this plat is true and correct to the best of my knowledge and belief, and that the information does not contain any material or information concerning a working interest or other interest in the land underlying the proposed bottom hole location or has a right to drill this well in this location pursuant to a mineral lease or other agreement. I understand that any material or information concerning a working interest or other interest in the land underlying the proposed bottom hole location or has a right to drill this well in this location pursuant to a mineral lease or other agreement shall be filed with the division.

January 21, 2020  
 Date of Survey

Paul Bichmele  
 Registered Professional Surveyor

Certified Signature

Ascent Energy, LLC	
Case No.	Exhibit
Pony Express FED COM 602H C-102 Well Plat	
Oct 13, 2020	



District I  
1625 N. FRENCH BL. TUCSON, AZ 85719  
Phone: (520) 295-6601 Fax: (520) 295-6670  
District II  
1515 N. GARDEN AVE. TUCSON, AZ 85719  
Phone: (520) 295-6601 Fax: (520) 295-6670  
District III  
1900 E. HIGHLAND BLVD. TUCSON, AZ 85719  
Phone: (520) 334-4100 Fax: (520) 334-4100  
District IV  
1750 S. LINDEN DR. TUCSON, AZ 85719  
Phone: (520) 334-4100 Fax: (520) 334-4100

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

APL Number		Pool Code		Pool Name	
Property Code		Property Name		Well Number	
OGRID No.		Operator Name		Elevation	
		SILVER FED COM		501H	
		ASCENT ENERGY		3531.2'	

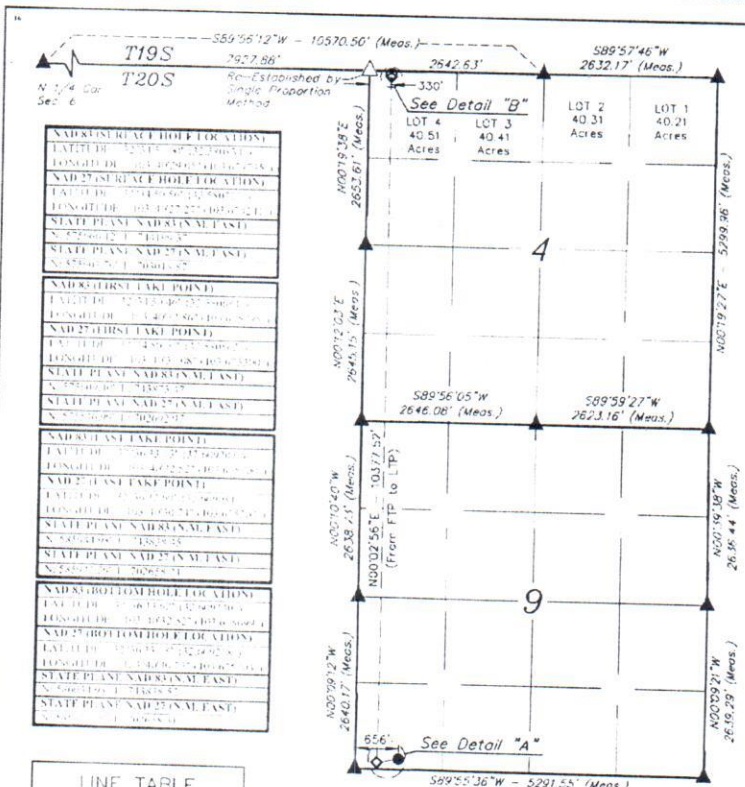
Surface Location

Lot	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	2	20S	35E	50	155	SOUTH	656	WEST	LJA

Bottom Hole Location If Different From Surface

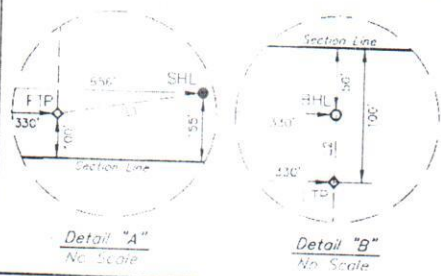
Lot	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	2	20S	35E	50	50	NORTH	330	WEST	LJA

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



NAD 83 SURFACE HOLE LOCATION	
EASTING ID	1034325.77
NORTHING ID	1034325.77
NAD 83 SURFACE HOLE LOCATION	
EASTING ID	1034325.77
NORTHING ID	1034325.77
STATE PLANE SURFACE HOLE LOCATION	
EASTING ID	1034325.77
NORTHING ID	1034325.77
NAD 83 SURFACE HOLE LOCATION	
EASTING ID	1034325.77
NORTHING ID	1034325.77
STATE PLANE SURFACE HOLE LOCATION	
EASTING ID	1034325.77
NORTHING ID	1034325.77
NAD 83 SURFACE HOLE LOCATION	
EASTING ID	1034325.77
NORTHING ID	1034325.77
STATE PLANE SURFACE HOLE LOCATION	
EASTING ID	1034325.77
NORTHING ID	1034325.77
NAD 83 SURFACE HOLE LOCATION	
EASTING ID	1034325.77
NORTHING ID	1034325.77
STATE PLANE SURFACE HOLE LOCATION	
EASTING ID	1034325.77
NORTHING ID	1034325.77

LINE	DIRECTION	LENGTH
L1	S80°22'09"W	330.60
L2	N60°11'36"E	50.00



- = SURFACE HOLE LOCATION
  - ◇ = FTP/LTP
  - = BOTTOM HOLE LOCATION
  - ▲ = SECTION CORNER LOCATED
  - △ = SECTION CORNER RE-ESTABLISHED (Not Set on Ground.)
- SCALE  
DRAWN BY: K.A. 02-24-20

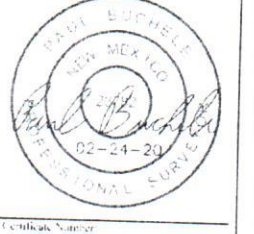
**OPERATOR CERTIFICATION**  
I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief, and that the organization or persons making reference on this plat are the owners of the land including the proposed well location and have the right to drill the well at this location pursuant to a contract with the owner of such mineral or mining interest or a valid permit, authorization or compulsory pooling order heretofore entered by the division.

Ben Metz 3-31-2020  
Signature Date

Ben Metz  
Printed Name  
bmetz@ascentenergy.us  
E-mail Address

**SURVEYOR CERTIFICATION**  
I hereby certify that the well location shown on this plat was plotted from the bearings of an accurate magnetic meridian 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  
Signature and Seal of Professional Surveyor



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

District I  
1635 N. Tercero Dr., Santa Fe, NM 87505  
Phone: (505) 994-6001, Fax: (505) 994-6200  
District II  
811 N. Tercero St., Santa Fe, NM 87505  
Phone: (505) 748-2500, Fax: (505) 748-5900  
District III  
1000 R. Highway Road, Santa Fe, NM 87505  
Phone: (505) 344-4000, Fax: (505) 344-4000  
District IV  
1200 S. Tercero Dr., Santa Fe, NM 87505  
Phone: (505) 346-6000, Fax: (505) 346-6000

