

# **Table of Contents**

## **Exhibit A**

Affidavit of  
Mark Hadjik

OCD Case 21078 and 21079  
(Big Burro wells)  
Colgate Operating, LLC

|   | <b><u>Bate Numbers</u></b> |
|---|----------------------------|
| 1) Exhibit A Affidavit                  | 1-5                        |
| 2) Exhibits 5 through 8<br>C-102's      | 66-127                     |
| 3) Exhibit 9<br>WI Calculation          | 128-129                    |
| 4) Exhibit 11<br>Faskin Support letter  | 132                        |
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**STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION**

**APPLICATION OF COLGATE OPERATING, LLC  
FOR COMPULSORY POOLING, AND NON-  
STANDARD SPACING AND PRORATION UNIT IN  
EDDY COUNTY, NEW MEXICO**

**CASE NO. 21239**

**APPLICATION OF COLGATE OPERATING, LLC  
FOR COMPULSORY POOLING, AND NON-  
STANDARD SPACING AND PRORATION UNIT IN  
EDDY COUNTY, NEW MEXICO**

**CASE NO. 21078, 21079**

**AFFIDAVIT**

**STATE OF TEXAS            )  
                                  ) ss.  
COUNTY OF MIDLAND    )**

**Mark Hajdik, being duly sworn, deposes and states:**

1. I am over the age of 18, I am a Petroleum Landman for Colgate Operating, LLC, and have personal knowledge of the matters stated herein. I have previously testified before the Oil Conservation Division ("Division") and my credentials as an expert petroleum landman are a matter of record with the Division.
2. My area of responsibility of Colgate Operating, LLC includes the area of Eddy County in New Mexico.
3. I am familiar with the applications filed with by Colgate Operating, LLC.
4. I am familiar with the status of the lands that are subject to these applications.
5. I submit the following information pursuant to NMAC 19.15.4.12.A(1) in support of the above referenced compulsory pooling applications.
6. In Case 21239 Applicant seeks an order pooling all mineral interests within

the Bone Spring Formation, underlying the N /2 of Sections 27 and 28, Township 19 South, Range 28 East, NMPM, Eddy County, New Mexico. Applicant seeks to dedicate the horizontal spacing units described below to the following four initial wells:

- A. Weaver 27 State Com 121H**  
SHL: 655 FNL and 270 FEL of Section 27-19S-28E  
BHL: 990 FNL and 10 FWL of Section 28-19S-28E  
TVD: 7,500  
TMD: 17,179 Targeted Interval: 2nd Bone Spring  
Spacing Unit: N/2 N/2 of Section 27 and N/2 N/2 of Section 28.
- B. Weaver 27 State Com 122H**  
SHL: 1,975 FNL and 270 FEL of Section 27-19S-28E  
BHL: 2,310 FNL and 10 FWL of Section 28-19S-28E  
TVD: 7,500  
TMD: 17,209  
Targeted Interval: 2nd Bone Spring  
Spacing Unit: S/2 N/2 of Section 27 and S/2 N/2 of Section 28.
- C. Weaver 27 State Com 131H**  
SHL: 700 FNL and 270 FEL of Section 27-19S-28E  
BHL: 890 FNL and 10 FWL of Section 28-19S-28E  
TVD: 8,600  
TMD: 18,324  
Targeted Interval: 3rd Bone Spring  
Spacing Unit: N/2 N/2 of Section 27 and N/2 N/2 of Section 28.
- D. Weaver 27 State Com 132H**  
SHL: 2,020 FNL and 270 FEL of Section 27-19S-28E  
BHL: 2,210 FNL and 10' FWL of Section 28-19S-28E  
TVD: 8,600  
TMD: 18,364  
Targeted Interval: 3rd Bone Spring  
Spacing Unit: S/2 N/2 of Section 27 and S/2 N/2 of Section 28.

Attached hereto as Exhibits 1, 2, 3, and 4 are copies of the C-102s for the foregoing wells, together with associated mapping.

7. In Cases 21078 and 21079 Applicant seeks an order pooling all mineral interests within the Bone Spring Formation, underlying the S /2 of Sections 27 and 28, Township 19 South, Range 28 East, NMPM, Eddy County, New Mexico. Applicant seeks to dedicate the horizontal spacing unit described below to the following four initial wells:

- A. Big Burro 27 State Com 123H**  
SHL: 660' FSL and 300' FEL of Section 27-19S-28E  
BHL: 1650' FSL and 100' FWL of Section 28-19S-28E

TVD: 7,495'  
TMD: 17,249'  
Targeted Interval: 2<sup>nd</sup> Bone Spring  
Spacing Unit: N/2S/2 of Section 27 and N/2S/2 of Section 28

- B. Big Burro 27 State Com 124H**  
SHL: 660' FSL and 300' FEL of Section 27-19S-28E  
BHL: 330' FSL and 100' FWL of Section 28-19S-28E  
TVD: 7,515'  
TMD: 17,269'  
Targeted Interval: 2<sup>nd</sup> Bone Spring  
Spacing Unit: N/2S/2 of Section 27 and N/2S/2 of Section 28
- C. Big Burro 27 State Com 133H**  
SHL: 1000' FSL and 50' FEL of Section 27-19S-28E  
BHL: 1750' FSL and 100' FWL of Section 28-19S-28E  
TVD: 8,650'  
TMD: 18,404'  
Targeted Interval: 3<sup>rd</sup> Bone Spring  
Spacing Unit: S/2S/2 of Section 27 and N/2S/2 of Section 28
- D. Big Burro 27 State Com 134H**  
SHL: 950' FSL and 50' FEL of Section 27-19S-28E  
BHL: 430' FSL and 100' FWL of Section 28-19S-28E  
TVD: 8,660'  
TMD: 18,414'  
Targeted Interval: 3<sup>rd</sup> Bone Spring  
Spacing Unit: S/2S/2 of Section 27 and N/2S/2 of Section 28

Attached hereto as **Exhibits 5, 6, 7, and 8** are copies of the C-102s for the foregoing wells, together with associated mapping.

7. The parties being pooled and the percent of their interests are shown in **Exhibits 9 and 10** for the respective cases. The owners of overriding royalty interests are also identified in Exhibits 9 and 10. **Exhibit 11** is a letter from Fasken Oil and Ranch supporting Colgate's applications.

8. Colgate Operating LLC have conducted a diligent search of the public records in the county where the wells are located and conducted phone directory and computer searches to



locate contact information for parties entitled to notification, and mailed all parties well proposals. A copy of Communication Timeline is attached hereto as **Exhibit 12** for both cases.

9. In my opinion, Colgate Operating. LLC has made a good faith effort to obtain voluntary joinder of the working interest owners in the proposed wells.

10. **Exhibits 13 and 14** are copies of proposal letters sent to working interest owners, which were sent in November and December 2019, for the proposed wells in both cases together with AFEs.

11. The proposal letters identified the proposed first and last take points and approximate TVD.

12. **Exhibit 15** contains updated and reduced Authorizations for Expenditure for the proposed wells. The estimated cost of the wells set forth therein is fair and reasonable and is comparable to the costs of other wells of similar depths and length drilled in this area of New Mexico. Colgate Operating. LLC requests overhead and administrative rates of \$8,000.00/month for drilling a well and \$800.00/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 area of Southeastern, New Mexico. Colgate Operating. LLC requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.

13. Colgate Operating. LLC requests the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.

14. Colgate Operating. LLC requests that it be designated operator of the wells.

15. The attachments to this affidavit were prepared by me, or compiled from company business records, or were prepared at my direction.

16. I attest that the information provided herein is correct and complete to the best of my knowledge and belief.

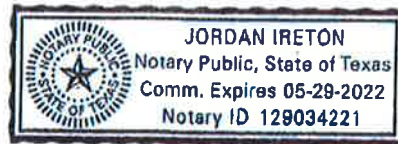
17. The granting of this application is in the interests of conservation and the prevention of waste.

  
MARK HADJIK

SUBSCRIBED AND SWORN to before me this 10<sup>th</sup> day of August, 2020, by MARK HADJIK on behalf of Colgate Operating, LLC.

  
Notary Public

My Commission Expires:  
5/29/2022



District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

| <sup>1</sup> API Number    | <sup>2</sup> Pool Code        | <sup>3</sup> Pool Name   |
|----------------------------|-------------------------------|--------------------------|
| <sup>4</sup> Property Code | <sup>5</sup> Property Name    | <sup>6</sup> Well Number |
|                            | <b>BIG BURRO 27 STATE COM</b> | <b>123H</b>              |
| <sup>7</sup> OGRID No.     | <sup>8</sup> Operator Name    | <sup>9</sup> Elevation   |
| <b>371449</b>              | <b>COLGATE ENERGY LLC</b>     | <b>3335.8</b>            |

<sup>10</sup> Surface Location

| UL or lot no. | Section   | Township    | Range       | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County      |
|---------------|-----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>I</b>      | <b>27</b> | <b>19 S</b> | <b>28 E</b> |         | <b>1970</b>   | <b>SOUTH</b>     | <b>520</b>    | <b>EAST</b>    | <b>EDDY</b> |

<sup>11</sup> Bottom Hole Location If Different From Surface

| UL or lot no. | Section   | Township    | Range       | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County      |
|---------------|-----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>L</b>      | <b>28</b> | <b>19 S</b> | <b>28 E</b> |         | <b>1650</b>   | <b>SOUTH</b>     | <b>10</b>     | <b>WEST</b>    | <b>EDDY</b> |

| <sup>12</sup> Dedicated Acres | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|-------------------------------|-------------------------------|----------------------------------|-------------------------|
|                               |                               |                                  |                         |

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

|  |   |
|--|---|
|  | <p><b><sup>17</sup> OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p><b><sup>18</sup> SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>JANUARY 28, 2020</p> <p>Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor _____</p> <p>Certificate Number: FILLMORE PROFESSIONAL SURVEYORS, PLS 12797</p> <p>SURVEY NO. 7921</p> |
|--|---|

Intent ☐ As Drilled ☐

API #

Operator Name:

**COLGATE ENERGY LLC**

Property Name:

**BIG BURRO 27 STATE COM**

Well Number

**123H**

Kick Off Point (KOP)

|                               |                      |                        |                     |     |                                 |                          |                    |                         |                       |
|-------------------------------|----------------------|------------------------|---------------------|-----|---------------------------------|--------------------------|--------------------|-------------------------|-----------------------|
| UL<br><b>I</b>                | Section<br><b>27</b> | Township<br><b>19S</b> | Range<br><b>28E</b> | Lot | Feet<br><b>1970</b>             | From N/S<br><b>SOUTH</b> | Feet<br><b>520</b> | From E/W<br><b>EAST</b> | County<br><b>EDDY</b> |
| Latitude<br><b>32.6299376</b> |                      |                        |                     |     | Longitude<br><b>104.1575118</b> |                          |                    | NAD<br><b>83</b>        |                       |

First Take Point (FTP)

|                               |                      |                        |                     |     |                                 |                          |                    |                         |                       |
|-------------------------------|----------------------|------------------------|---------------------|-----|---------------------------------|--------------------------|--------------------|-------------------------|-----------------------|
| UL<br><b>I</b>                | Section<br><b>27</b> | Township<br><b>19S</b> | Range<br><b>28E</b> | Lot | Feet<br><b>1650</b>             | From N/S<br><b>SOUTH</b> | Feet<br><b>100</b> | From E/W<br><b>EAST</b> | County<br><b>EDDY</b> |
| Latitude<br><b>32.6290643</b> |                      |                        |                     |     | Longitude<br><b>104.1561494</b> |                          |                    | NAD<br><b>83</b>        |                       |

Last Take Point (LTP)

|                               |                      |                        |                     |     |                                 |                          |                    |                         |                       |
|-------------------------------|----------------------|------------------------|---------------------|-----|---------------------------------|--------------------------|--------------------|-------------------------|-----------------------|
| UL<br><b>L</b>                | Section<br><b>28</b> | Township<br><b>19S</b> | Range<br><b>28E</b> | Lot | Feet<br><b>1650</b>             | From N/S<br><b>SOUTH</b> | Feet<br><b>100</b> | From E/W<br><b>WEST</b> | County<br><b>EDDY</b> |
| Latitude<br><b>32.6289074</b> |                      |                        |                     |     | Longitude<br><b>104.1893825</b> |                          |                    | NAD<br><b>83</b>        |                       |

Is this well the defining well for the Horizontal Spacing Unit? ☐

Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:

Property Name:

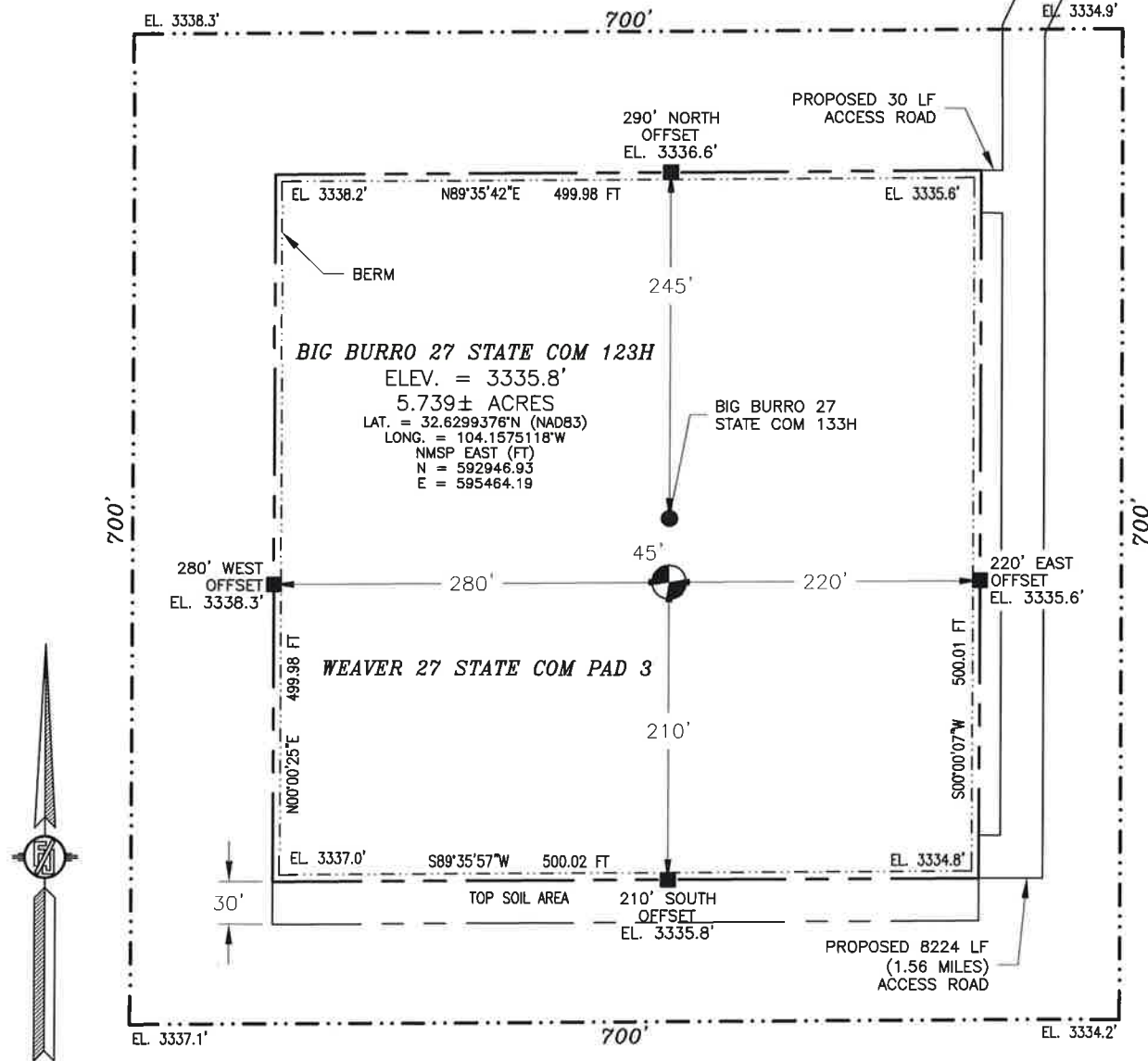
Well Number

KZ 06/29/2018

Ex.A-Ex.5-067

SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
**SITE MAP**

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE



012 60 120 240

SCALE 1" = 120'

**DIRECTIONS TO LOCATION**

FROM THE INTERSECTION OF CR. 206 & CR. 235 (CURRY COMBS) GO SOUTHEAST ON CR. 235 APPROX. 3.0 MILES TO Y INTERSECTION, STAY RIGHT CONTINUE SOUTHEAST GO APPROX. 1.8 MILES, ROAD TURNS RIGHT (SOUTH) GO SOUTH APPROX. 0.7 OF A MILE, TURN LEFT GO EAST 821', TURN RIGHT ON MILLMAN ROAD GO SOUTH-SOUTHEAST APPROX. 3315', TURN RIGHT GO SOUTH-SOUTHWEST AND FOLLOW ROAD LATHS 2874', TURN RIGHT GO WEST 2174', TURN LEFT GO SOUTH 1870', THEN SOUTHWEST 691', THEN SOUTH 585', THEN WEST 30' (TOTAL 8224', 1.56 MILES) TO THE SOUTHEAST PAD CORNER FOR THIS LOCATION.

I, FILIMON F. JARAMILLO, NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR, CERTIFY THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THE SURVEY WAS MADE TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT I HAVE COMPLIED WITH THE MINIMUM STANDARDS FOR THIS SURVEY.