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

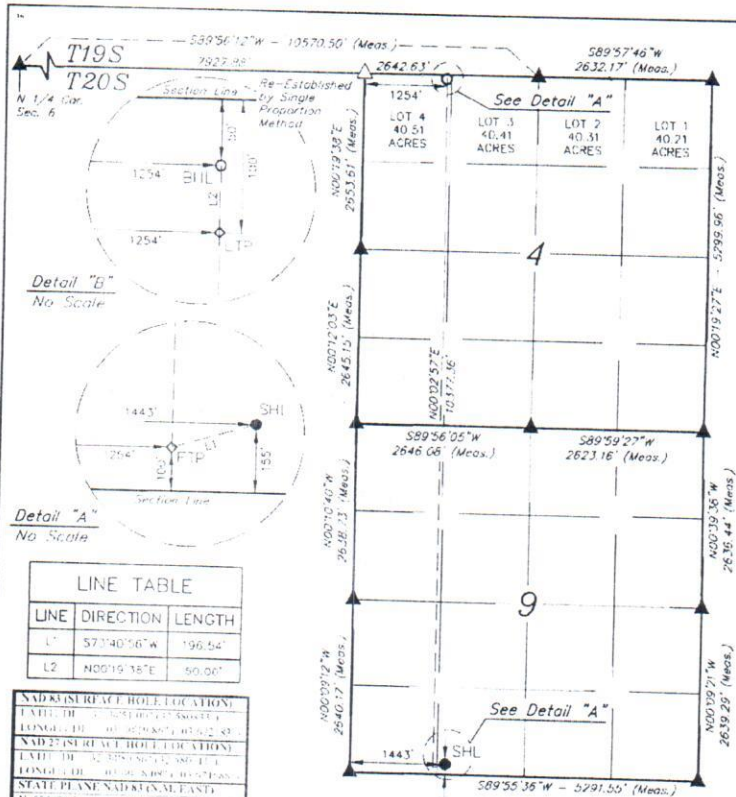
WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code		*Pool Name	
*Property Code		*Property Name		*Well Number	
*OGRID No.		*Operator Name		*Elevation	
		SILVER FED COM		502H	
		ASCENT ENERGY		3532.7'	

*Surface Location							
T1 or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the
N	0	20S	33E	155	1443	SOUTH	WEST
						County	
						LEA	

*Bottom Hole Location If Different From Surface							
T1 or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the
4	4	20S	33E	50	1254	NORTH	WEST
						County	
						LEA	
*Dedicated Acres		*Joint or Infill		*Consolidation Code		*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.

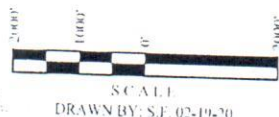


LINE	DIRECTION	LENGTH
L1	S77°40'56"W	196.54'
L2	N00°19'18"E	50.06'

*NAD83 SURFACE HOLE LOCATION		*NAD83 SURFACE TAKE POINT		*NAD83 SURFACE TAKE POINT		*NAD83 SURFACE TAKE POINT	
EASTING	3051007.27	EASTING	3051007.27	EASTING	3051007.27	EASTING	3051007.27
NORTHING	6119807.03	NORTHING	6119807.03	NORTHING	6119807.03	NORTHING	6119807.03
*NAD27 SURFACE HOLE LOCATION		*NAD27 SURFACE TAKE POINT		*NAD27 SURFACE TAKE POINT		*NAD27 SURFACE TAKE POINT	
EASTING	3051007.27	EASTING	3051007.27	EASTING	3051007.27	EASTING	3051007.27
NORTHING	6119807.03	NORTHING	6119807.03	NORTHING	6119807.03	NORTHING	6119807.03
*STATE PLANE NAD83 (N.EAST)		*STATE PLANE NAD83 (N.EAST)		*STATE PLANE NAD83 (N.EAST)		*STATE PLANE NAD83 (N.EAST)	
N	3051007.27	N	3051007.27	N	3051007.27	N	3051007.27
E	6119807.03	E	6119807.03	E	6119807.03	E	6119807.03
*STATE PLANE NAD27 (N.EAST)		*STATE PLANE NAD27 (N.EAST)		*STATE PLANE NAD27 (N.EAST)		*STATE PLANE NAD27 (N.EAST)	
N	3051007.27	N	3051007.27	N	3051007.27	N	3051007.27
E	6119807.03	E	6119807.03	E	6119807.03	E	6119807.03

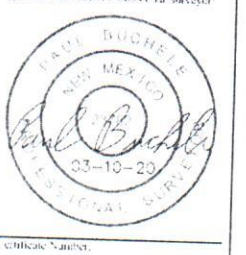
- = SURFACE HOLE LOCATION
- ◇ = FTP/LTP
- = BOTTOM HOLE LOCATION
- ▲ = SECTION CORNER LOCATED
- △ = SECTION CORNER RE-ESTABLISHED (Not Set on Ground)

NOTE:  
• Section lines are perpendicular.  
• Bearings - as measured.  
• Vertical Angle - as measured.  
• Magnetic N is 3.58° (E) of True N.



**"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 information was obtained by a working interest or individual mineral interest in the land including the proposed bottom hole location or may be obtained from a person or persons who are not a working interest, or from a mineral or royalty interest, or from a purchaser, pending agreement or a completed pooling order heretofore entered by the operator.  
*Ben Matz* 4-6-2020  
Signature Date  
Ben Matz  
Printed Name  
bmatz@ascentenergy.us  
E-mail Address

**"SURVEYOR CERTIFICATION"**  
I hereby certify that the information shown on this plat was plotted from the 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 31, 2020  
Drew S. Sweeney  
South East and North Professional Surveyor



Ascent Energy, LLC	
Case No.	Exhibit
Silver FED COM 502H C-102 Well Plat	
Oct 13, 2020	

District:  
 1635 N. Francis Dr., Suite 100, Santa Fe, NM 87505  
 Phone: (505) 996-6000, Fax: (505) 996-7200  
 District:  
 5115 N. 1st St., Suite 200, Santa Fe, NM 87505  
 Phone: (505) 749-1500, Fax: (505) 749-1500  
 District:  
 1900 W. Tularos Road, Santa Fe, NM 87505  
 Phone: (505) 749-1500, Fax: (505) 749-1500  
 District:  
 1225 N. Francis Dr., Suite 100, Santa Fe, NM 87505  
 Phone: (505) 749-1500, Fax: (505) 749-1500

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**

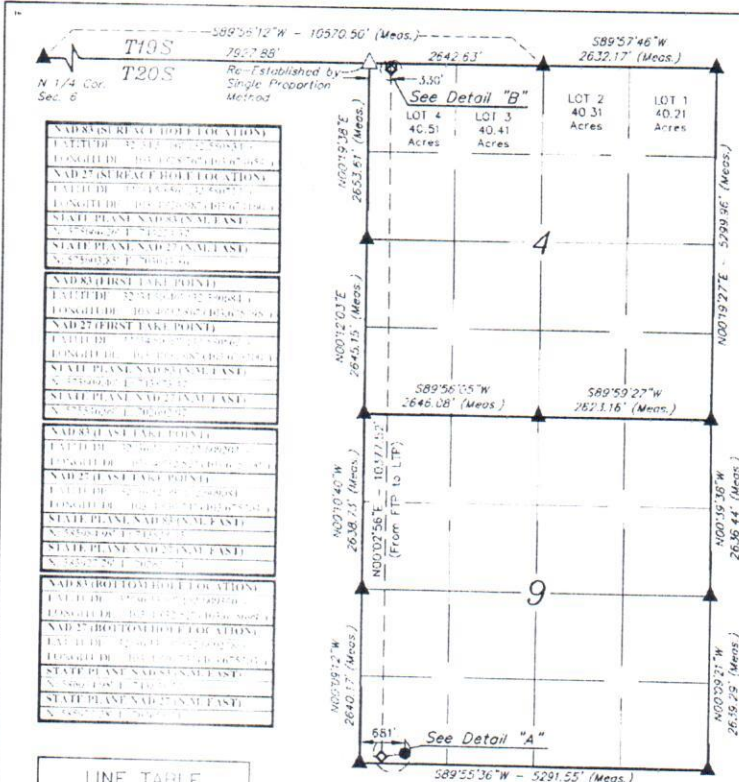
API Number	Pool Code	Pool Name
Property Code	Property Name SILVER FED COM	Well Number 60-11
OCDD No.	Operator Name ASCENT ENERGY	Elevation 3521.2'

* Surface Location									
TL or lot no. M	Section 9	Township 20S	Range 33E	Lot Idn	Feet from the 155	North/South line SOUTH	Feet from the 681	East/West line WEST	County LEA

* Bottom Hole Location If Different From Surface									
TL or lot no. M	Section 9	Township 20S	Range 33E	Lot Idn	Feet from the 50	North/South line NORTH	Feet from the 330	East/West line WLST	County LEA

* Dedicated Area 320.51	* Joint or Infill	* Consolidation Code	* 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.