FILIMON F. JARAMILLO 27991

**MADRON SURVEYING, INC.**

301 SOUTH CANAL  
(575) 234-3341

**CARLSBAD, NEW MEXICO**

COLGATE ENERGY LLC

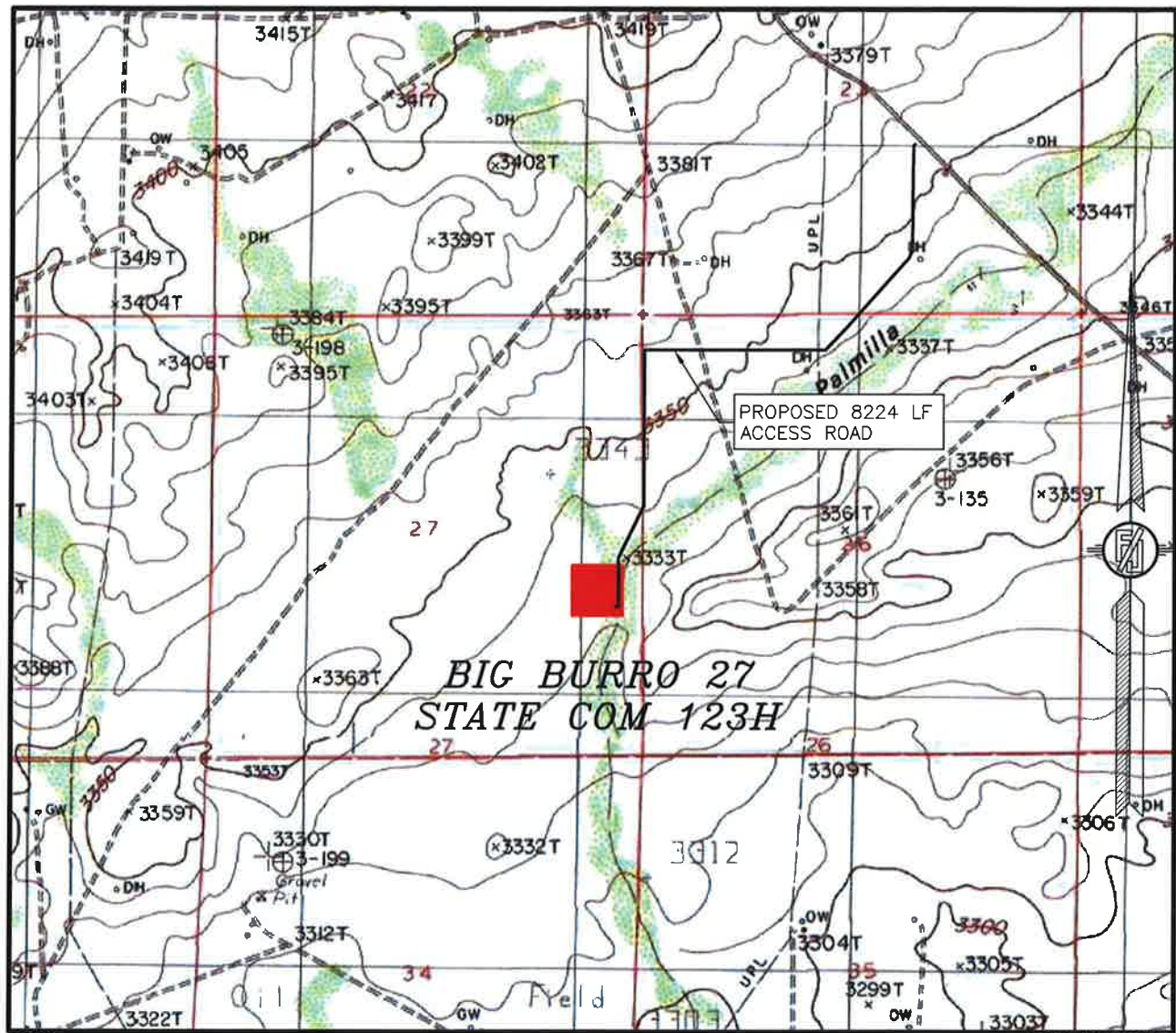
**BIG BURRO 27 STATE COM 123H**  
LOCATED 1970 FT. FROM THE SOUTH LINE  
AND 520 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

SURVEY NO. 7921



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO  
 LOCATION VERIFICATION MAP



USGS QUAD MAP:  
 ILLINOIS CAMP

NOT TO SCALE

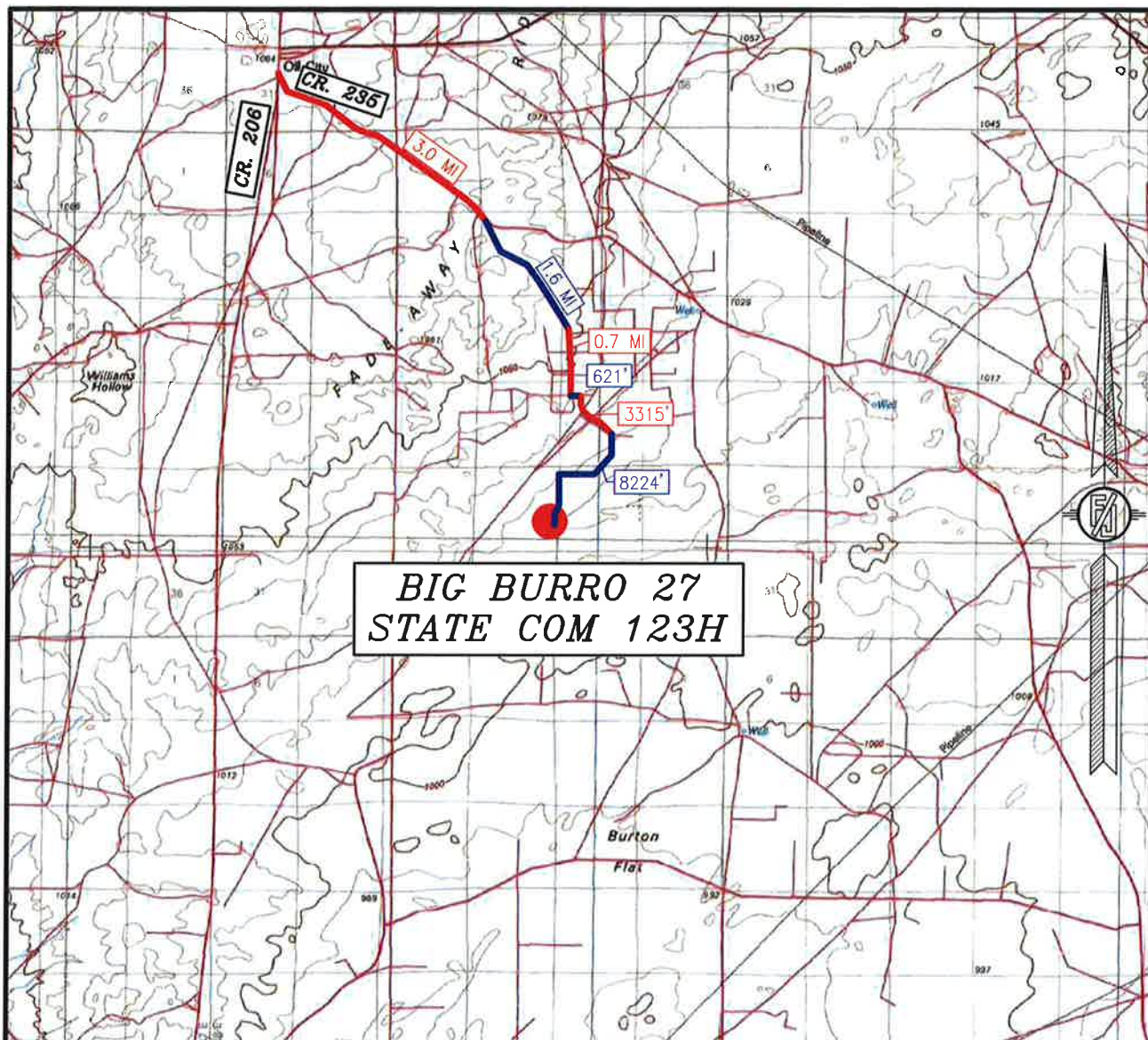
COLGATE ENERGY LLC  
**BIG BURRO 27 STATE COM 123H**  
 LOCATED 1970 FT. FROM THE SOUTH LINE  
 AND 520 FT. FROM THE EAST LINE OF  
 SECTION 27, TOWNSHIP 19 SOUTH,  
 RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SURVEY NO. 7921

SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

**DIRECTIONS TO LOCATION**

FROM THE INTERSECTION OF CR. 206 & CR. 235 (CURRY COMBS) GO SOUTHEAST ON CR. 235 APPROX. 3.0 MILES TO "Y" INTERSECTION, STAY RIGHT CONTINUE SOUTHEAST GO APPROX. 1.6 MILES, ROAD TURNS RIGHT (SOUTH) GO SOUTH APPROX. 0.7 OF A MILE, TURN LEFT GO EAST 621', TURN RIGHT ON MILLMAN ROAD GO SOUTH-SOUTHEAST APPROX. 3315', TURN RIGHT GO SOUTH-SOUTHWEST AND FOLLOW ROAD LATHS 2874', TURN RIGHT GO WEST 2174', TURN LEFT GO SOUTH 1870', THEN SOUTHWEST 691', THEN SOUTH 585', THEN WEST 30' (TOTAL 8224', 1.56 MILES) TO THE SOUTHEAST PAD CORNER FOR THIS LOCATION.

COLGATE ENERGY LLC  
**BIG BURRO 27 STATE COM 123H**  
LOCATED 1970 FT. FROM THE SOUTH LINE  
AND 520 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

SURVEY NO. 7921

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341

CARLSBAD, NEW MEXICO



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
**AERIAL PHOTO**



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
MARCH 2016

**COLGATE ENERGY LLC**  
**BIG BURRO 27 STATE COM 123H**  
LOCATED 1970 FT. FROM THE SOUTH LINE  
AND 520 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

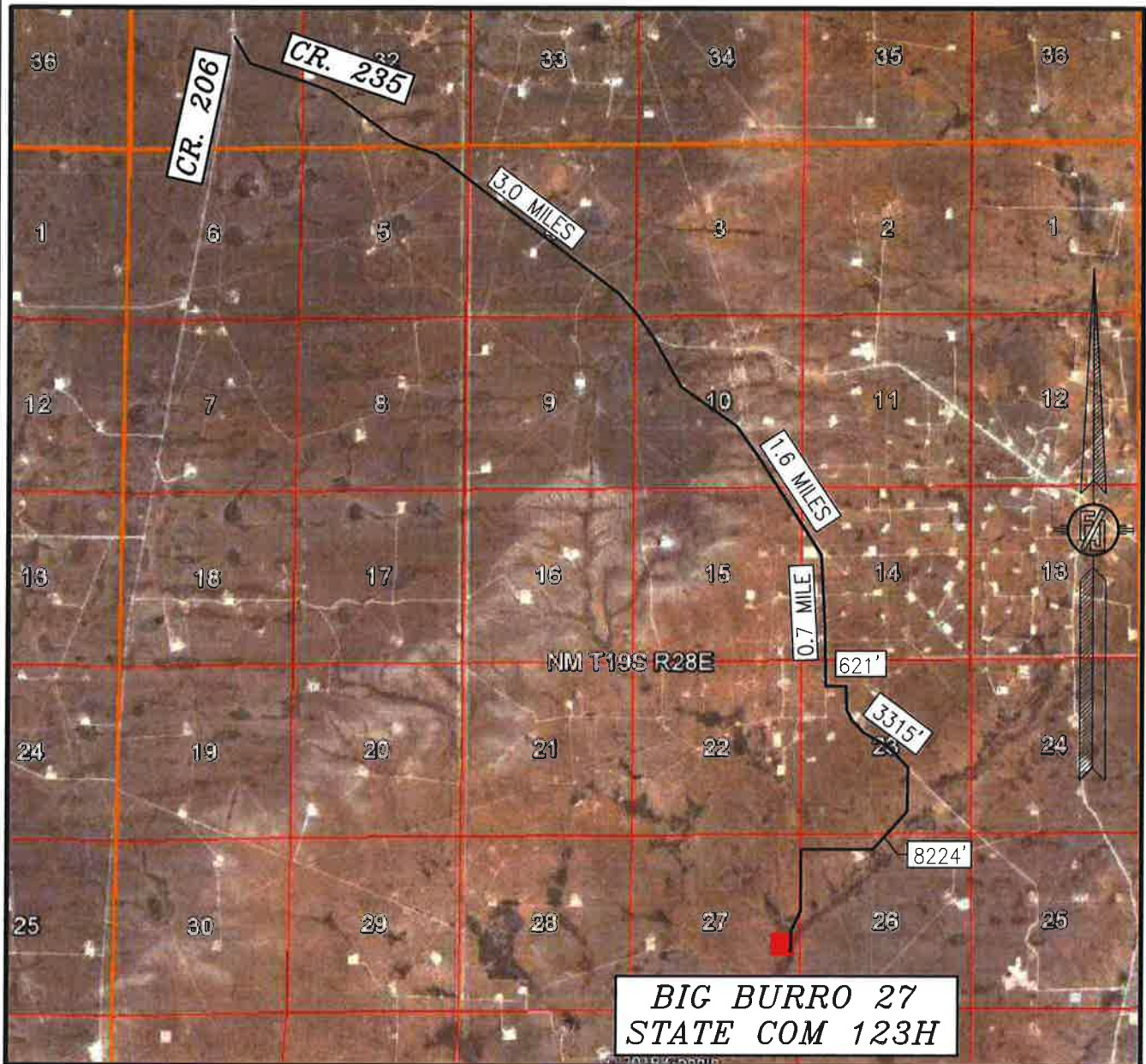
JANUARY 28, 2020

SURVEY NO. 7921

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO  
 ACCESS AERIAL ROUTE MAP



NOT TO SCALE  
 AERIAL PHOTO:  
 GOOGLE EARTH  
 MARCH 2016

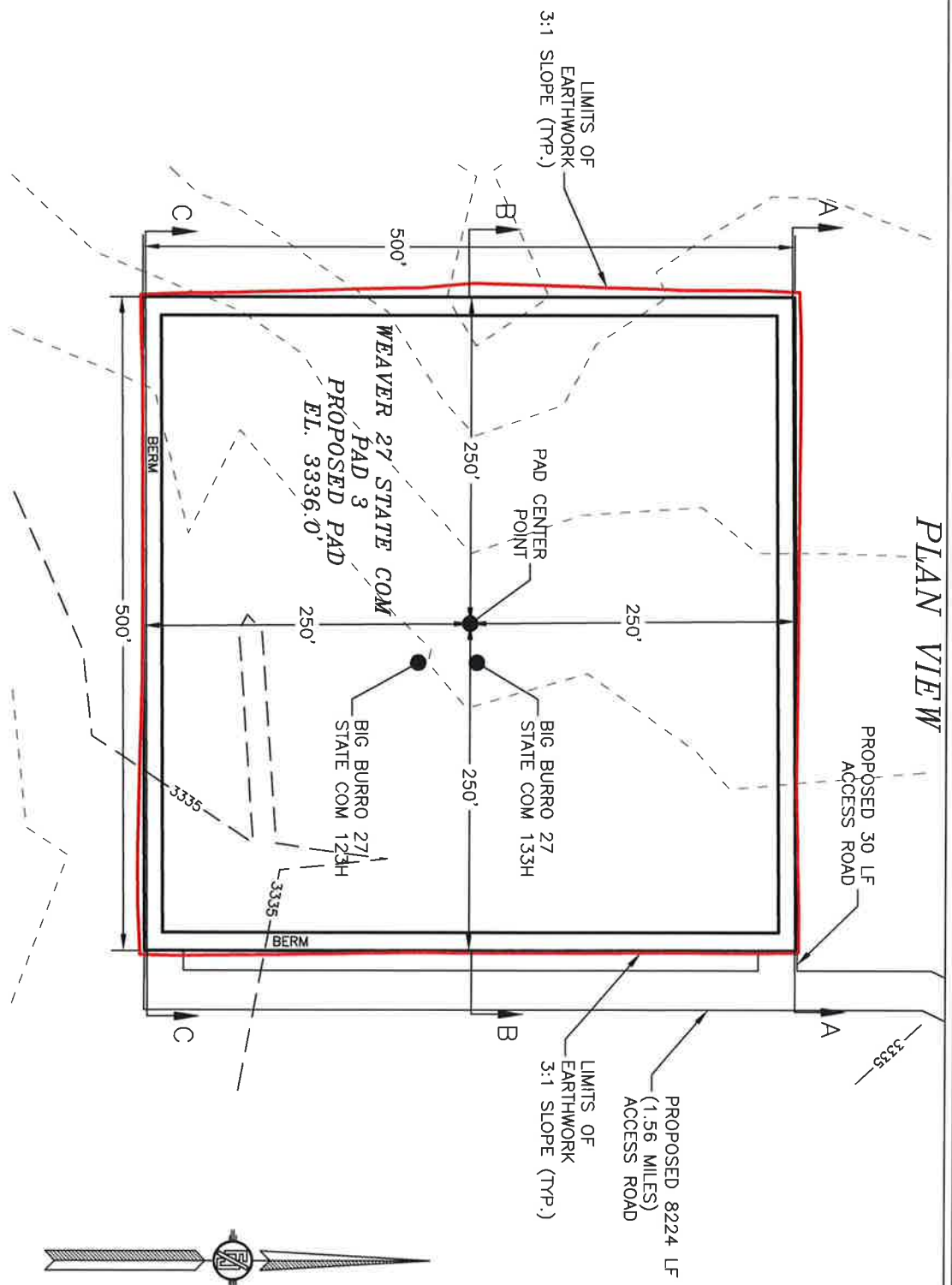
COLGATE ENERGY LLC  
**BIG BURRO 27 STATE COM 123H**  
 LOCATED 1970 FT. FROM THE SOUTH LINE  
 AND 520 FT. FROM THE EAST LINE OF  
 SECTION 27, TOWNSHIP 19 SOUTH,  
 RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

MADRON SURVEYING, INC. 301 SOUTH CANAL, CARLSBAD, NEW MEXICO  
 (575) 234-3341

SURVEY NO. 7921

# PLAN VIEW



I, FILMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.