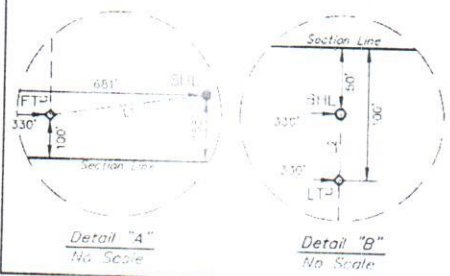


NAD 83 SURFACE HOLE LOCATION			
LOT 4	LOT 3	LOT 2	LOT 1
40.51 Acres	40.41 Acres	40.31 Acres	40.21 Acres
STATE PLANE NAD 83 (N/E) EAST			
N 57°56'26.1" E	2452.15'	N 57°56'26.1" E	2452.15'
STATE PLANE NAD 83 (S/E) EAST			
S 89°56'12.7" W	10570.50'	S 89°56'12.7" W	10570.50'
NAD 83 FIRST TAKE POINT			
LOT 4	LOT 3	LOT 2	LOT 1
40.51 Acres	40.41 Acres	40.31 Acres	40.21 Acres
STATE PLANE NAD 83 (N/E) EAST			
N 57°56'26.1" E	2452.15'	N 57°56'26.1" E	2452.15'
STATE PLANE NAD 83 (S/E) EAST			
S 89°56'12.7" W	10570.50'	S 89°56'12.7" W	10570.50'
NAD 83 LAST TAKE POINT			
LOT 4	LOT 3	LOT 2	LOT 1
40.51 Acres	40.41 Acres	40.31 Acres	40.21 Acres
STATE PLANE NAD 83 (N/E) EAST			
N 57°56'26.1" E	2452.15'	N 57°56'26.1" E	2452.15'
STATE PLANE NAD 83 (S/E) EAST			
S 89°56'12.7" W	10570.50'	S 89°56'12.7" W	10570.50'

LINE	DIRECTION	LENGTH
L1	S81°02'17"W	155.52
L2	N00°19'30"E	50.00

Notes:  
 1. Distances referenced on plat to section lines are referenced to the Point of Beginning as a Traverse.  
 2. All section widths are correct. Measure as shown with 1/4" tolerance.

- = SURFACE HOLE LOCATION
- ◆ = FTP/L TP
- = 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 plat was prepared by a duly qualified person or persons who are duly licensed by the State of New Mexico. I warrant that the information herein is true and correct to the best of my belief.  
 Ben Metz 3-31-2020  
 Signature Date  
 Ben Metz  
 Print Name  
 bmetz@ascenergy.us  
 E-mail Address

**"SURVEYOR CERTIFICATION"**  
 I hereby certify that the well location shown on this plat was obtained from field notes or original survey records, or under my supervision and that the same is true and correct to the best of my belief.  
 January 30, 2020  
 Dale B. Scheide  
 Registered Professional Surveyor  
 Dale B. Scheide  
 Seal of the State of New Mexico  
 Professional Surveyor  
 02-24-20  
 Certificate Number

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

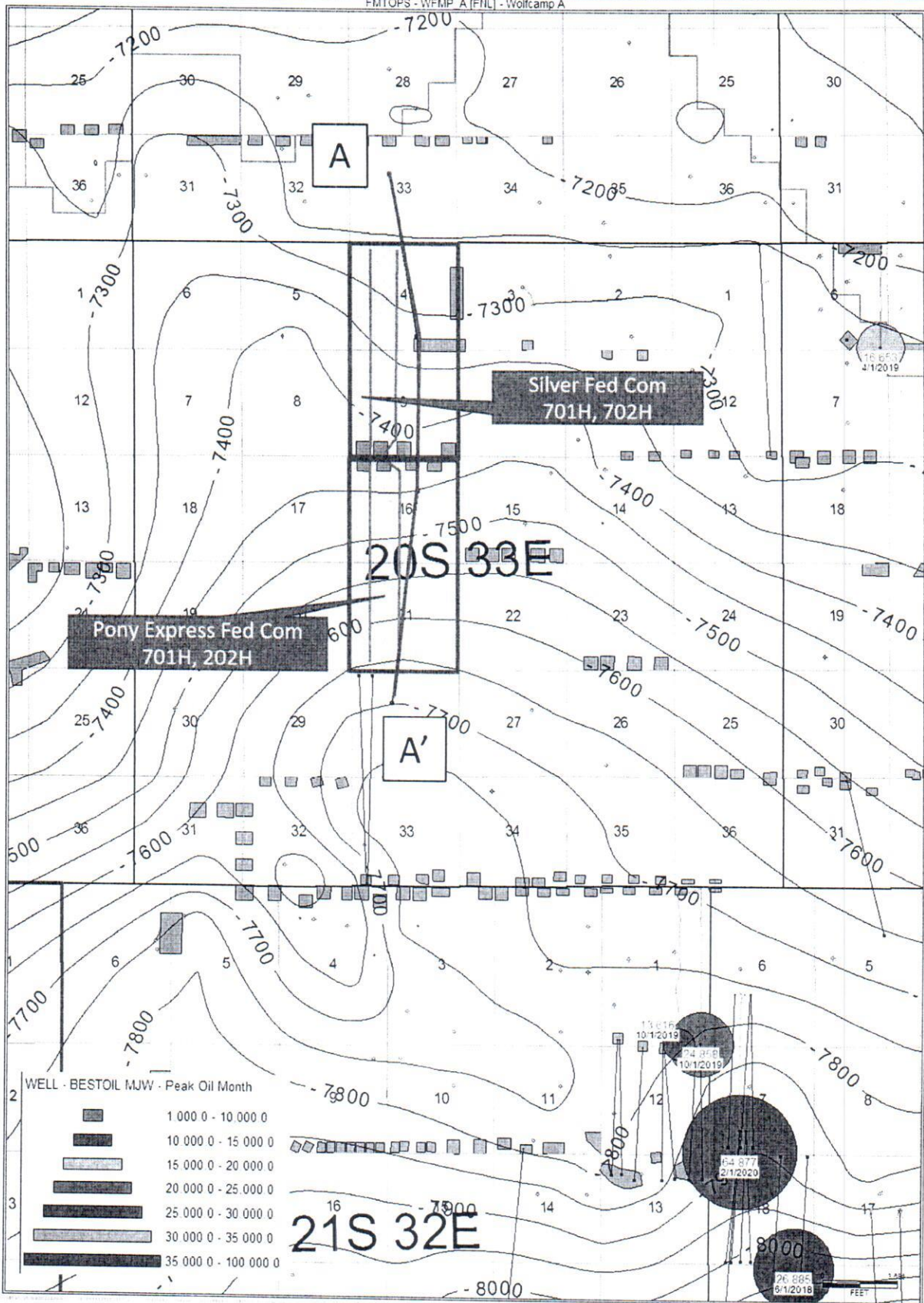
Case No. 21506: Wolfcamp 701H

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

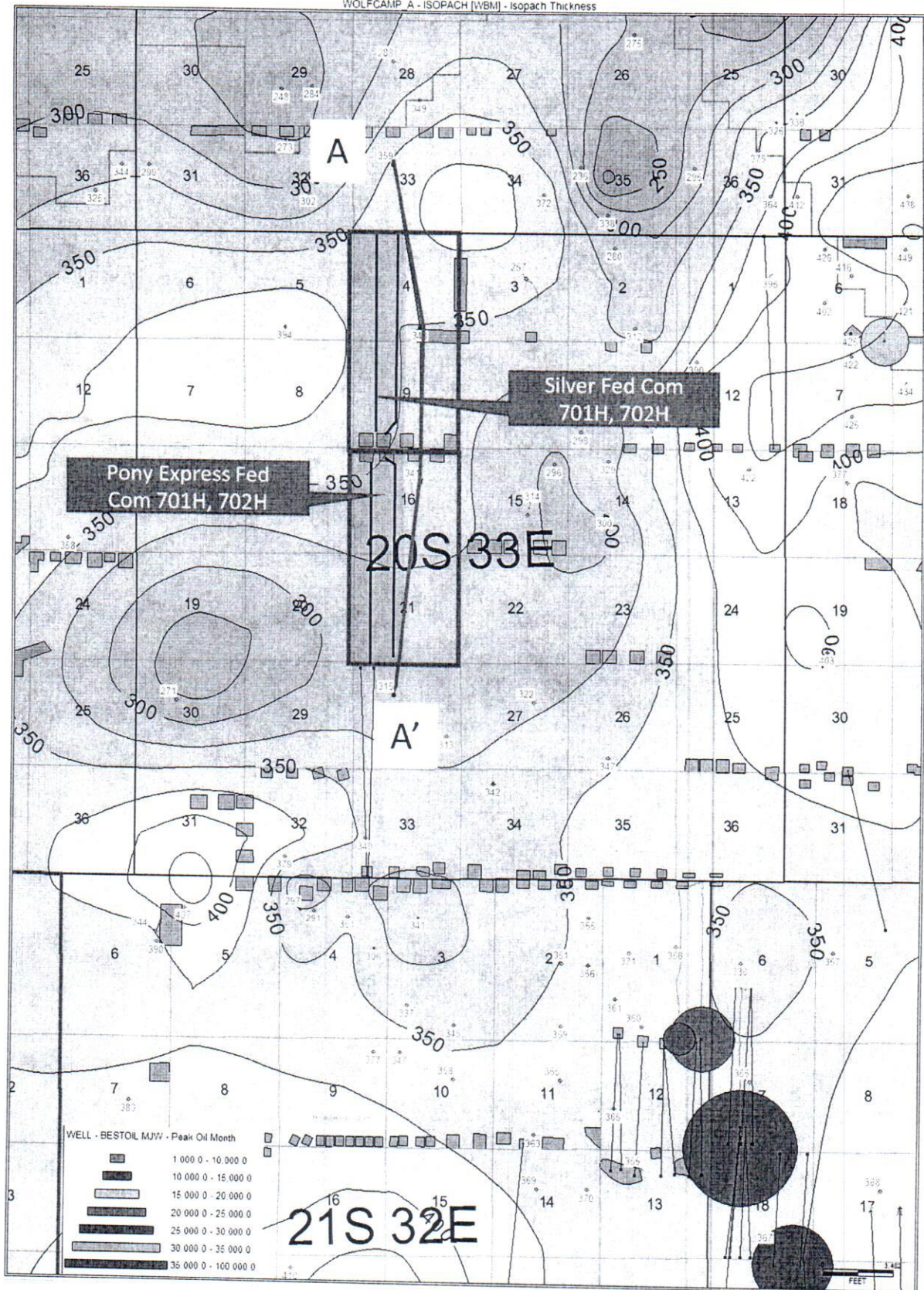


Case No. Exhibit

Wolfcamp A Structure & Producing Wolfcamp A/XY Wells & Wolfcamp Permits

CI = 50'

Oct 20, 2020



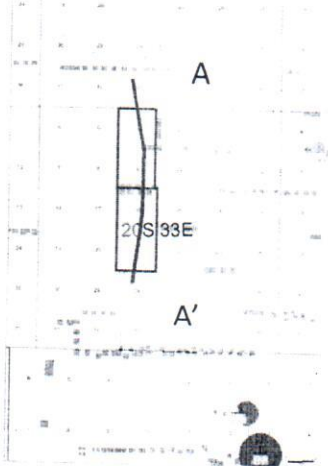
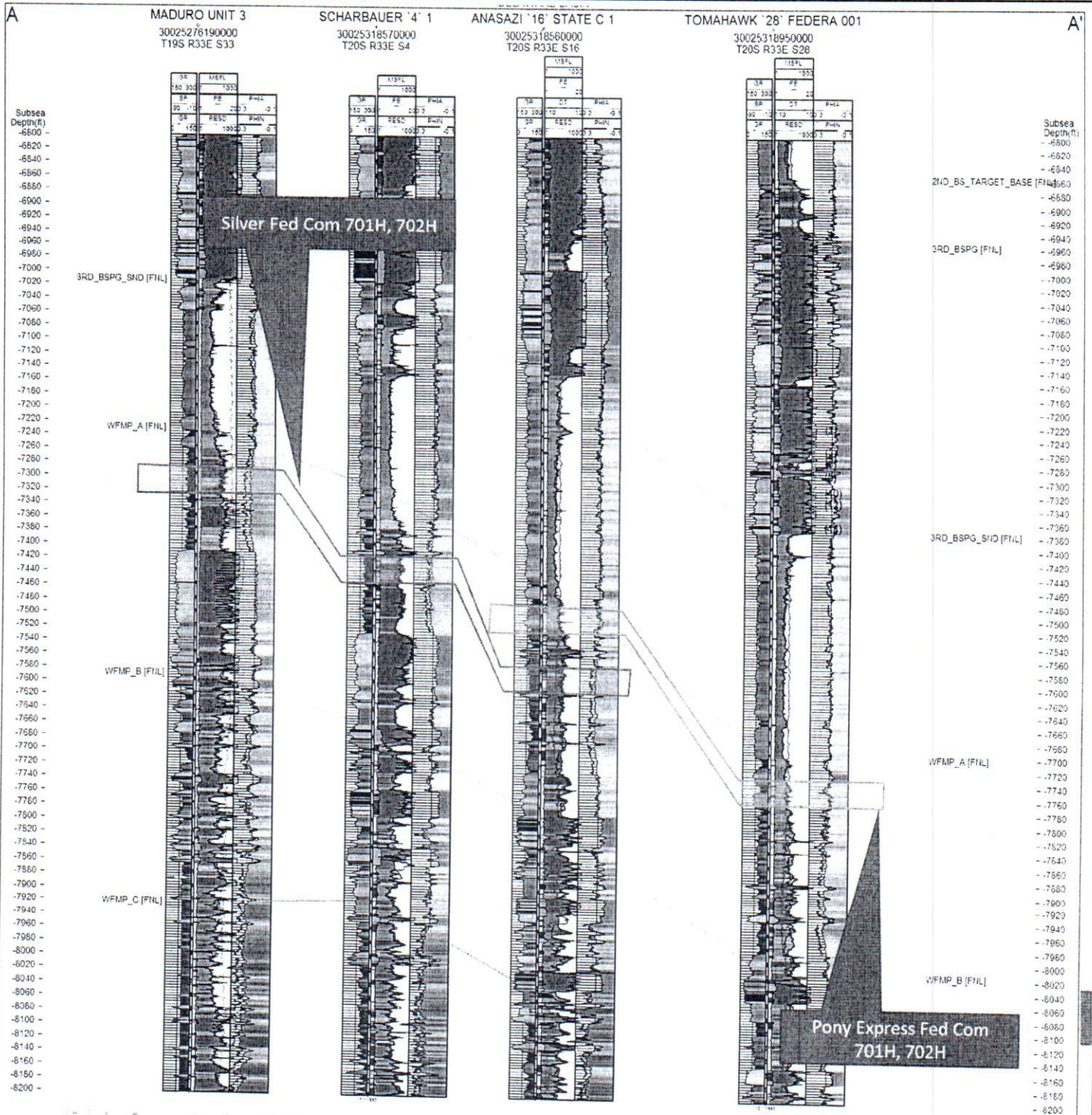
Proposed Pooling Units