**COLGATE ENERGY LLC**  
**GRADING PLAN AND CROSS SECTIONS**  
**FOR BIG BURRO 27 STATE COM 123H**  
 SECTION 27, TOWNSHIP 19 SOUTH,  
 RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

301 SOUTH CANAL  
 (375) 234-5341

CARLSBAD, NEW MEXICO

SHEET 1-2  
 SURVEY NO. 7921

| CUT         | FILL        | NET               |
|-------------|-------------|-------------------|
| 4753 CU. YD | 3454 CU. YD | 1300 CU. YD (CUT) |

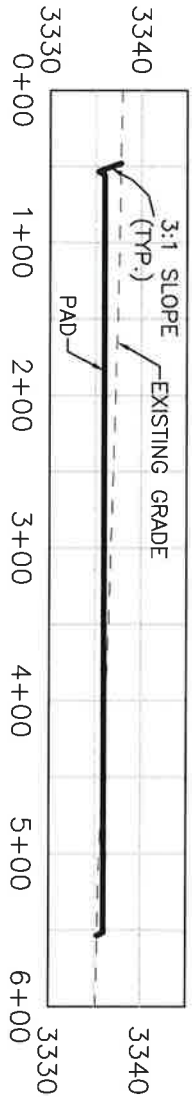
EARTHWORK QUANTITIES ARE ESTIMATED



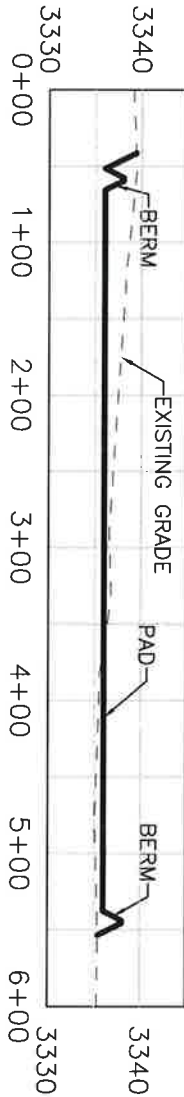
SEC. 27  
 SEC. 26

# CROSS-SECTIONS

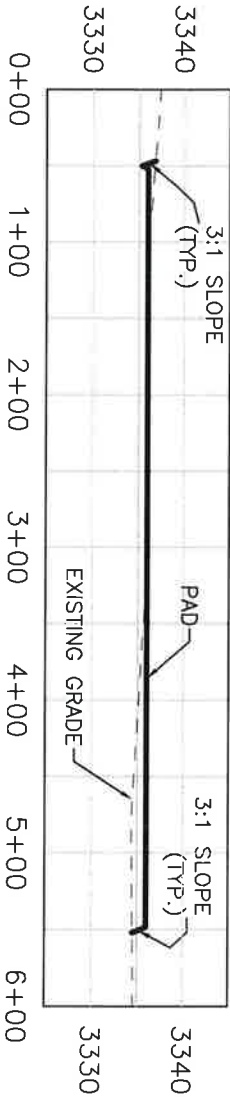
SECTION A-A



SECTION B-B



SECTION C-C



I, FILMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.



**COLGATE ENERGY LLC**  
**GRADING PLAN AND CROSS SECTIONS**  
**FOR BIG BURRO 27 STATE COM 123H**  
 SECTION 27, TOWNSHIP 19 SOUTH,  
 RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

CARLSBAD, NEW MEXICO

| CUT          | FILL         | NET                |
|--------------|--------------|--------------------|
| 4753 CU. YD. | 3454 CU. YD. | 1300 CU. YD. (CUT) |

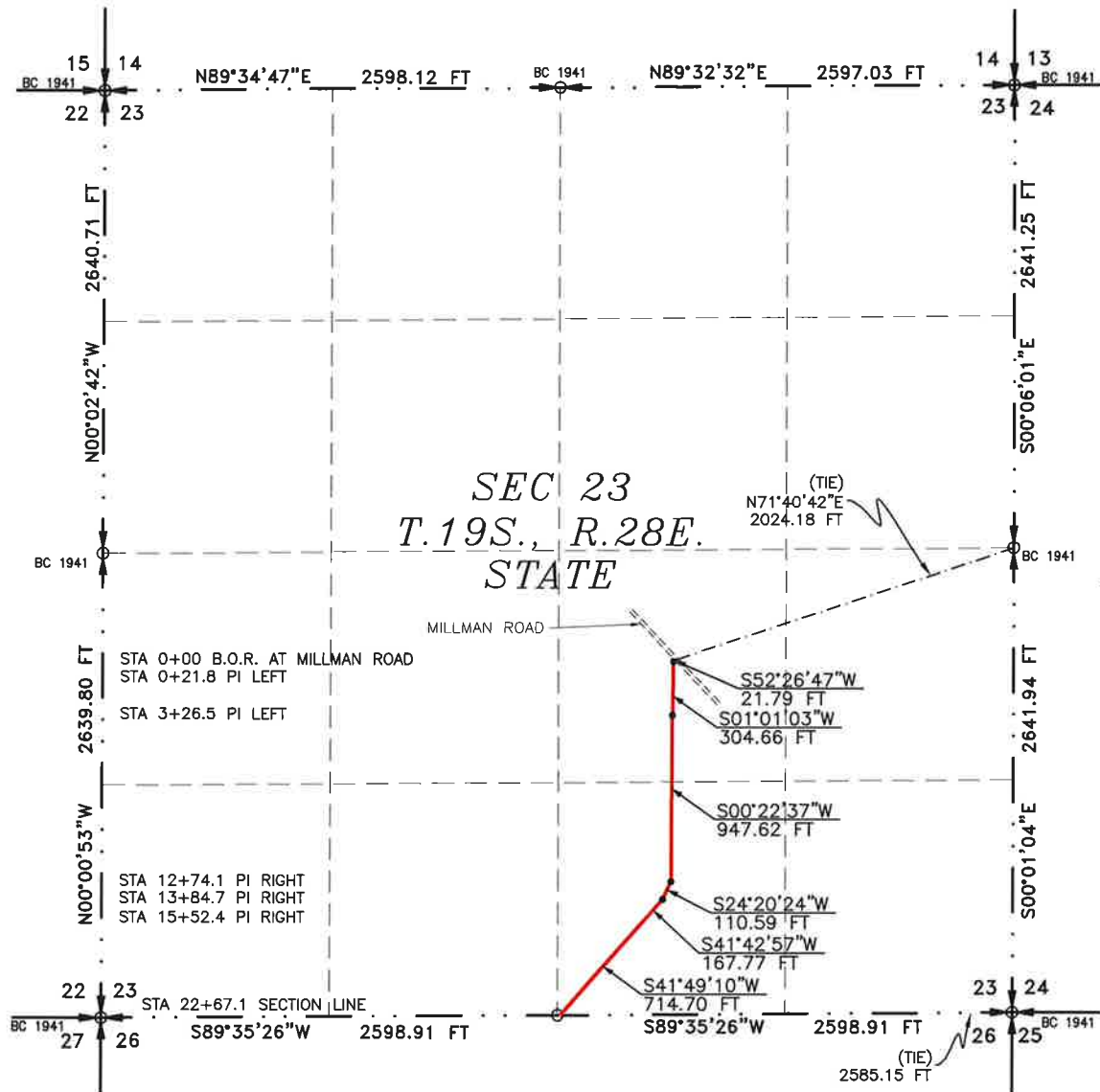
EARTHWORK QUANTITIES ARE ESTIMATED



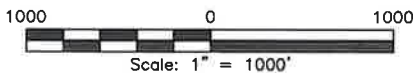


**ACCESS ROAD PLAT**  
ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 3 (BIG BURRO 27 STATE COM 123H & 133H)

**COLGATE ENERGY LLC**  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 28, 2020



SEE NEXT SHEET (2-6) FOR DESCRIPTION



**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 1-6**

**MADRON SURVEYING, INC.**

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,  
NEW MEXICO, THIS 30 DAY OF JANUARY 2020

*FILIMON F. JARAMILLO*  
FILIMON F. JARAMILLO, PLS. 12797  
301 SOUTH CANAL  
(575) 234-3341

MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

**SURVEY NO. 7921**

**CARLSBAD, NEW MEXICO**

## ACCESS ROAD PLAT

ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 3 (BIG BURRO 27 STATE COM 123H & 133H)

COLGATE ENERGY LLC  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 28, 2020

### DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE NW/4 SE/4 OF SAID SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE EAST QUARTER CORNER OF SAID SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N71°40'42"E, A DISTANCE OF 2024.18 FEET;  
THENCE S52°26'47"W A DISTANCE OF 21.79 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S01°01'03"W A DISTANCE OF 304.66 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S00°22'37"W A DISTANCE OF 947.62 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S24°20'24"W A DISTANCE OF 110.59 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S41°42'57"W A DISTANCE OF 167.77 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S41°49'10"W A DISTANCE OF 714.70 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTHEAST CORNER OF SAID SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N89°35'26"E, A DISTANCE OF 2585.15 FEET;

SAID STRIP OF LAND BEING 2267.13 FEET OR 137.40 RODS IN LENGTH, CONTAINING 1.561 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

|           |              |            |             |
|-----------|--------------|------------|-------------|
| NW/4 SE/4 | 707.55 L.F.  | 42.88 RODS | 0.487 ACRES |
| SW/4 SE/4 | 1559.58 L.F. | 94.52 RODS | 1.074 ACRES |

### SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,  
NEW MEXICO, THIS 30 DAY OF JANUARY 2020

  
FILIMON F. JARAMILLO, PLS. 12797

MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

### GENERAL NOTES

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

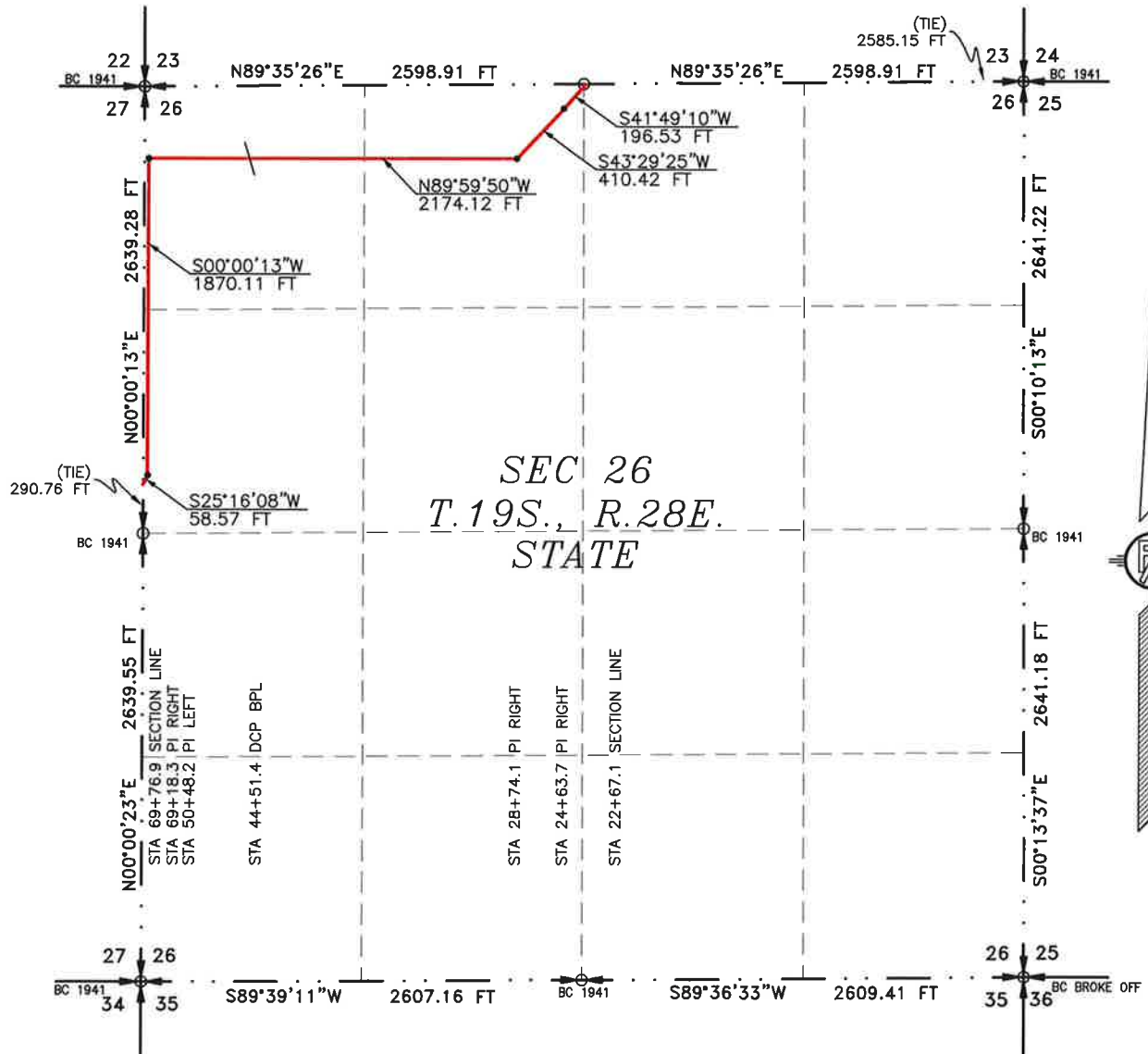
SHEET: 2-6

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO  
(575) 234-3341

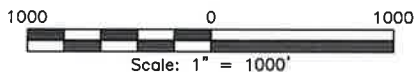
SURVEY NO. 7921

**ACCESS ROAD PLAT**  
ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 3 (BIG BURRO 27 STATE COM 123H & 133H)

**COLGATE ENERGY LLC**  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 28, 2020



SEE NEXT SHEET (4-6) FOR DESCRIPTION



**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 3-6**

**MADRON SURVEYING, INC.**

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,  
NEW MEXICO, THIS 30 DAY OF JANUARY 2020

FILIMON F. JARAMILLO PLS. 12797  
301 SOUTH CANAL  
(575) 234-3341

MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

**SURVEY NO. 7921**

**CARLSBAD, NEW MEXICO**

**ACCESS ROAD PLAT**  
*ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 3 (BIG BURRO 27 STATE COM 123H & 133H)*

**COLGATE ENERGY LLC**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.**  
**EDDY COUNTY, STATE OF NEW MEXICO**  
**JANUARY 28, 2020**

**DESCRIPTION**

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE NW/4 NE/4 OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE NORTHEAST CORNER OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N89°35'26"E, A DISTANCE OF 2585.15 FEET;

THENCE S41°49'10"W A DISTANCE OF 196.53 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S43°29'25"W A DISTANCE OF 410.42 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE N89°59'50"W A DISTANCE OF 2174.12 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S00°00'13"W A DISTANCE OF 1870.11 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S25°16'08"W A DISTANCE OF 58.57 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE WEST QUARTER CORNER OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S00°00'13"W, A DISTANCE OF 290.76 FEET;

SAID STRIP OF LAND BEING 4709.75 FEET OR 285.44 RODS IN LENGTH, CONTAINING 3.244 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

|           |              |             |             |
|-----------|--------------|-------------|-------------|
| NW/4 NE/4 | 20.60 L.F.   | 1.25 RODS   | 0.014 ACRES |
| NE/4 NW/4 | 1485.72 L.F. | 90.04 RODS  | 1.023 ACRES |
| NW/4 NW/4 | 2168.77 L.F. | 131.44 RODS | 1.494 ACRES |
| SW/4 NW/4 | 1034.66 L.F. | 62.71 RODS  | 0.713 ACRES |

**GENERAL NOTES**

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 4-6**

**MADRON SURVEYING, INC.** 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3341

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 30 DAY OF JANUARY 2020

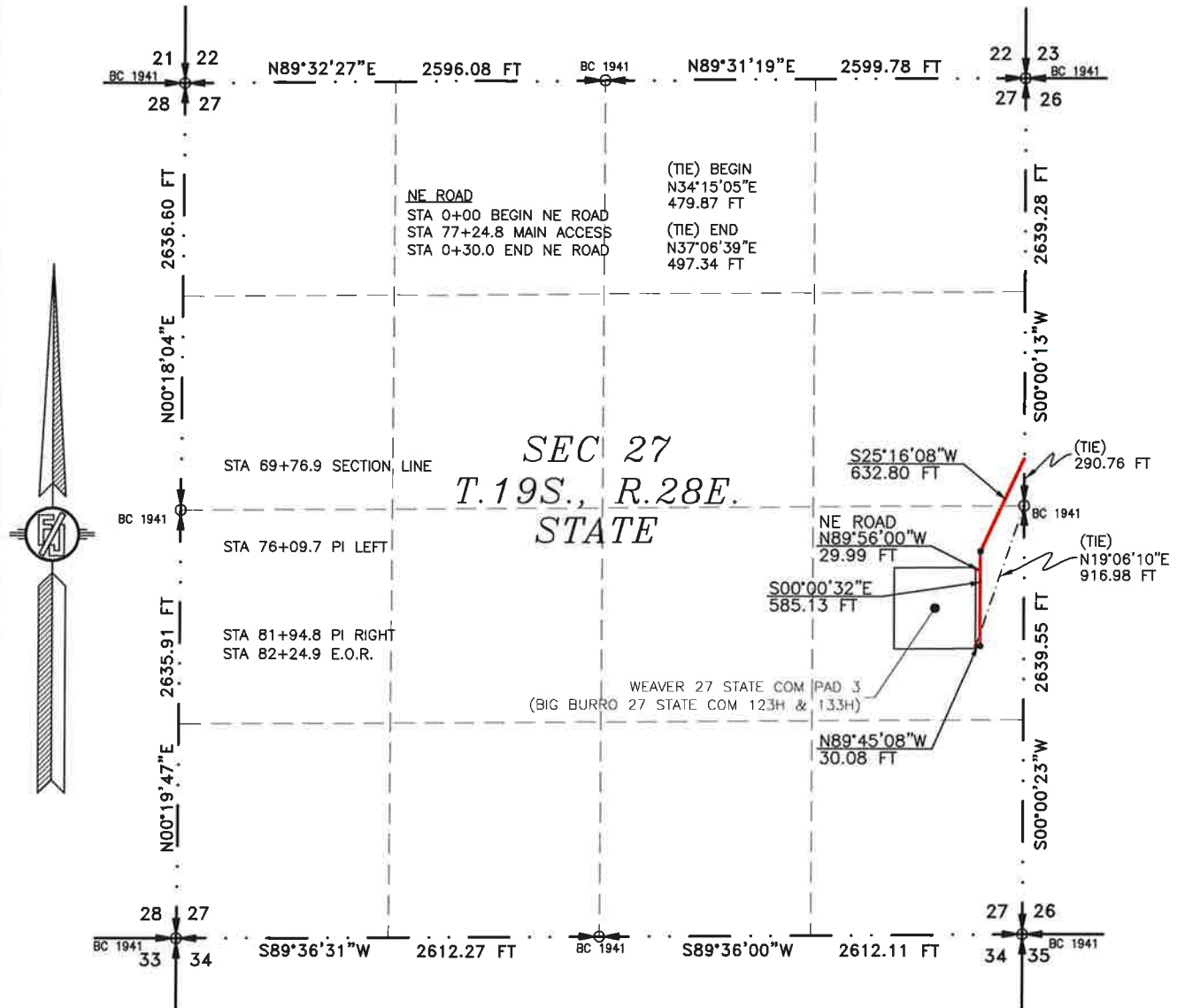
  
FILIMON F. JARAMILLO, PLS. #2797

MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

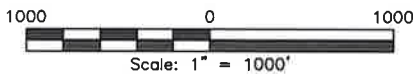
**SURVEY NO. 7921**

**ACCESS ROAD PLAT**  
ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 3 (BIG BURRO 27 STATE COM 123H & 133H)

**COLGATE ENERGY LLC**  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 28, 2020



SEE NEXT SHEET (6-6) FOR DESCRIPTION



**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 5-6**

**MADRON SURVEYING, INC.** 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3341

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 30 DAY OF JANUARY 2020

FILIMON F. JARAMILLO, PLS. 12797  
NEW MEXICO  
JAN 28 2020

MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

**SURVEY NO. 7921**



## ACCESS ROAD PLAT

ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 3 (BIG BURRO 27 STATE COM 123H & 133H)