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  
1625 N. Trench Dr., Hobbs, NM 88340  
Phone: (575) 334-6167 Fax: (575) 334-5070  
District II  
815 S. 7th St., Artesia, NM 88213  
Phone: (575) 748-1283 Fax: (575) 748-9750  
District III  
1900 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) 276-3461 Fax: (505) 276-3462

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 PONY EXPRESS FED COM		6 Well Number 701H	
7 GRID No.		8 Operator Name ASCENT ENERGY		9 Elevation 3530.4'	

10 Surface Location

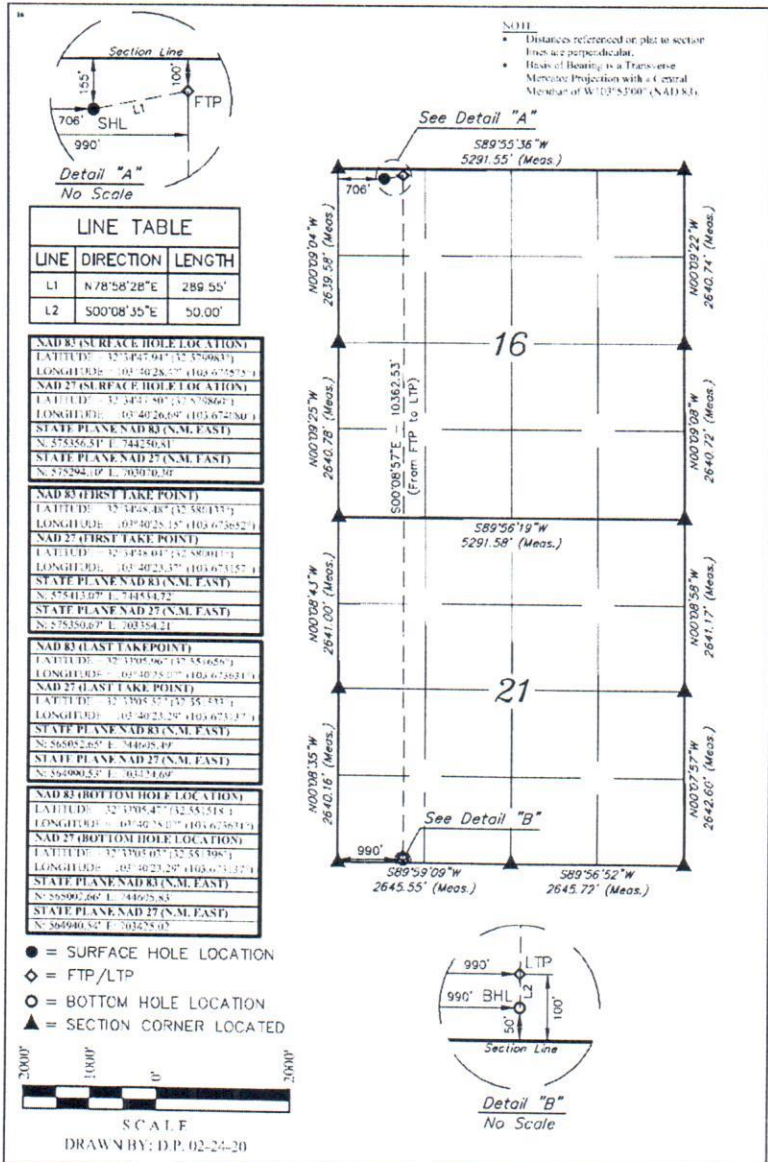
11 U. or lot no. D	12 Section 16	13 Township 20S	14 Range 33E	15 Lot Idn	16 Feet from the 155	17 North/South line NORTH	18 Feet from the 706	19 East/West line WEST	20 County LEA
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21 Bottom Hole Location If Different From Surface

22 U. or lot no. M	23 Section 21	24 Township 20S	25 Range 33E	26 Lot Idn	27 Feet from the 50	28 North/South line SOUTH	29 Feet from the 990	30 East/West line WEST	31 County LEA
-----------------------	------------------	--------------------	-----------------	------------	------------------------	------------------------------	-------------------------	---------------------------	------------------

32 Dedicated Acres 320	33 Joint or Infill	34 Consultation Code	35 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.



**"OPERATOR CERTIFICATION"**  
I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief and that this organization either owns a working interest or otherwise mineral interest in the land including the proposed bottom hole location or has a right to drill this well in this location pursuant to a written or oral agreement or a mineral or working interest or 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@ascentenergy.us  
E-mail Address

**"SURVEYOR CERTIFICATION"**  
I hereby certify that the well location shown on this plat was related to the field notes of a trial 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  
Signature and Seal of Professional Surveyor:  
PAUL BUCHELE  
NEW MEXICO  
PROFESSIONAL SURVEYOR  
02-24-20  
Certificate Number:

ATTACHMENT 13

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

District I  
1923 N. French Dr., Hobbs, NM 88240  
Phone: (575) 394-6161 Fax: (575) 394-6220  
District II  
511 S. First St., Artesia, NM 88210  
Phone: (575) 346-1703 Fax: (575) 346-9730  
District III  
300 E. Broadway Blvd., Artesia, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. Francisco Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3362

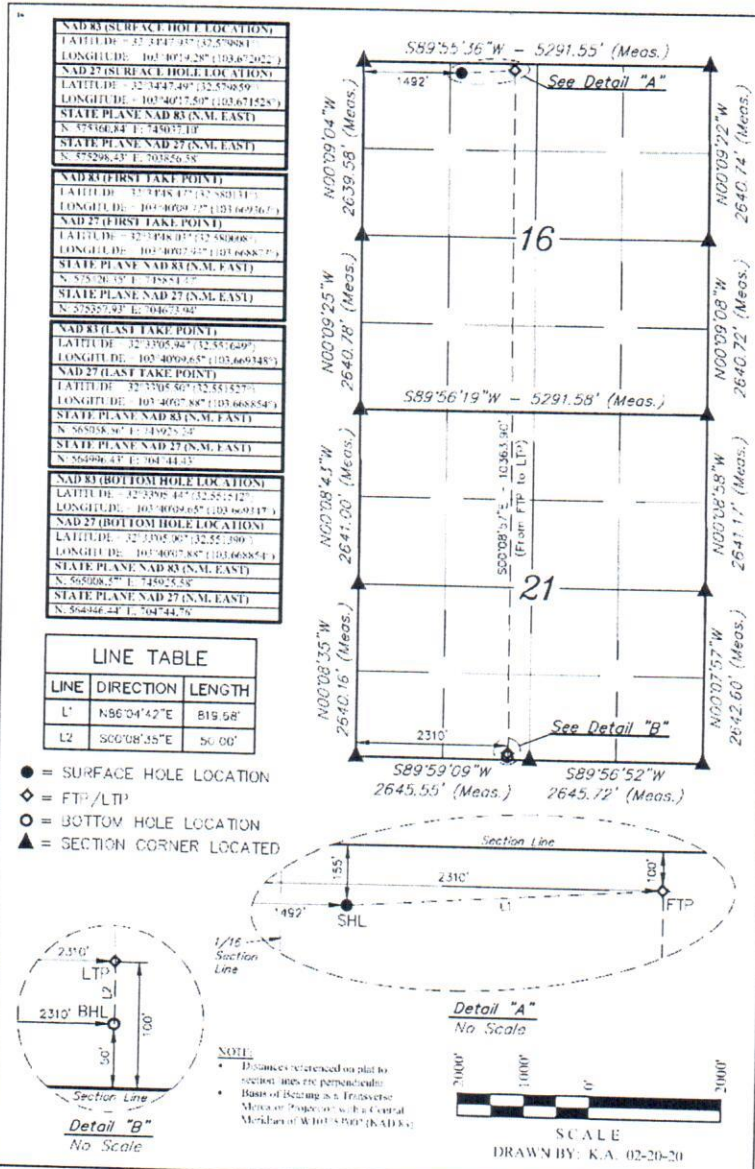
State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.,  
Santa Fe, NM 87505