COLGATE ENERGY LLC  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 28, 2020

### DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

#### MAIN ACCESS ROAD

BEGINNING AT A POINT WITHIN THE SE/4 NE/4 OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE EAST QUARTER CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S00°00'13"W, A DISTANCE OF 290.76 FEET;

THENCE S25°16'08"W A DISTANCE OF 632.80 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S00°00'32"E A DISTANCE OF 585.13 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE N89°45'08"W A DISTANCE OF 30.08 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE EAST QUARTER CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N19°06'10"E, A DISTANCE OF 916.98 FEET;

SAID STRIP OF LAND BEING 1248.01 FEET OR 75.64 RODS IN LENGTH, CONTAINING 0.859 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SE/4 NE/4 322.68 L.F. 19.56 RODS 0.222 ACRES

NE/4 SE/4 925.33 L.F. 56.08 RODS 0.637 ACRES

#### NORTHEAST ACCESS ROAD

BEGINNING AT A POINT WITHIN THE NE/4 SE/4 OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE EAST QUARTER CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N34°15'05"E, A DISTANCE OF 479.87 FEET;

THENCE N89°56'00"W A DISTANCE OF 29.99 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE EAST QUARTER CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N37°06'39"E, A DISTANCE OF 497.34 FEET;

SAID STRIP OF LAND BEING 29.99 FEET OR 1.82 RODS IN LENGTH, CONTAINING 0.021 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NE/4 SE/4 29.99 L.F. 1.82 RODS 0.021 ACRES

#### GENERAL NOTES

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 6-6

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3341

#### SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 30 DAY OF JANUARY 2020



MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

SURVEY NO. 7921



Intent ☐ As Drilled ☐

API #

Operator Name:  
COLGATE ENERGY LLC

Property Name:  
BIG BURRO 27 STATE COM

Well Number  
124H

Kick Off Point (KOP)

| UL       | Section | Township | Range | Lot | Feet      | From N/S | Feet | From E/W | County |
|----------|---------|----------|-------|-----|-----------|----------|------|----------|--------|
| Latitude |         |          |       |     | Longitude |          |      |          | NAD    |

First Take Point (FTP)

| UL                     | Section | Township | Range | Lot | Feet                     | From N/S | Feet | From E/W | County    |
|------------------------|---------|----------|-------|-----|--------------------------|----------|------|----------|-----------|
| P                      | 27      | 19S      | 28E   |     | 330                      | SOUTH    | 100  | EAST     | EDDY      |
| Latitude<br>32.6254369 |         |          |       |     | Longitude<br>104.1561571 |          |      |          | NAD<br>83 |

Last Take Point (LTP)

| UL                     | Section | Township | Range | Lot | Feet                     | From N/S | Feet | From E/W | County    |
|------------------------|---------|----------|-------|-----|--------------------------|----------|------|----------|-----------|
| M                      | 28      | 19S      | 28E   |     | 330                      | SOUTH    | 100  | WEST     | EDDY      |
| Latitude<br>32.6252801 |         |          |       |     | Longitude<br>104.1894189 |          |      |          | NAD<br>83 |

Is this well the defining well for the Horizontal Spacing Unit? ☐

Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:

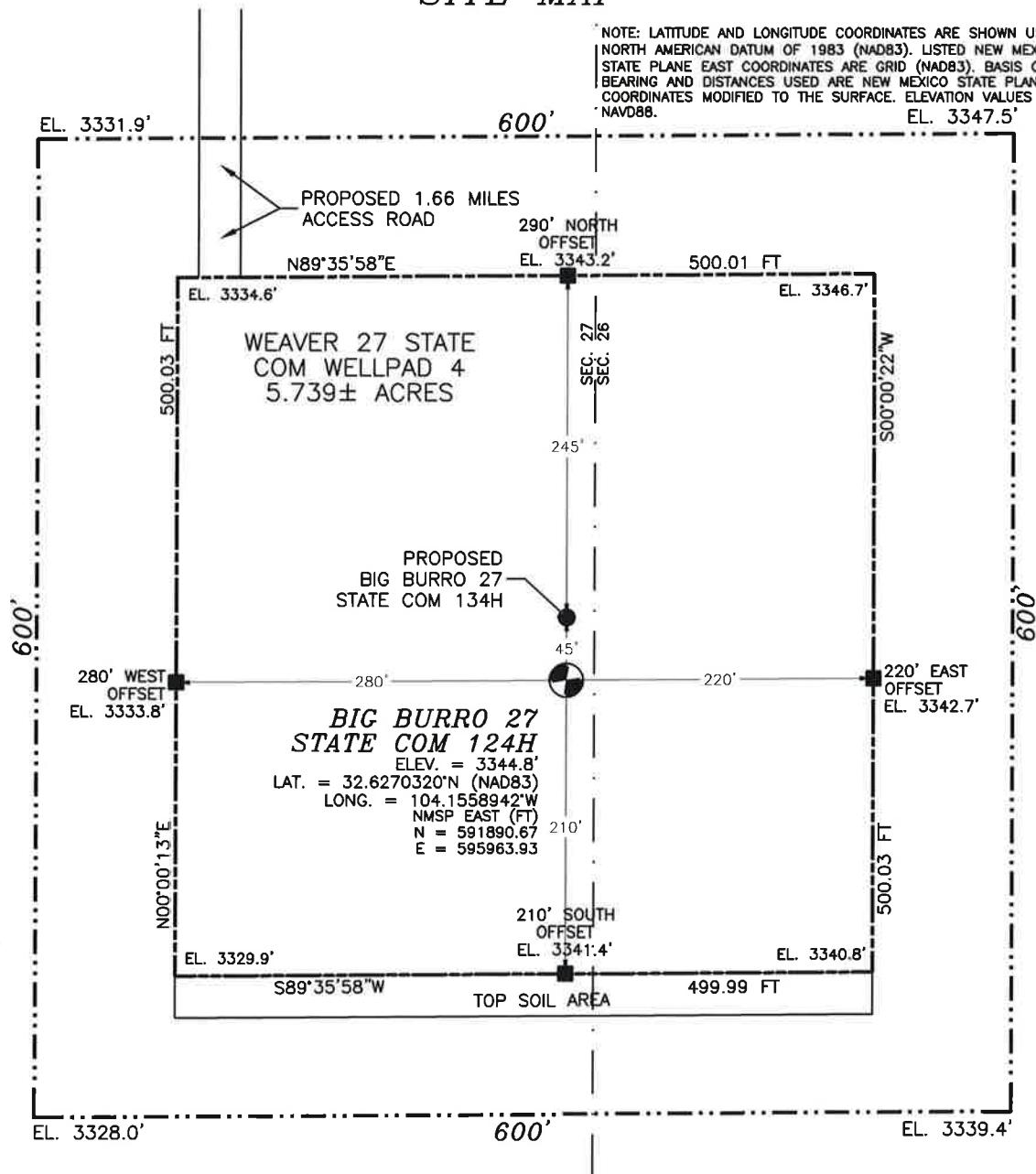
Property Name:

Well Number

KZ 06/29/2018

**SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
SITE MAP**

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE. ELEVATION VALUES ARE NAVD88.



012 60 120 240

SCALE 1" = 120'

**DIRECTIONS TO LOCATION**

FROM CR. 235 (CURRY COMB) AND CR. 246 (MILLMAN), GO SOUTHEAST ON CR. 246 3.4 MILES, TURN RIGHT ON CALICHE ROAD AND GO SOUTH 0.25 MILES, BEND LEFT AND GO SOUTHWEST 0.3 MILES TO A ROAD SURVEY AND PLACE WEST 2174', THEN SOUTH 1870', THEN SOUTHWEST 1817' THEN SOUTH 1180' TO THE NORTHWEST PAD CORNER FOR THIS LOCATION.

I, FILMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR, CERTIFY THAT I HAVE PERSONALLY CONDUCTED THIS SURVEY, THAT I AM A MEMBER IN GOOD STANDING OF MY KNOWLEDGE AND STANDARDS FOR THIS SURVEY.

FILMON F. JARAMILLO, REGISTERED PROFESSIONAL SURVEYOR

**MADRON SURVEYING, INC.**

301 SOUTH CANAL  
(575) 234-3341

**CARLSBAD, NEW MEXICO**

**COLGATE ENERGY LLC**

**BIG BURRO 27 STATE COM 124H**  
LOCATED 910 FT. FROM THE SOUTH LINE  
AND 20 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

**JANUARY 29, 2020**

**SURVEY NO. 7923**



## INTERIM SITE RECLAMATION

PROPOSED 1.66 MILES  
ACCESS ROAD

125'

215'

25'

25'

120'

BIG BURRO 27  
STATE COM 134H

160'

260'

120'

120'

500'

100'

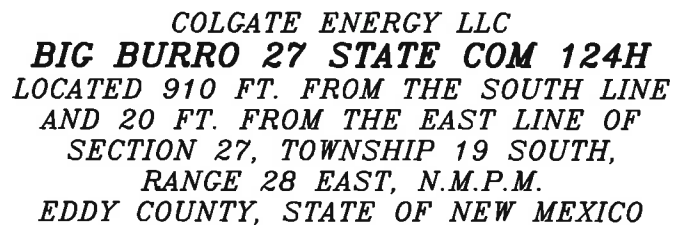
BIG BURRO 27  
STATE COM 124H

120'

400'

90'

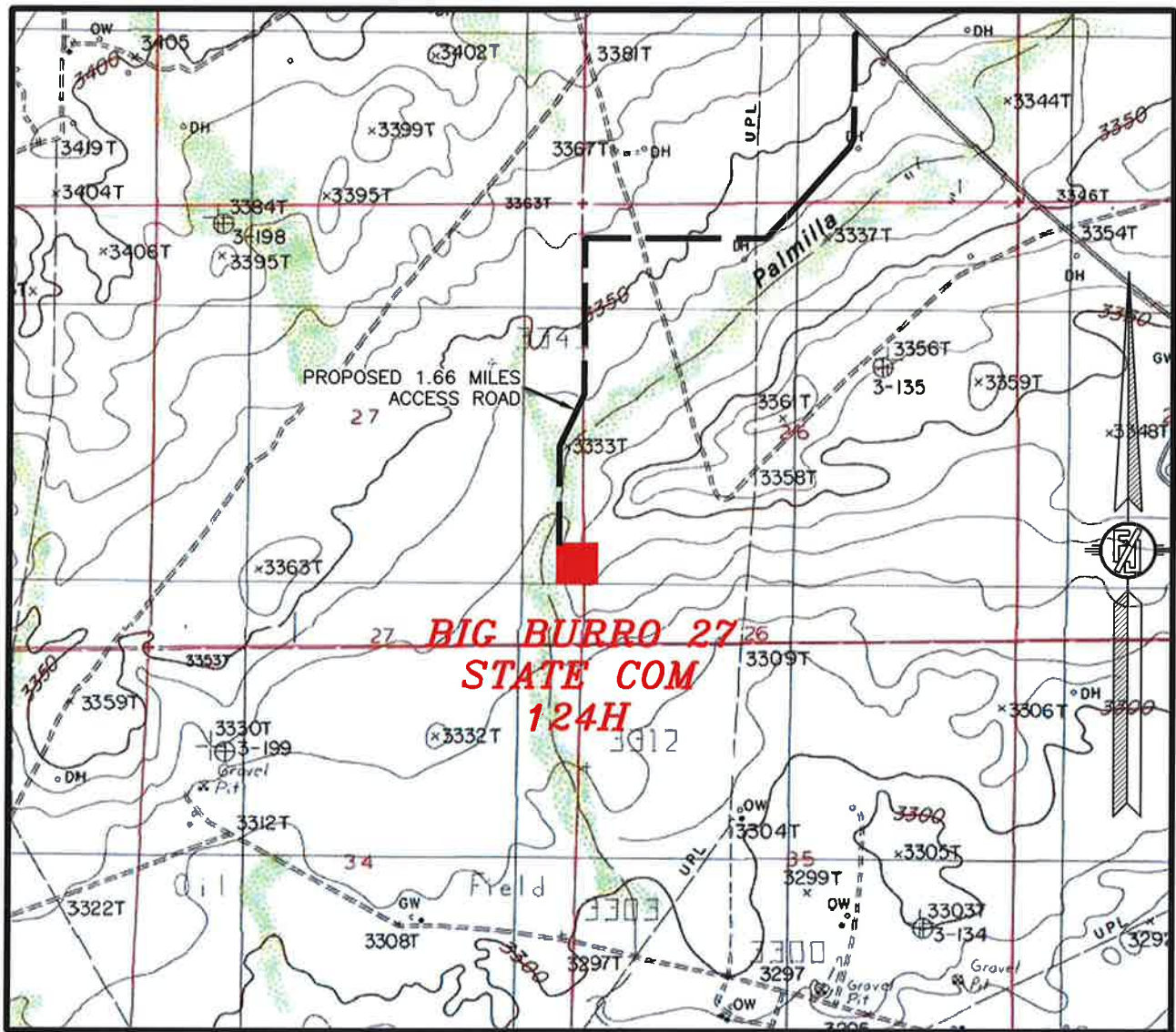
TOP SOIL AREA



*SURVEY NO. 7923*

**MADRON SURVEYING, INC.** 301 SOUTH CANAL CARLSBAD, NEW MEXICO  
(575) 234-3341

SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
LOCATION VERIFICATION MAP



USGS QUAD MAP:  
ILLINOIS CAMP  
ANGEL DRAW

NOT TO SCALE

COLGATE ENERGY LLC  
**BIG BURRO 27 STATE COM 124H**  
LOCATED 910 FT. FROM THE SOUTH LINE  
AND 20 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

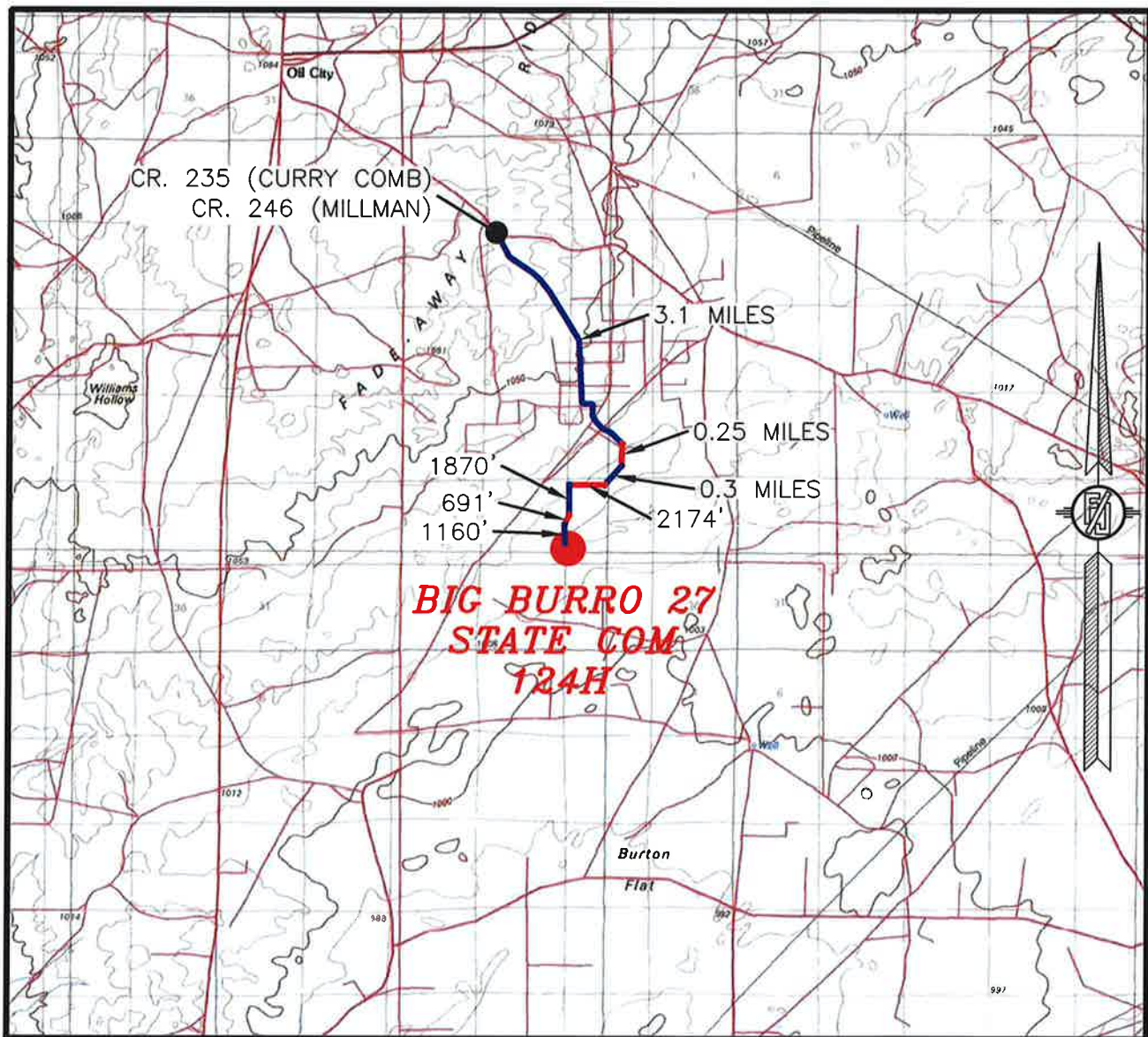
JANUARY 29, 2020

SURVEY NO. 7923

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO  
(575) 234-3341



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

**DIRECTIONS TO LOCATION**

FROM CR. 235 (CURRY COMB) AND CR. 246 (MILLMAN), GO SOUTHEAST ON CR. 246 3.1 MILES, TURN RIGHT ON CALICHE ROAD AND GO SOUTH 0.25 MILES, BEND LEFT AND GO SOUTHWEST 0.3 MILES TO A ROAD SURVEY, AND FOLLOW FLAGS WEST 2174', THEN SOUTH 1870', THEN SOUTHWEST 691' THEN SOUTH 1160' TO THE NORTHWEST PAD CORNER FOR THIS LOCATION.