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 FLD COM		6 Well Number 702H					
7 GRID No.		8 Operator Name ASCENT ENERGY		9 Elevation 3532.9'					
10 Surface Location									
U.I. 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.I. 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.			

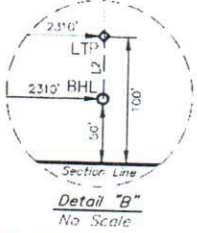
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



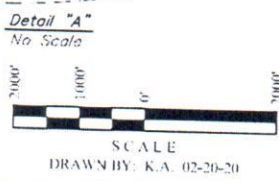
NAD 83 (SURFACE HOLE LOCATION)	
LATITUDE	32° 37' 47.77" N 35° 48' 84.1"
LONGITUDE	103° 40' 24.28" W 103° 40' 20.22" W
NAD 27 (SURFACE HOLE LOCATION)	
LATITUDE	32° 34' 47.49" N 35° 50' 59.59"
LONGITUDE	103° 40' 27.50" W 103° 40' 15.24" W
STATE PLANE NAD 83 (N.M. EAST)	
N	35566.84 E: 7450.77
STATE PLANE NAD 27 (N.M. EAST)	
N	35526.43 E: 7018.63
NAD 83 (FIRST TAKE POINT)	
LATITUDE	32° 37' 47.77" N 35° 48' 84.1"
LONGITUDE	103° 40' 24.28" W 103° 40' 16.7"
NAD 27 (FIRST TAKE POINT)	
LATITUDE	32° 37' 47.77" N 35° 48' 84.1"
LONGITUDE	103° 40' 24.28" W 103° 40' 16.7"
STATE PLANE NAD 83 (N.M. EAST)	
N	35566.84 E: 7450.77
STATE PLANE NAD 27 (N.M. EAST)	
N	35526.43 E: 7018.63
NAD 83 (LAST TAKE POINT)	
LATITUDE	32° 37' 47.77" N 35° 48' 84.1"
LONGITUDE	103° 40' 24.28" W 103° 40' 34.83"
NAD 27 (LAST TAKE POINT)	
LATITUDE	32° 37' 47.77" N 35° 48' 84.1"
LONGITUDE	103° 40' 24.28" W 103° 40' 34.83"
STATE PLANE NAD 83 (N.M. EAST)	
N	35566.84 E: 7450.77
STATE PLANE NAD 27 (N.M. EAST)	
N	35526.43 E: 7018.63
NAD 83 (BOTTOM HOLE LOCATION)	
LATITUDE	32° 33' 05.44" N 35° 42' 55.12"
LONGITUDE	103° 40' 09.65" W 103° 40' 11.7"
NAD 27 (BOTTOM HOLE LOCATION)	
LATITUDE	32° 33' 05.44" N 35° 42' 55.12"
LONGITUDE	103° 40' 09.65" W 103° 40' 11.7"
STATE PLANE NAD 83 (N.M. EAST)	
N	36508.37 E: 7450.77
STATE PLANE NAD 27 (N.M. EAST)	
N	36436.44 E: 7074.47

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N86°04'42"E	819.58'
L2	S00°08'35"E	50.00'

- = SURFACE HOLE LOCATION
- ◇ = FTP / LTP
- = BOTTOM HOLE LOCATION
- ▲ = SECTION CORNER LOCATED



NOTE:  
Distances referenced on plat to section lines are perpendicular.  
Basis of Scaling is: Transverse Meridian of Station with Central Meridian of White Pine (NAD 83)



**OPERATOR CERTIFICATION**  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with the owner of such a mineral or working interest or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the district.  
Ben Metz 3-31-2020  
Signature Date

Ben Metz  
Printed Name  
bmetz@ascentenergy.us  
E-mail Address

**SURVEYOR CERTIFICATION**  
I hereby certify that the well location shown on this plat was plotted to the nearest inches on the field notes 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



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

District I  
1625 N. Francis Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-6720  
District II  
311 S. First St., Artesia, NM 88210  
Phone: (575) 748-1281 Fax: (575) 748-9720  
District III  
1000 Rio Grande Blvd., Artesia, NM 87410  
Phone: (202) 334-6178 Fax: (505) 334-6179  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
4 Property Code	5 Property Name SILVER FED COM	6 Well Number 70111
7 OGRHD No.	8 Operator Name ASCENT ENERGY	9 Elevation 3531.4'

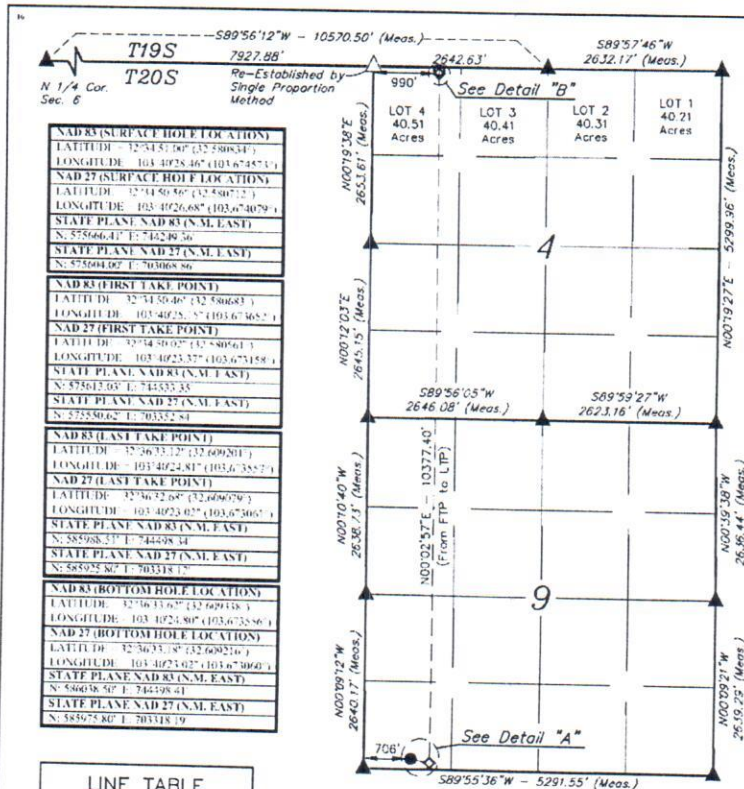
10 Surface Location

U.L. or lot no. M	Section 9	Township 20S	Range 33E	Lot Idn	Feet from the 155	North/South line SOUTH	Feet from the 706	East/West line WEST	County LEA
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11 Bottom Hole Location If Different From Surface

U.L. or lot no. 4	Section 4	Township 20S	Range 33E	Lot Idn	Feet from the 50	North/South line NORTH	Feet from the 990	East/West line WEST	County LEA
12 Dedicated Acres 320.51	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.