COLGATE ENERGY LLC  
**BIG BURRO 27 STATE COM 124H**  
LOCATED 910 FT. FROM THE SOUTH LINE  
AND 20 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO SURVEY NO. 7923

SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
**AERIAL PHOTO**



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
MAR. 2016

**COLGATE ENERGY LLC**  
**BIG BURRO 27 STATE COM 124H**  
LOCATED 910 FT. FROM THE SOUTH LINE  
AND 20 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

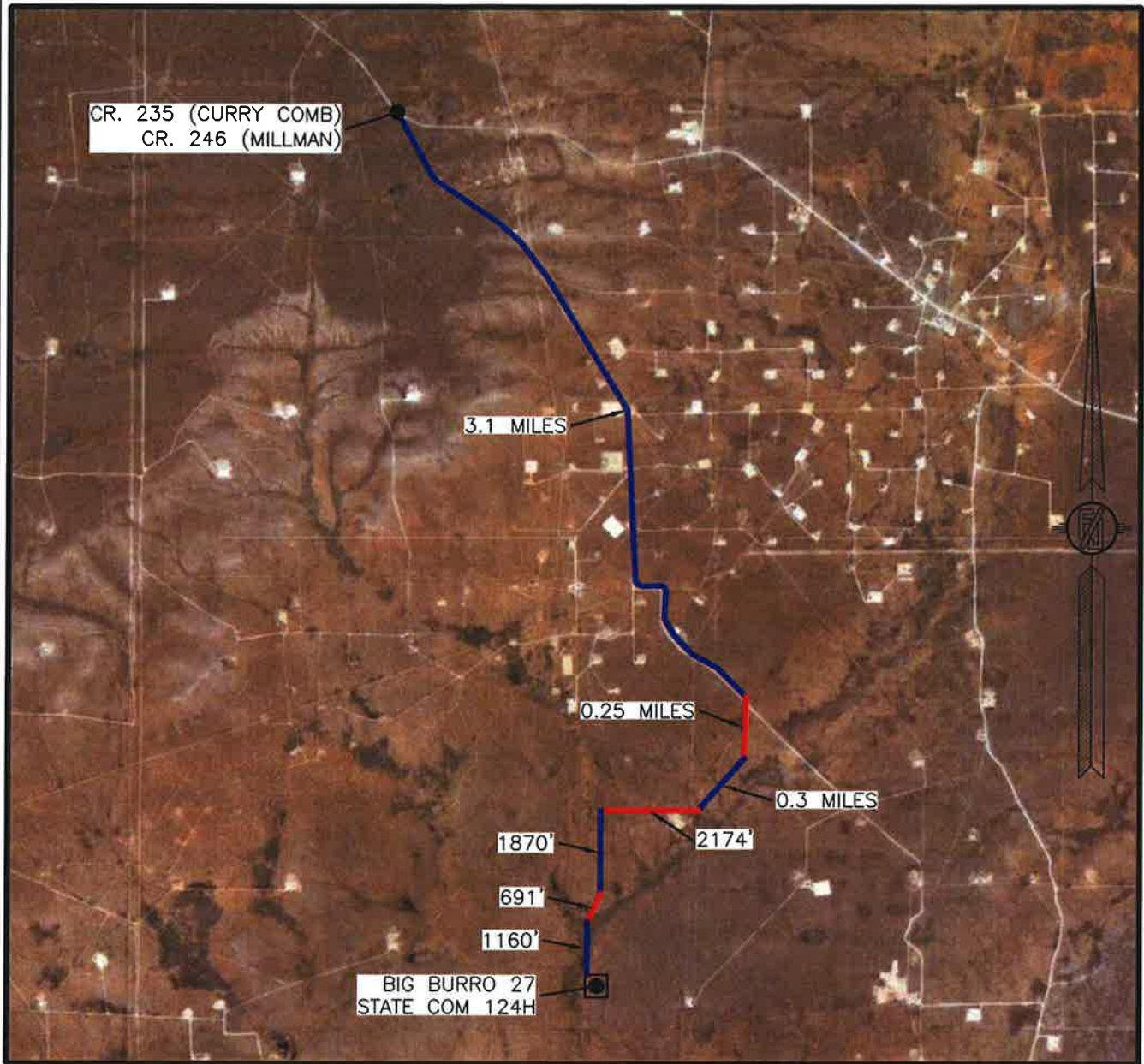
JANUARY 29, 2020

SURVEY NO. 7923

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
AERIAL ACCESS ROUTE MAP



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
MAR. 2016

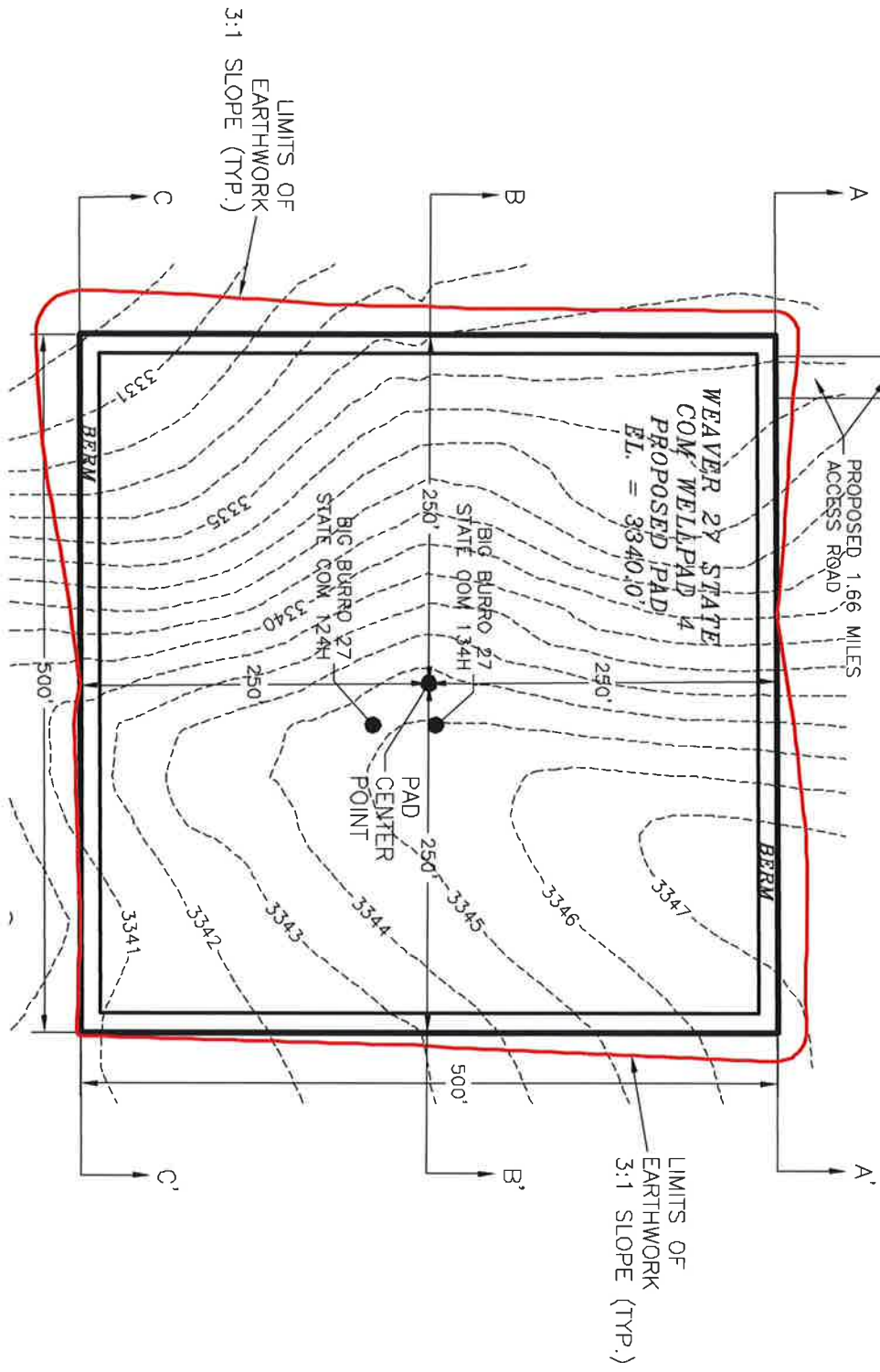
COLGATE ENERGY LLC  
**BIG BURRO 27 STATE COM 124H**  
LOCATED 910 FT. FROM THE SOUTH LINE  
AND 20 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

SURVEY NO. 7923

MADRON SURVEYING, INC. 301. SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

# PLAN VIEW



I, FILMON F. JARAMILA, NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFICATE NO. 12291, AM RESPONSIBLE FOR THIS SURVEY. THE SURVEY WAS CONDUCTED IN ACCORDANCE WITH THE BEST OF MY KNOWLEDGE AND SKILL, AND I CERTIFY THAT THE SURVEY MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

COLGATE ENERGY LLC  
PAD GRADING AND CROSS SECTIONS  
FOR BIG BURRO 27 STATE COM 124H  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

301 SOUTH GANL CARLSBAD, NEW MEXICO

SURVEY NO. 7923

| CUT         | FILL         | NET               |
|-------------|--------------|-------------------|
| 2153 CU. YD | 17824 CU. YD | 3329 CU. YD (CUT) |

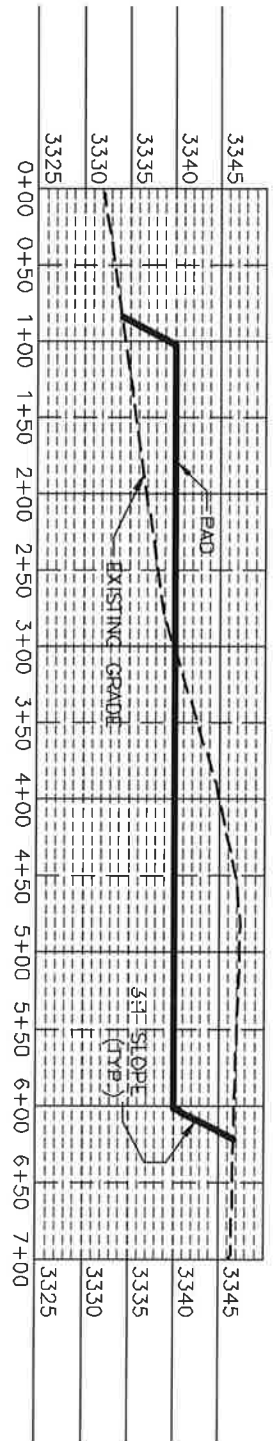
EARTHWORK QUANTITIES ARE ESTIMATED



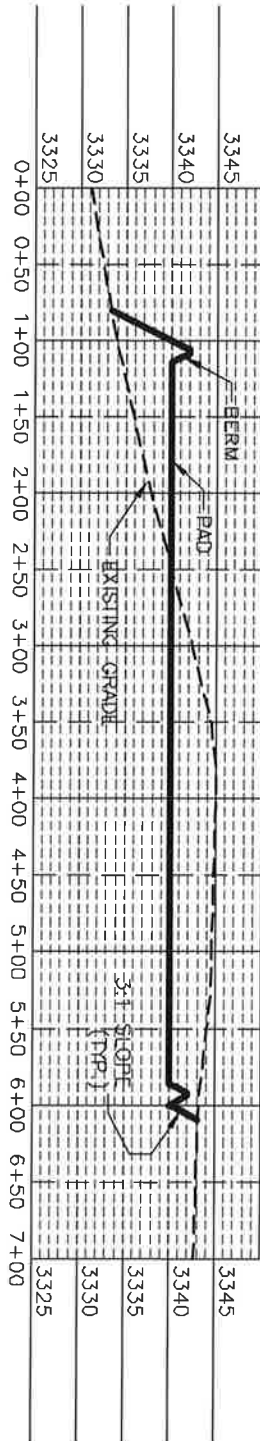


# CROSS-SECTIONS

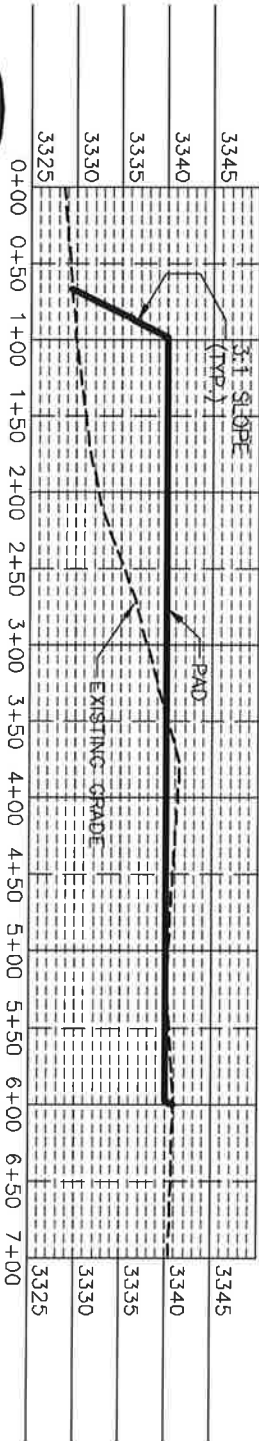
SECTION A-A'



SECTION B-B'



SECTION C-C'



I, FILMON F. JARAMA, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFICATE NO. 12297, AM RESPONSIBLE FOR THIS SURVEY. THE SURVEY WAS CONDUCTED IN ACCORDANCE WITH THE BEST OF MY KNOWLEDGE AND SKILLS AND THE SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

COLCATE ENERGY LLC  
PAD GRADING AND CROSS SECTIONS  
FOR BIG BURRO 27 STATE COM 124H  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

| CUT         | FILL         | NET               |
|-------------|--------------|-------------------|
| 2153 CU. YD | 17824 CU. YD | 3329 CU. YD (CUT) |

EARTHWORK QUANTITIES ARE ESTIMATED

012 60 120 240  
SCALE 1" = 120' - 1" = 20' VER

FILMON F. JARAMA

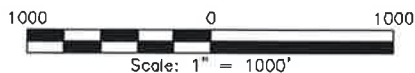
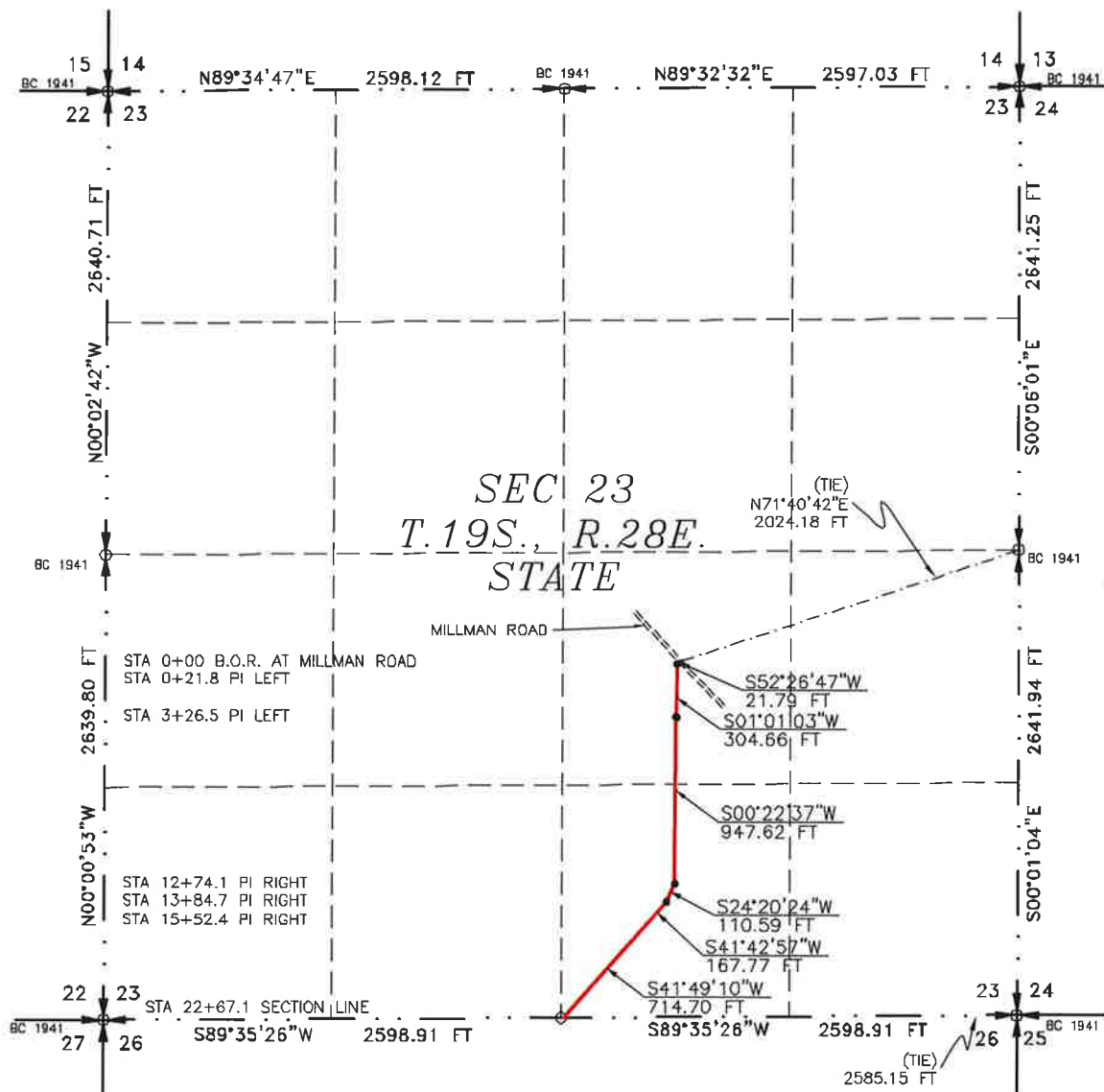
JANUARY 29, 2020  
301 SOUTH CANAL  
(575) 234-3341

CARLSBAD, NEW MEXICO

SHEET 2-2  
SURVEY NO. 7923

**ACCESS ROAD PLAT**  
ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 4 (BIG BURRO 27 STATE COM 124H & 134H)

**COLGATE ENERGY LLC**  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 29, 2020



**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 1-6

**MADRON SURVEYING, INC.** 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3341

**SURVEYOR CERTIFICATE**

I, FILMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 29TH DAY OF JANUARY 2020.



MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

**SURVEY NO. 7923**

## ACCESS ROAD PLAT

ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 4 (BIG BURRO 27 STATE COM 124H & 134H)

### COLGATE ENERGY LLC

CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 29, 2020

#### DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE NW/4 SE/4 OF SAID SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE EAST QUARTER CORNER OF SAID SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N71°40'42"E, A DISTANCE OF 2024.18 FEET;  
THENCE S52°26'47"W A DISTANCE OF 21.79 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S01°01'03"W A DISTANCE OF 304.66 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S00°22'37"W A DISTANCE OF 947.62 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S24°20'24"W A DISTANCE OF 110.59 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S41°42'57"W A DISTANCE OF 167.77 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S41°49'10"W A DISTANCE OF 714.70 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTHEAST CORNER OF SAID SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N89°35'26"E, A DISTANCE OF 2585.15 FEET;

SAID STRIP OF LAND BEING 2267.13 FEET OR 137.40 RODS IN LENGTH, CONTAINING 1.561 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

|           |              |            |             |
|-----------|--------------|------------|-------------|
| NW/4 SE/4 | 707.55 L.F.  | 42.88 RODS | 0.487 ACRES |
| SW/4 SE/4 | 1559.58 L.F. | 94.52 RODS | 1.074 ACRES |

#### SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, ON JANUARY 29, 2020.

FILIMON F. JARAMILLO  
12797  
MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

#### GENERAL NOTES

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 2-6

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

SURVEY NO. 7923

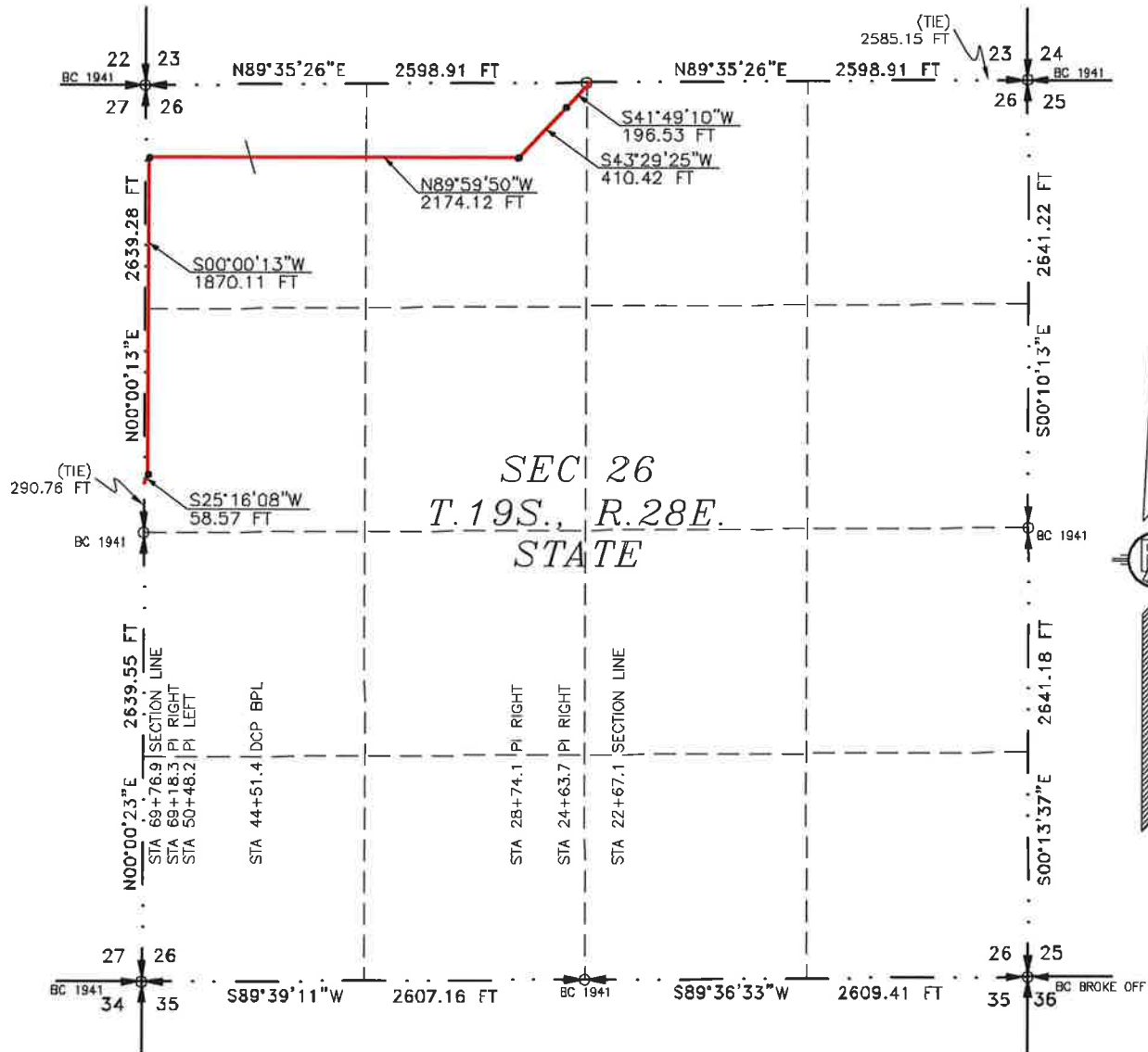


# ACCESS ROAD PLAT

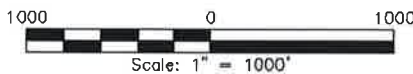
ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 4 (BIG BURRO 27 STATE COM 124H & 134H)

## COLGATE ENERGY LLC

CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 29, 2020



SEE NEXT SHEET (4-6) FOR DESCRIPTION



### GENERAL NOTES

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 3-6

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO 88220 (575) 234-3341

### SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, ON THE 29TH DAY OF JANUARY 2020.

MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

SURVEY NO. 7923

301 SOUTH CANAL CARLSBAD, NEW MEXICO 88220 (575) 234-3341

## ACCESS ROAD PLAT

ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 4 (BIG BURRO 27 STATE COM 124H & 134H)

### COLGATE ENERGY LLC

CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 29, 2020

#### DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE NW/4 NE/4 OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE NORTHEAST CORNER OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N89°35'26"E, A DISTANCE OF 2585.15 FEET;

THENCE S41°49'10"W A DISTANCE OF 196.53 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S43°29'25"W A DISTANCE OF 410.42 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE N89°59'50"W A DISTANCE OF 2174.12 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S00°00'13"W A DISTANCE OF 1870.11 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S25°16'08"W A DISTANCE OF 58.57 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE WEST QUARTER CORNER OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S00°00'13"W, A DISTANCE OF 290.76 FEET;

SAID STRIP OF LAND BEING 4709.75 FEET OR 285.44 RODS IN LENGTH, CONTAINING 3.244 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

|           |              |             |             |
|-----------|--------------|-------------|-------------|
| NW/4 NE/4 | 20.60 L.F.   | 1.25 RODS   | 0.014 ACRES |
| NE/4 NW/4 | 1485.72 L.F. | 90.04 RODS  | 1.023 ACRES |
| NW/4 NW/4 | 2168.77 L.F. | 131.44 RODS | 1.494 ACRES |
| SW/4 NW/4 | 1034.66 L.F. | 62.71 RODS  | 0.713 ACRES |

#### SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, ON JANUARY 29, 2020.

FILIMON F. JARAMILLO  
12797  
MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

#### GENERAL NOTES

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 4-6

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3341

SURVEY NO. 7923

ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 4 (BIG BURRO 27 STATE COM 124H & 134H)

1000 0 1000

Scale: 1" = 1000'

I, FILMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,  
NEW MEXICO, THIS 1 DAY OF JANUARY 2020

MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

MADRON SURVEYING, INC. 301 SOUTH H ST. ALBUQUERQUE, NEW MEXICO 87102  
(505) 231-3344

EX-A-EX-6 095



## ACCESS ROAD PLAT

ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 4 (BIG BURRO 27 STATE COM 124H & 134H)

### COLGATE ENERGY LLC

CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 29, 2020

### DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE SE/4 NE/4 OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE EAST QUARTER CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S00°00'13"W, A DISTANCE OF 290.76 FEET;

THENCE S25°16'08"W A DISTANCE OF 632.80 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S00°00'32"E A DISTANCE OF 1159.90 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTHEAST CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S12°40'56"E, A DISTANCE OF 1228.12 FEET;

SAID STRIP OF LAND BEING 1792.70 FEET OR 108.65 RODS IN LENGTH, CONTAINING 1.235 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

|           |              |            |             |
|-----------|--------------|------------|-------------|
| SE/4 NE/4 | 322.68 L.F.  | 19.56 RODS | 0.222 ACRES |
| NE/4 SE/4 | 1350.36 L.F. | 81.84 RODS | 0.930 ACRES |
| SE/4 SE/4 | 119.66 L.F.  | 7.25 RODS  | 0.082 ACRES |

### SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, ON THE 29TH DAY OF JANUARY 2020.

FILIMON F. JARAMILLO  
NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
(575) 234-3341

MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

SURVEY NO. 7923

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

### GENERAL NOTES

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 6-6

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|   |   |   |
|---|---|---|
| <sup>1</sup> API Number                 | <sup>2</sup> Pool Code                                      | <sup>3</sup> Pool Name                  |
| <sup>4</sup> Property Code              | <sup>5</sup> Property Name<br><b>BIG BURRO 27 STATE COM</b> | <sup>6</sup> Well Number<br><b>133H</b> |
| <sup>7</sup> OGRID No.<br><b>371449</b> | <sup>8</sup> Operator Name<br><b>COLGATE ENERGY LLC</b>     | <sup>9</sup> Elevation<br><b>3336.9</b> |

<sup>10</sup> Surface Location

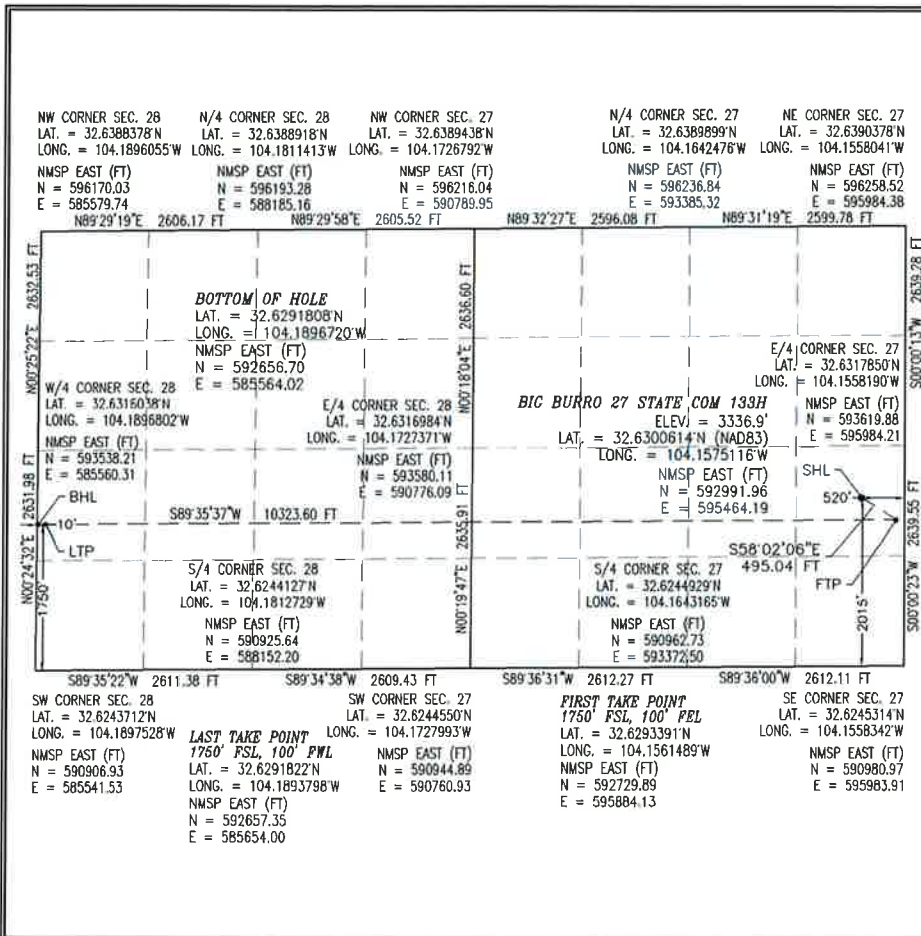
| UL or lot no. | Section   | Township    | Range       | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County      |
|---------------|-----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>I</b>      | <b>27</b> | <b>19 S</b> | <b>28 E</b> |         | <b>2015</b>   | <b>SOUTH</b>     | <b>520</b>    | <b>EAST</b>    | <b>EDDY</b> |

<sup>11</sup> Bottom Hole Location If Different From Surface

| UL or lot no. | Section   | Township    | Range       | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County      |
|---------------|-----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>L</b>      | <b>28</b> | <b>19 S</b> | <b>28 E</b> |         | <b>1750</b>   | <b>SOUTH</b>     | <b>10</b>     | <b>WEST</b>    | <b>EDDY</b> |

|                               |                               |                                  |                         |
|-------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> 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.



<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature \_\_\_\_\_ Date \_\_\_\_\_  
Printed Name \_\_\_\_\_  
E-mail Address \_\_\_\_\_

<sup>18</sup> SURVEYOR CERTIFICATION

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

JANUARY 28, 2020

Date of Survey \_\_\_\_\_  
Signature and Seal of Professional Surveyor:   
Certificate Number: 12797  
Survey No. 7922

Intent ☐ As Drilled ☐

API #

Operator Name:

**COLGATE ENERGY LLC**

Property Name:

**BIG BURRO 27 STATE COM**

Well Number

**133H**

Kick Off Point (KOP)

| UL                | Section   | Township   | Range      | Lot | Feet               | From N/S     | Feet       | From E/W    | County      |
|-------------------|-----------|------------|------------|-----|--------------------|--------------|------------|-------------|-------------|
| <b>I</b>          | <b>27</b> | <b>19S</b> | <b>28E</b> |     | <b>2015</b>        | <b>SOUTH</b> | <b>520</b> | <b>EAST</b> | <b>EDDY</b> |
| Latitude          |           |            |            |     | Longitude          |              |            | NAD         |             |
| <b>32.6300614</b> |           |            |            |     | <b>104.1575116</b> |              |            | <b>83</b>   |             |

First Take Point (FTP)

| UL                | Section   | Township   | Range      | Lot | Feet               | From N/S     | Feet       | From E/W    | County      |
|-------------------|-----------|------------|------------|-----|--------------------|--------------|------------|-------------|-------------|
| <b>I</b>          | <b>27</b> | <b>19S</b> | <b>28E</b> |     | <b>1750</b>        | <b>SOUTH</b> | <b>100</b> | <b>EAST</b> | <b>EDDY</b> |
| Latitude          |           |            |            |     | Longitude          |              |            | NAD         |             |
| <b>32.6293391</b> |           |            |            |     | <b>104.1561489</b> |              |            | <b>83</b>   |             |

Last Take Point (LTP)

| UL                | Section   | Township   | Range      | Lot | Feet               | From N/S     | Feet       | From E/W    | County      |
|-------------------|-----------|------------|------------|-----|--------------------|--------------|------------|-------------|-------------|
| <b>L</b>          | <b>28</b> | <b>19S</b> | <b>28E</b> |     | <b>1750</b>        | <b>SOUTH</b> | <b>100</b> | <b>WEST</b> | <b>EDDY</b> |
| Latitude          |           |            |            |     | Longitude          |              |            | NAD         |             |
| <b>32.6291822</b> |           |            |            |     | <b>104.1893798</b> |              |            | <b>83</b>   |             |

Is this well the defining well for the Horizontal Spacing Unit? ☐

Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:

Property Name:

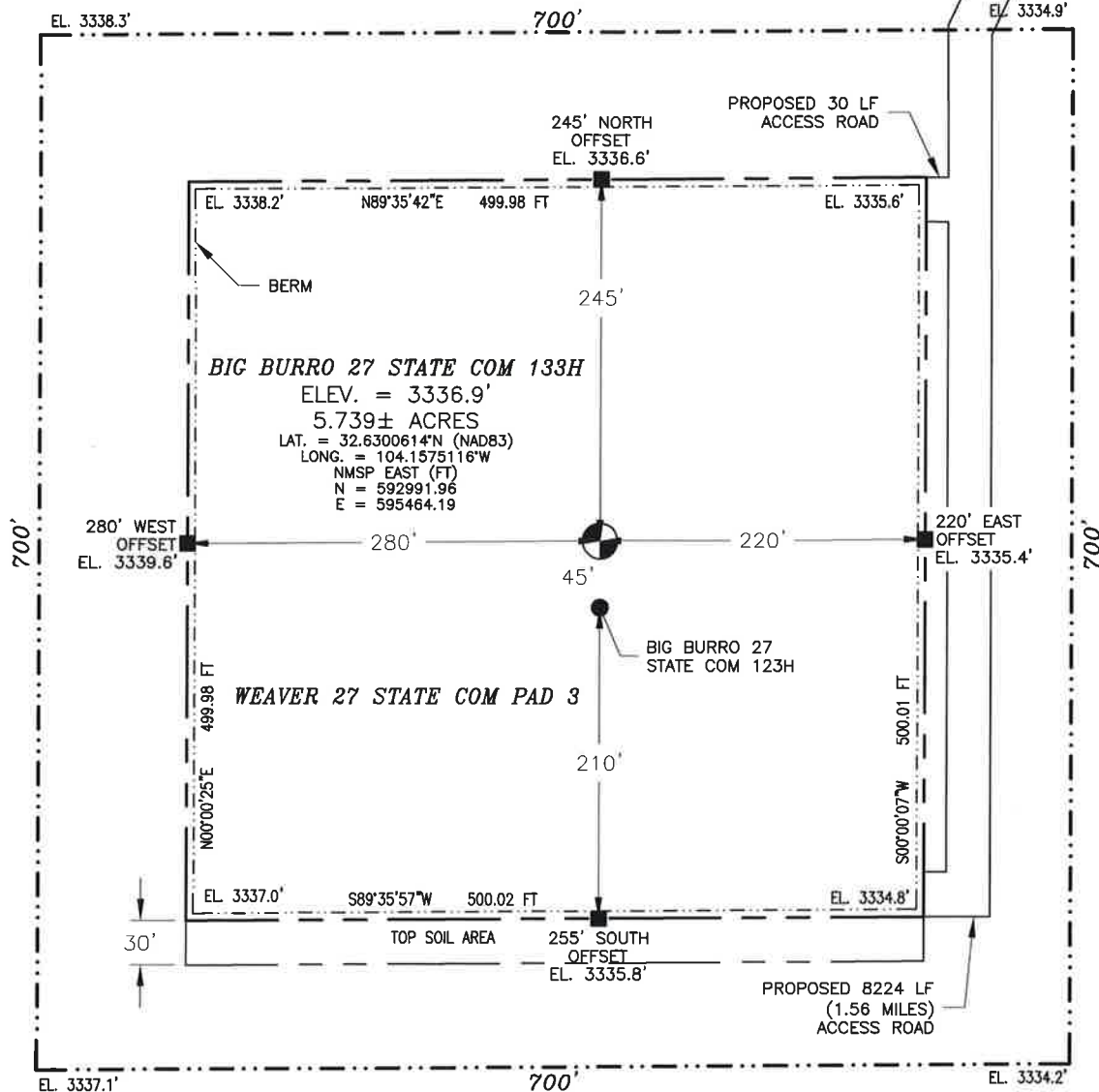
Well Number

KZ 06/29/2018



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
**SITE MAP**

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE



0 12 60 120 240

SCALE 1" = 120'

**DIRECTIONS TO LOCATION**

FROM THE INTERSECTION OF CR. 208 & CR. 235 (CURRY COMBS) GO SOUTHEAST ON CR. 235 APPROX. 3.0 MILES TO "Y" INTERSECTION, STAY RIGHT CONTINUE SOUTHEAST GO APPROX. 1.8 MILES, ROAD TURNS RIGHT (SOUTH) GO SOUTH APPROX. 0.7 OF A MILE, TURN LEFT GO EAST 821', TURN RIGHT ON MILLMAN ROAD GO SOUTH-SOUTHEAST APPROX. 3315', TURN RIGHT GO SOUTH-SOUTHWEST AND FOLLOW ROAD LATHS 2874', TURN RIGHT GO WEST 2174', TURN LEFT GO SOUTH 1870', THEN SOUTHWEST 691', THEN SOUTH 585', THEN WEST 30' (TOTAL 8224', 1.56 MILES) TO THE SOUTHEAST PAD CORNER FOR THIS LOCATION.

I, FILMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND THAT I HAVE COMPLIED WITH THE MINIMUM STANDARDS FOR SURVEYING.

FILMON F. JARAMILLO, NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR  
MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341

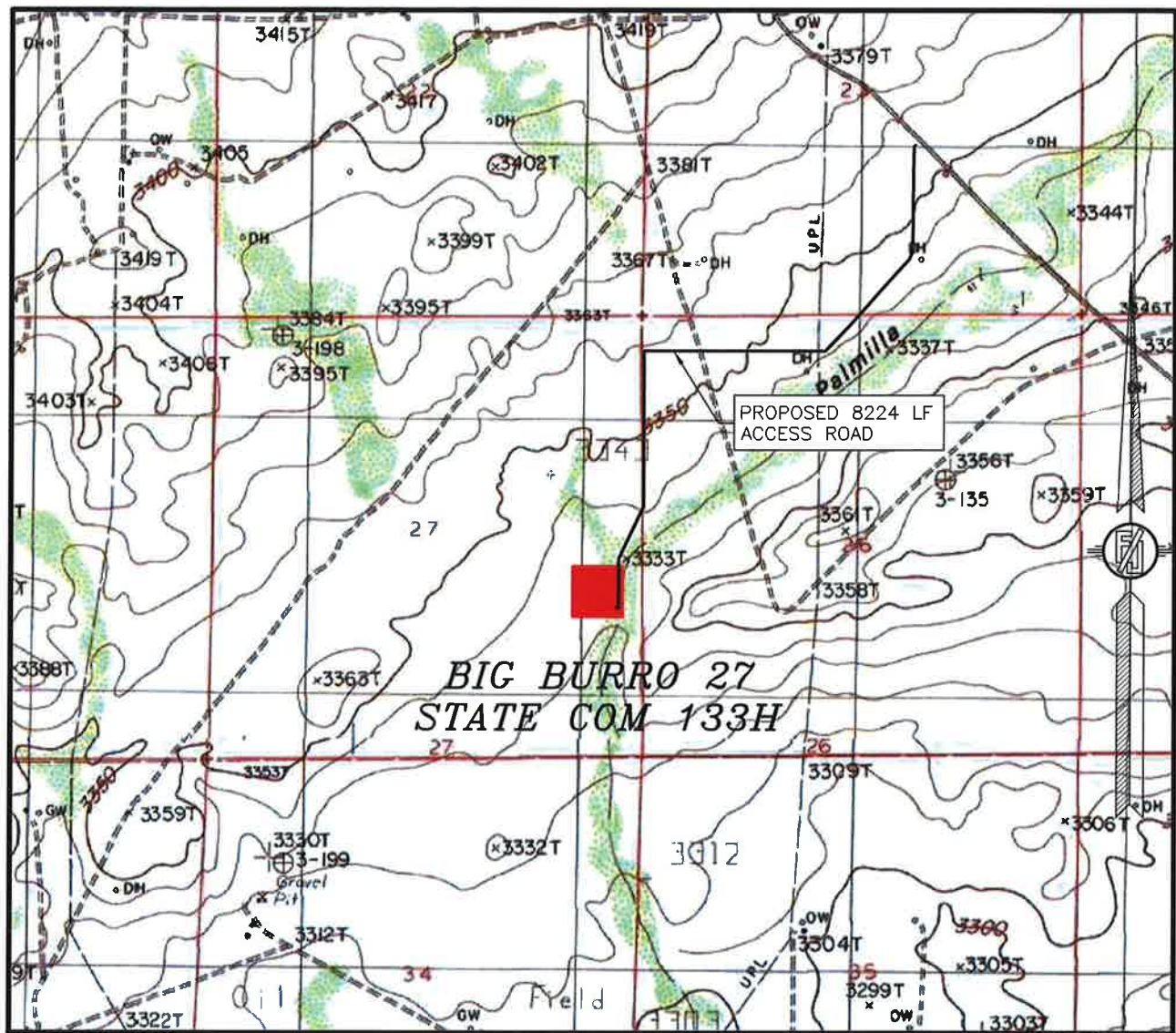
COLGATE ENERGY LLC  
**BIG BURRO 27 STATE COM 133H**  
LOCATED 2015 FT. FROM THE SOUTH LINE  
AND 520 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

SURVEY NO. 7922

CARLSBAD, NEW MEXICO

SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO  
 LOCATION VERIFICATION MAP



USGS QUAD MAP:  
 ILLINOIS CAMP

NOT TO SCALE

COLGATE ENERGY LLC  
**BIG BURRO 27 STATE COM 133H**  
 LOCATED 2015 FT. FROM THE SOUTH LINE  
 AND 520 FT. FROM THE EAST LINE OF  
 SECTION 27, TOWNSHIP 19 SOUTH,  
 RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO

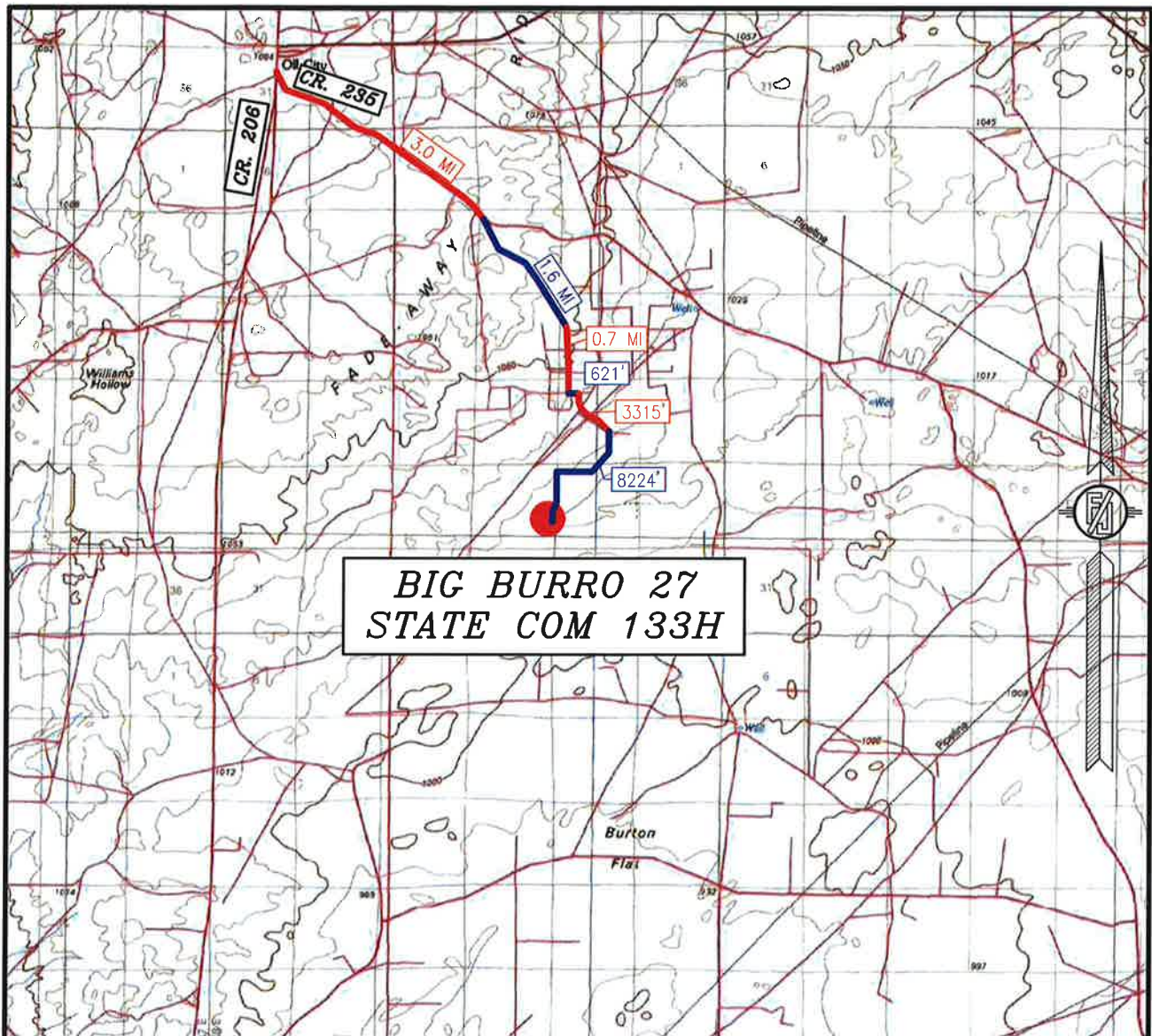
JANUARY 28, 2020

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SURVEY NO. 7922



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

**DIRECTIONS TO LOCATION**

FROM THE INTERSECTION OF CR. 206 & CR. 235 (CURRY COMBS) GO SOUTHEAST ON CR. 235 APPROX. 3.0 MILES TO "Y" INTERSECTION, STAY RIGHT CONTINUE SOUTHEAST GO APPROX. 1.6 MILES, ROAD TURNS RIGHT (SOUTH) GO SOUTH APPROX. 0.7 OF A MILE, TURN LEFT GO EAST 621', TURN RIGHT ON MILLMAN ROAD GO SOUTH-SOUTHEAST APPROX. 3315', TURN RIGHT GO SOUTH-SOUTHWEST AND FOLLOW ROAD LATHS 2874', TURN RIGHT GO WEST 2174', TURN LEFT GO SOUTH 1870', THEN SOUTHWEST 691', THEN SOUTH 585', THEN WEST 30' (TOTAL 8224', 1.56 MILES) TO THE SOUTHEAST PAD CORNER FOR THIS LOCATION.

COLGATE ENERGY LLC  
**BIG BURRO 27 STATE COM 133H**  
LOCATED 2015 FT. FROM THE SOUTH LINE  
AND 520 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

SURVEY NO. 7922

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341

CARLSBAD, NEW MEXICO



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
*AERIAL PHOTO*



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
MARCH 2016

COLGATE ENERGY LLC  
**BIG BURRO 27 STATE COM 133H**  
LOCATED 2015 FT. FROM THE SOUTH LINE  
AND 520 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SURVEY NO. 7922



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO  
 ACCESS AERIAL ROUTE MAP



NOT TO SCALE  
 AERIAL PHOTO:  
 GOOGLE EARTH  
 MARCH 2016

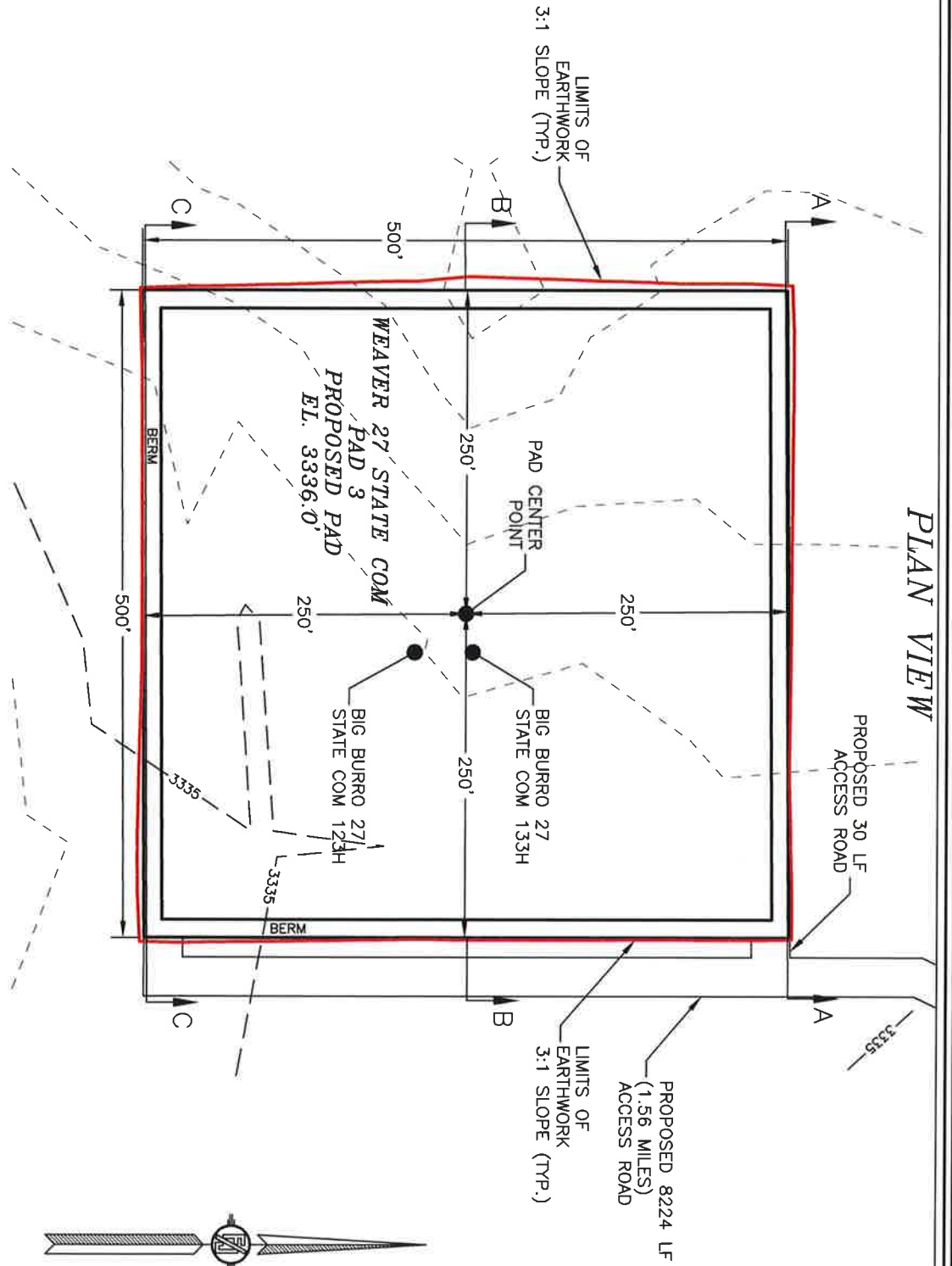
COLGATE ENERGY LLC  
**BIG BURRO 27 STATE COM 133H**  
 LOCATED 2015 FT. FROM THE SOUTH LINE  
 AND 520 FT. FROM THE EAST LINE OF  
 SECTION 27, TOWNSHIP 19 SOUTH,  
 RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SURVEY NO. 7922

# PLAN VIEW



SEC. 27  
SEC. 26

I, FILMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS JUST AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THE PLAT MEET THE MINIMUM REQUIREMENTS FOR A PLAT IN NEW MEXICO.

FILMON F. JARAMILLO  
REGISTERED PROFESSIONAL SURVEYOR  
NEW MEXICO  
12797

**COLGATE ENERGY LLC  
GRADING PLAN AND CROSS SECTIONS  
FOR BIG BURRO 27 STATE COM 133H  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO**

JANUARY 28, 2020

301 SOUTH CANAL  
(375) 234-5341

CARLSBAD, NEW MEXICO

SHEET 1-2  
SURVEY NO. 7922

| CUT         | FILL        | NET               |
|-------------|-------------|-------------------|
| 4753 CU. YD | 3454 CU. YD | 1300 CU. YD (CUT) |

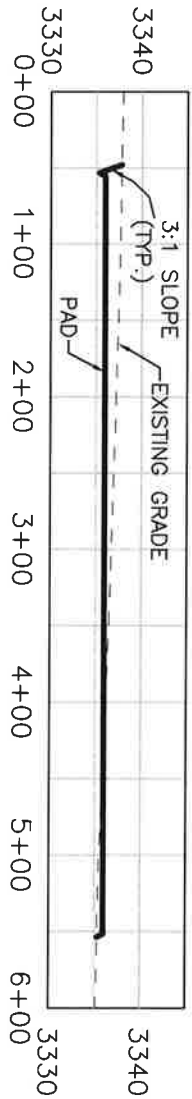
EARTHWORK QUANTITIES ARE ESTIMATED



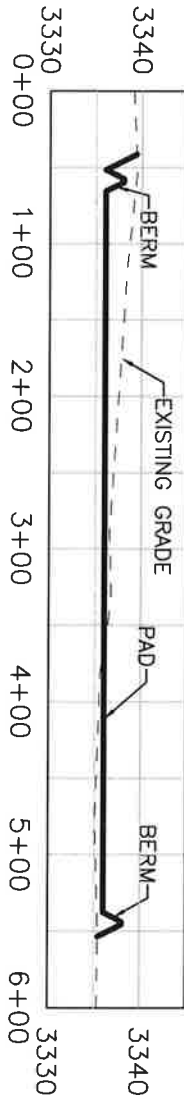


# CROSS-SECTIONS

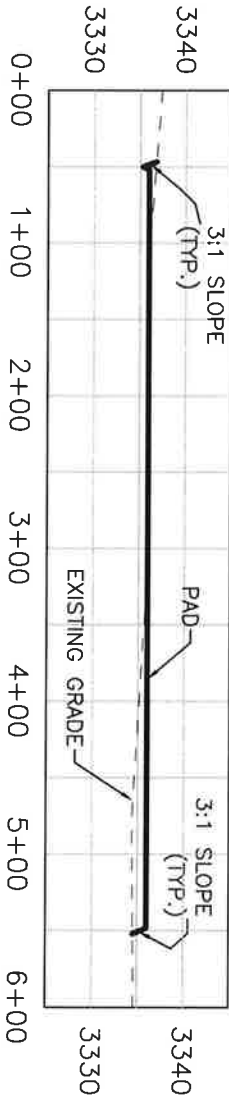
SECTION A-A



SECTION B-B



SECTION C-C



I, FILMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS JUST AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY MEET THE MINIMUM REQUIREMENTS OF THE NEW MEXICO SURVEYING ACT.