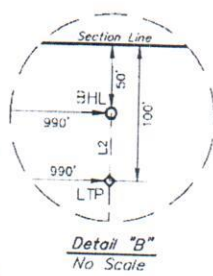
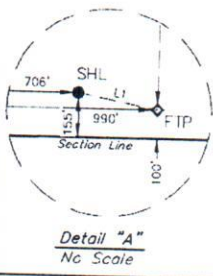


NAD 83 (SURFACE HOLE LOCATION)	
LATITUDE	32°54'51.04" (32.91695833)
LONGITUDE	103°49'28.46" (103.82190556)
NAD 27 (SURFACE HOLE LOCATION)	
LATITUDE	32°54'50.56" (32.91671111)
LONGITUDE	103°49'26.68" (103.81574722)
STATE PLANE NAD 83 (N.M. EAST)	
N	575666.41' E: 744249.56'
STATE PLANE NAD 27 (N.M. EAST)	
N	575664.02' E: 743068.96'
NAD 83 (FIRST TAKE POINT)	
LATITUDE	32°54'50.46" (32.91668333)
LONGITUDE	103°49'28.57" (103.81674167)
NAD 27 (FIRST TAKE POINT)	
LATITUDE	32°54'50.07" (32.91641667)
LONGITUDE	103°49'23.32" (103.81535556)
STATE PLANE NAD 83 (N.M. EAST)	
N	575612.03' E: 743333.33'
STATE PLANE NAD 27 (N.M. EAST)	
N	575530.62' E: 703322.84'
NAD 83 (LAST TAKE POINT)	
LATITUDE	32°56'33.12" (32.94280000)
LONGITUDE	103°49'24.81" (103.81552222)
NAD 27 (LAST TAKE POINT)	
LATITUDE	32°56'32.68" (32.94260778)
LONGITUDE	103°49'23.02" (103.81306111)
STATE PLANE NAD 83 (N.M. EAST)	
N	585908.33' E: 744598.34'
STATE PLANE NAD 27 (N.M. EAST)	
N	585925.80' E: 703318.17'
NAD 83 (BOTTOM HOLE LOCATION)	
LATITUDE	32°56'33.67" (32.94291944)
LONGITUDE	103°49'24.80" (103.81555556)
NAD 27 (BOTTOM HOLE LOCATION)	
LATITUDE	32°56'33.18" (32.94261667)
LONGITUDE	103°49'23.02" (103.81306111)
STATE PLANE NAD 83 (N.M. EAST)	
N	586638.50' E: 744598.41'
STATE PLANE NAD 27 (N.M. EAST)	
N	585975.80' E: 703318.19'

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

NOTE:  
Distances referenced on plat to section lines are perpendicular. Basis of Bearing is a Transverse Mercator Projection with a central Meridian of W101°09'00" (NAD 83).

- = SURFACE HOLE LOCATION
- ◆ = FIP/LIP
- = 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 a working interest or unleased mineral interests 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 a owner of such a mineral or working interest, or 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 obtained from field notes of actual survey made in, me or under me; inspection and that the same is true and correct to the best of my belief.

January 30, 2020  
Date of Survey

Signature and Seal of Professional Surveyor

Certificate Number:

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



**JAMES BRUCE**  
ATTORNEY AT LAW

POST OFFICE BOX 1056  
SANTA FE, NEW MEXICO 87504

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

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

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

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. 21503, for two Bone Spring wells in the E/2W/2 of Section 16 and the E/2W/2 of Section 21; and
2. Case No. 21504, for one Wolfcamp well in the E/2W/2 of Section 16 and E/2W/2 of Section 21,

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](http://emnrd.state.nm.us/OCD/hearings) or see the instructions posted on the Division's website, <http://emnrd.state.nm.us/OCD/announcements.html>.

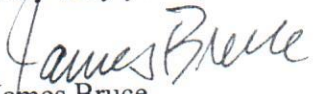
You are not required to attend this hearing, but as an owner of an interest who may be affected by the applications, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting these matters at a later date.

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](mailto: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,

  
James Bruce

Attorney for Ascent Energy, LLC



Exhibit A

COG Operating LLC  
600 W. Illinois Ave.  
Midland, TX 79701

ConocoPhillips Company  
16930 Park Row Drive  
Houston, Texas 77084

OXY USA WTP LP  
5 Greenway Plaza, Ste. 110  
Houston, TX 77046

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

**SENDER: COMPLETE THIS SECTION**

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

1. Article Addressed to:

ConocoPhillips Company  
16930 Park Row Drive  
Houston, Texas 77084



2. Art 7019 2970 0001 4037 7957 (OVER \$500)

A 0304

Domestic Return Receipt

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

**COMPLETE THIS SECTION ON DELIVERY**

- A. Signature WY RRB  Agent  Addressee
- B. Received by (Printed Name) WY RRB  Date of Delivery
- C. Date of Delivery
- D. Is delivery address different from item 1?  Yes  No  
If YES, enter delivery address below:

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

Restricted Delivery

Domestic Return Receipt

(OVER \$500)

A 0304

Domestic Return Receipt

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

**SENDER: COMPLETE THIS SECTION**

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

1. Article Addressed to:

ConocoPhillips Company  
16930 Park Row Drive  
Houston, Texas 77084



2. Art 7019 2970 0001 4037 7957 (OVER \$500)

A 0304

Domestic Return Receipt

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

**COMPLETE THIS SECTION ON DELIVERY**

- A. Signature [Signature]  Agent  Addressee
- B. Received by (Printed Name) [Signature]  Date of Delivery
- C. Date of Delivery 7-16-20
- D. Is delivery address different from item 1?  Yes  No  
If YES, enter delivery address below:

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

Restricted Delivery

Domestic Return Receipt

(OVER \$500)

A 0304

Domestic Return Receipt

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

**SENDER: COMPLETE THIS SECTION**

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

1. Article Addressed to:

ConocoPhillips Company  
16930 Park Row Drive  
Houston, Texas 77084



2. Art 7019 2970 0001 4037 7957 (OVER \$500)

A 0304

Domestic Return Receipt

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

**COMPLETE THIS SECTION ON DELIVERY**

- A. Signature WY RRB  Agent  Addressee
- B. Received by (Printed Name) WY RRB  Date of Delivery
- C. Date of Delivery
- D. Is delivery address different from item 1?  Yes  No  
If YES, enter delivery address below:

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

Restricted Delivery

Domestic Return Receipt

(OVER \$500)

A 0304

Domestic Return Receipt

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

**SENDER: COMPLETE THIS SECTION**

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

1. Article Addressed to:

ConocoPhillips Company  
16930 Park Row Drive  
Houston, Texas 77084



2. Art 7019 2970 0001 4037 7957 (OVER \$500)

A 0304

Domestic Return Receipt

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

**COMPLETE THIS SECTION ON DELIVERY**

- A. Signature [Signature]  Agent  Addressee
- B. Received by (Printed Name) [Signature]  Date of Delivery
- C. Date of Delivery 7-16-20
- D. Is delivery address different from item 1?  Yes  No  
If YES, enter delivery address below:

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

Restricted Delivery

Domestic Return Receipt

(OVER \$500)

A 0304

Domestic Return Receipt

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

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

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

**OFFICIAL USE**

Certified Mail Fee \$

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

Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To EOG Resources, Inc.

Street and Apt. No., or P.O. Box 5509 Champions Drive

City, State, ZIP+4® Midland, Texas 79706

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

Postmark Here

Domestic Return Receipt

**SENDER: COMPLETE THIS SECTION**

■ Complete items 1, 2, and 3.

■ Print your name and address on the reverse so that we can return the card to you.

■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

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



2. Art 7019 2970 0001 4037 7957 (OVER \$500)

A 0304

Domestic Return Receipt

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

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Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To ConocoPhillips Company

Street and Apt. No., or P.O. Box 16930 Park Row Drive

City, State, ZIP+4® Houston, Texas 77084

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

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Domestic Return Receipt

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Adult Signature Restricted Delivery \$

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5509 Champions Drive  
Midland, Texas 79706



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



2. Art 7019 2970 0001 4037 7957 (OVER \$500)

A 0304

Domestic Return Receipt

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

**SENDER: COMPLETE THIS SECTION**

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

1. Article Addressed to:

COG Operating LLC  
600 W. Illinois Ave.  
Midland, TX 79701



9590 9402 5941 0062 9690 56

2. Article Number (Transfer from service label)

7019 2970 0001 4037 7940

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

Domestic Return Receipt

A 0904

**COMPLETE THIS SECTION ON DELIVERY**

- A. Signature  Agent  
 Addressee  
 B. Received by (Printed Name) Danese Klein C. Date of Delivery 10/19/14  
 D. Is delivery address different from item 1?  Yes  
 If YES, enter delivery address below:  No

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

7019 2970 0001 4037 7940

**U.S. Postal Service™ CERTIFIED MAIL® RECEIPT**  
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**OFFICIAL USE**

Certified Mail Fee \$  
 Extra Services & Fees (check box, add fee as appropriate)  
 Return Receipt (hardcopy) \$  
 Return Receipt (electronic) \$  
 Certified Mail Restricted Delivery \$  
 Adult Signature Required \$  
 Adult Signature Restricted Delivery \$  
 Postage \$  
 Total Postage and Fees \$  
 Sent To OXY USA WTP LP  
5 Greenway Plaza, Ste. 110  
Houston, TX 77046  
 Street and Apt. No., or PO Box  
 City, State, ZIP+4®  
 See Reverse for Instructions

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

**U.S. Postal Service™ CERTIFIED MAIL® RECEIPT**  
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Certified Mail Fee \$  
 Extra Services & Fees (check box, add fee as appropriate)  
 Return Receipt (hardcopy) \$  
 Return Receipt (electronic) \$  
 Certified Mail Restricted Delivery \$  
 Adult Signature Required \$  
 Adult Signature Restricted Delivery \$  
 Postage \$  
 Total Postage and Fees \$  
 Sent To COG Operating LLC  
600 W. Illinois Ave.  
Midland, TX 79701  
 Street and Apt. No., or PO Box  
 City, State, ZIP+4®  
 See Reverse for Instructions

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

7019 2970 0001 4037 7940

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- 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:

OXY USA WTP LP  
5 Greenway Plaza, Ste. 110  
Houston, TX 77046



9590 9402 5941 0062 9690 32

2. Article

7019 2970 0001 4037 7940

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

**COMPLETE THIS SECTION ON DELIVERY**

- A. Signature  Agent  
 Addressee  
 B. Received by (Printed Name) C. VUa C. Date of Delivery 10-07-14  
 D. Is delivery address different from item 1?  Yes  
 If YES, enter delivery address below:  No

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

Insured Mail Restricted Delivery (over \$500)

A 0304

Domestic Return Receipt

# COMPULSORY POOLING APPLICATION CHECKLIST

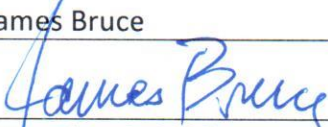
ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

<b>Case:</b>	<b>21503</b>
<b>Date</b>	<b>November 5, 2020</b>
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	Pony Express Bone Spring wells
<b>Formation/Pool</b>	
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
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320 acres
Building Blocks:	40 acres
Orientation:	<b>North-South</b>
Description: TRS/County	E/2W/2 §16 and E/2W/2 §21-20S-33E, NMPM, Lea County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
<b>Other Situations</b>	
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
<b>Well(s)</b>	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Pony Express Fed. Com. Well No. 503H API No. 30-025-Pending SHL: 155 FNL & 1517 FWL §16 BHL: 50 FSL & 2178 FWL §21 FTP: 100 FNL & 2178 FWL §16 LTP: 100 FSL & 2178 FWL §21 Second Bone Spring Sand/TVD 10097 feet/MD 20408 feet

EXHIBIT 5

Pony Express Fed. Com. Well No. 601H  
 API No. 30-025-Pending  
 SHL: 155 FNL & 1467 FWL §16  
 BHL: 50 FSL & 1650 FWL §21  
 FTP: 100 FNL & 1650 FWL §16  
 LTP: 100 FSL & 1650 FWL §21  
 Third Bone Spring Sand/TVD 10934 feet/MD 21198 feet

Horizontal Well First and Last Take Points	See above
Completion Target (Formation, TVD and MD)	See above
<b>AFE Capex and Operating Costs</b>	
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
<b>Notice of Hearing</b>	
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
<b>Ownership Determination</b>	
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
<b>Joinder</b>	
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	<b>\$8000/\$800</b>
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
<b>Geology</b>	
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	
<b>Forms, Figures and Tables</b>		
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	
<b>Additional Information</b>		
<b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b>		
<b>Printed Name</b> (Attorney or Party Representative):	James Bruce	
<b>Signed Name</b> (Attorney or Party Representative):		
<b>Date:</b>	November 4, 2020	

# COMPULSORY POOLING APPLICATION CHECKLIST

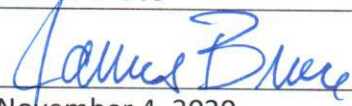
ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

<b>Case:</b>	21504
<b>Date</b>	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	Pony Express Bone Wolfcamp wells
<b>Formation/Pool</b>	
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
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320 acres
Building Blocks:	40 acres
Orientation:	<b>North-South</b>
Description: TRS/County	E/2W/2 §16 and E/2W/2 §21-20S-33E, NMPM, Lea County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
<b>Other Situations</b>	
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
<b>Well(s)</b>	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Pony Express Fed. Com. Well No. 702H API No. 30-025-Pending SHL: 155 FNL & 1492 FWL §16 BHL: 50 FSL & 2310 FWL §21 FTP: 100 FNL & 2310 FWL §16 LTP: 100 FSL & 2310 FWL §21 Wolfcamp/TVD 11065 feet/MD 21360 feet

EXHIBIT 6

Horizontal Well First and Last Take Points	See above	
Completion Target (Formation, TVD and MD)	See above	
<b>AFE Capex and Operating Costs</b>		
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	
<b>Notice of Hearing</b>		
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	
<b>Ownership Determination</b>		
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	
<b>Joinder</b>		
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	<b>\$8000/\$800</b>	
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	
<b>Geology</b>		
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	
<b>Forms, Figures and Tables</b>		
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	
<b>Additional Information</b>		
<b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b>		
<b>Printed Name</b> (Attorney or Party Representative):	James Bruce	
<b>Signed Name</b> (Attorney or Party Representative):		
<b>Date:</b>	November 4, 2020	