FILMON F. JARAMILLO  
REGISTERED PROFESSIONAL SURVEYOR  
NEW MEXICO  
12797

COLGATE ENERGY LLC  
GRADING PLAN AND CROSS SECTIONS  
FOR BIG BURRO 27 STATE COM 13SH  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

301 SOUTH CANAL CARLSBAD, NEW MEXICO

| CUT         | FILL        | NET               |
|-------------|-------------|-------------------|
| 4753 CU. YD | 3454 CU. YD | 1300 CU. YD (CUT) |

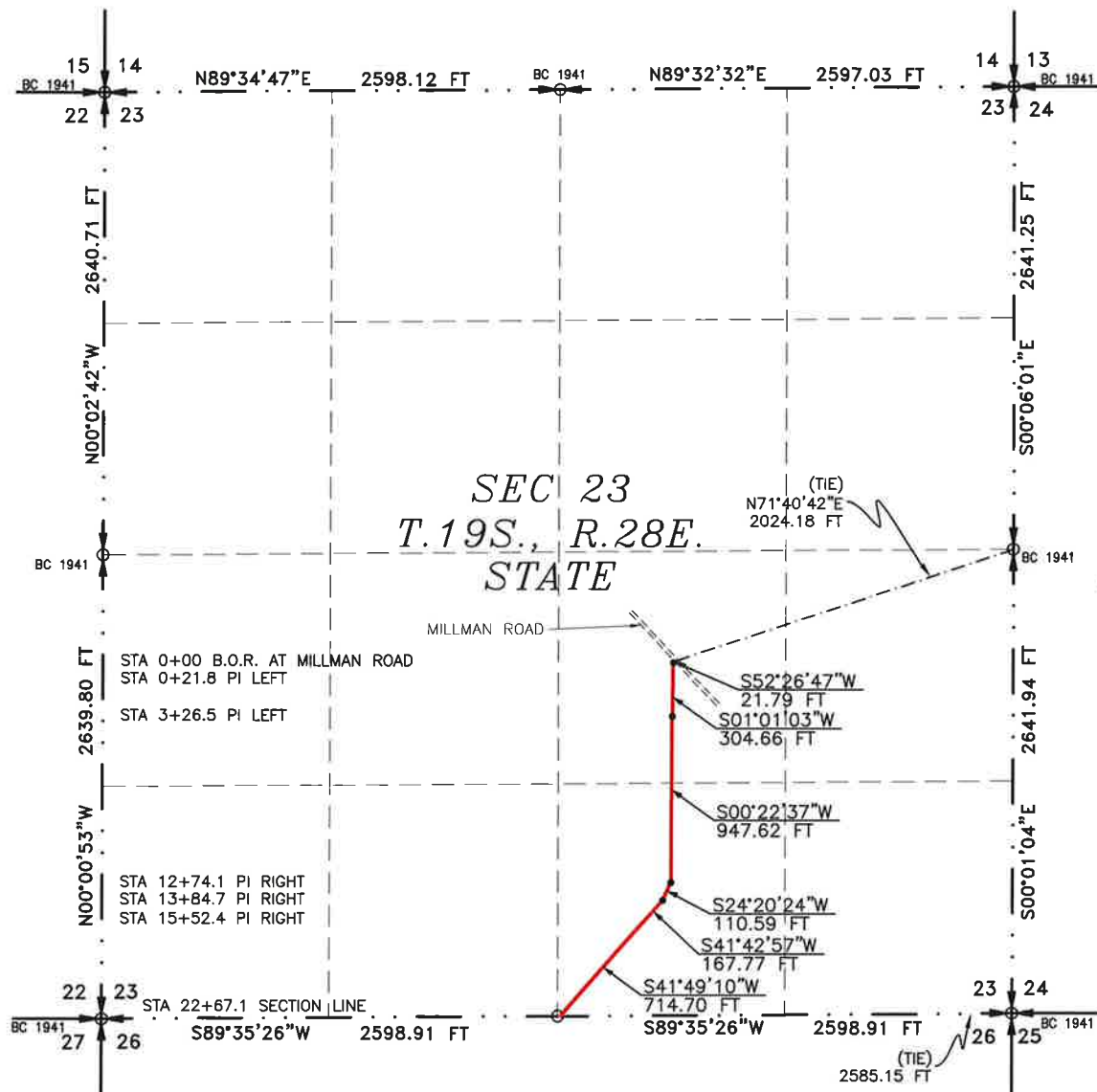
EARTHWORK QUANTITIES ARE ESTIMATED

SHEET 2-2  
SURVEY NO. 7922

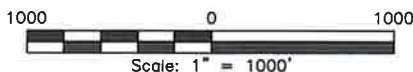


**ACCESS ROAD PLAT**  
ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 3 (BIG BURRO 27 STATE COM 123H & 133H)

**COLGATE ENERGY LLC**  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 28, 2020



SEE NEXT SHEET (2-6) FOR DESCRIPTION



**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 1-6

MADRON SURVEYING, INC.

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,

NEW MEXICO, THIS 30 DAY OF JANUARY 2020

FILIMON F. JARAMILLO PLS 12797

MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

SURVEY NO. 7922

CARLSBAD, NEW MEXICO

**ACCESS ROAD PLAT**  
**ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 3 (BIG BURRO 27 STATE COM 123H & 133H)**

**COLGATE ENERGY LLC**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.**  
**EDDY COUNTY, STATE OF NEW MEXICO**  
**JANUARY 28, 2020**

**DESCRIPTION**

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE NW/4 SE/4 OF SAID SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE EAST QUARTER CORNER OF SAID SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N71°40'42"E, A DISTANCE OF 2024.18 FEET;  
THENCE S52°26'47"W A DISTANCE OF 21.79 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S01°01'03"W A DISTANCE OF 304.66 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S00°22'37"W A DISTANCE OF 947.62 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S24°20'24"W A DISTANCE OF 110.59 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S41°42'57"W A DISTANCE OF 167.77 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S41°49'10"W A DISTANCE OF 714.70 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTHEAST CORNER OF SAID SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N89°35'26"E, A DISTANCE OF 2585.15 FEET;

SAID STRIP OF LAND BEING 2267.13 FEET OR 137.40 RODS IN LENGTH, CONTAINING 1.561 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

|           |              |            |             |
|-----------|--------------|------------|-------------|
| NW/4 SE/4 | 707.55 L.F.  | 42.88 RODS | 0.487 ACRES |
| SW/4 SE/4 | 1559.58 L.F. | 94.52 RODS | 1.074 ACRES |

**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 2-6**

**MADRON SURVEYING, INC.**

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,  
NEW MEXICO, THIS 20 DAY OF JANUARY 2020

  
FILIMON F. JARAMILLO PLS 12797

MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

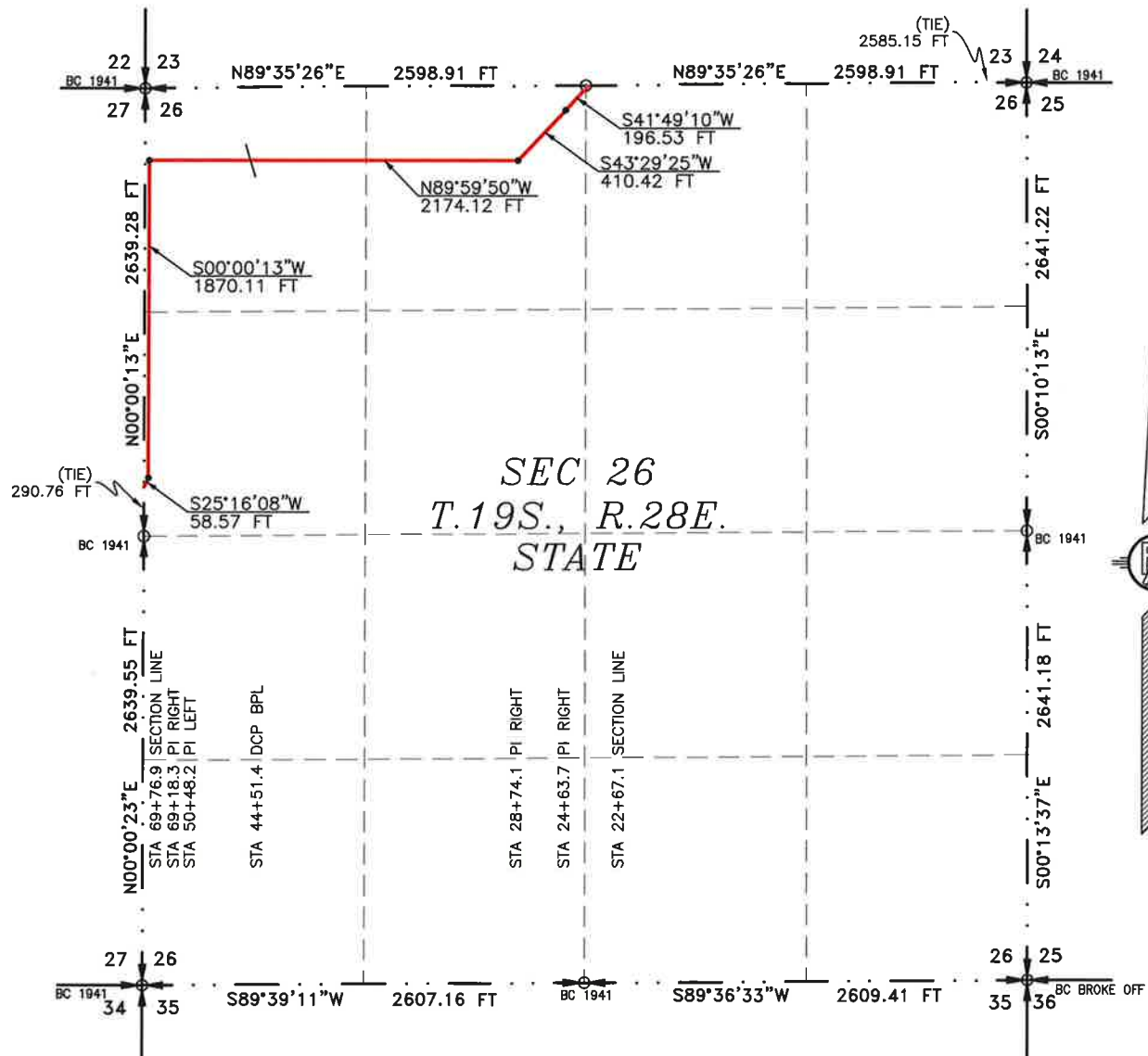
**SURVEY NO. 7922**

**CARLSBAD, NEW MEXICO**

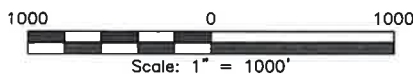


**ACCESS ROAD PLAT**  
ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 3 (BIG BURRO 27 STATE COM 123H & 133H)

**COLGATE ENERGY LLC**  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 28, 2020



SEE NEXT SHEET (4-6) FOR DESCRIPTION



**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 3-6**

**MADRON SURVEYING, INC.** 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3341

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 30 DAY OF JANUARY 2020

FILIMON F. JARAMILLO PLS 12797  
NEW MEXICO SURVEYOR

MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

**SURVEY NO. 7922**

**ACCESS ROAD PLAT**  
**ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 3 (BIG BURRO 27 STATE COM 123H & 133H)**

**COLGATE ENERGY LLC**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.**  
**EDDY COUNTY, STATE OF NEW MEXICO**  
**JANUARY 28, 2020**

**DESCRIPTION**

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE NW/4 NE/4 OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE NORTHEAST CORNER OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N89°35'26"E, A DISTANCE OF 2585.15 FEET;

THENCE S41°49'10"W A DISTANCE OF 196.53 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S43°29'25"W A DISTANCE OF 410.42 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE N89°59'50"W A DISTANCE OF 2174.12 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S00°00'13"W A DISTANCE OF 1870.11 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S25°16'08"W A DISTANCE OF 58.57 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE WEST QUARTER CORNER OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S00°00'13"W, A DISTANCE OF 290.76 FEET;

SAID STRIP OF LAND BEING 4709.75 FEET OR 285.44 RODS IN LENGTH, CONTAINING 3.244 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

|           |              |             |             |
|-----------|--------------|-------------|-------------|
| NW/4 NE/4 | 20.60 L.F.   | 1.25 RODS   | 0.014 ACRES |
| NE/4 NW/4 | 1485.72 L.F. | 90.04 RODS  | 1.023 ACRES |
| NW/4 NW/4 | 2168.77 L.F. | 131.44 RODS | 1.494 ACRES |
| SW/4 NW/4 | 1034.66 L.F. | 62.71 RODS  | 0.713 ACRES |

**GENERAL NOTES**

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 4-6**

**MADRON SURVEYING, INC.**

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 30 DAY OF JANUARY 2020

  
FILIMON F. JARAMILLO PLS. 12797

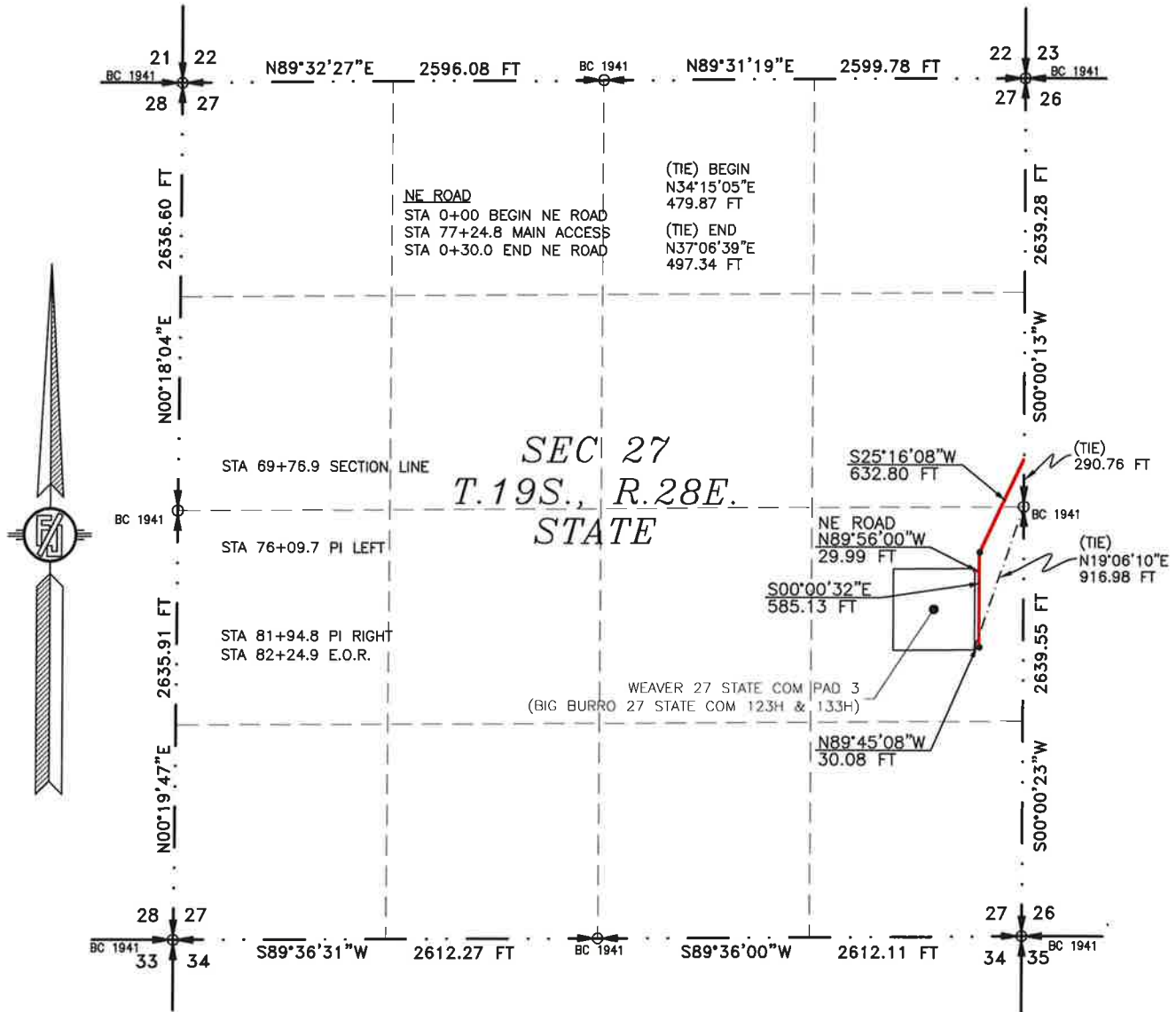
MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

**SURVEY NO. 7922**

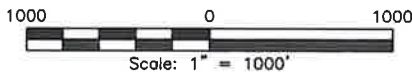
**CARLSBAD, NEW MEXICO**

**ACCESS ROAD PLAT**  
ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 3 (BIG BURRO 27 STATE COM 123H & 133H)

**COLGATE ENERGY LLC**  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 28, 2020



SEE NEXT SHEET (6-6) FOR DESCRIPTION



**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 5-6**

**MADRON SURVEYING, INC.**

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 30 DAY OF JANUARY 2020

FILIMON F. JARAMILLO PLS 12797

MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

**SURVEY NO. 7922**

**CARLSBAD, NEW MEXICO**



**ACCESS ROAD PLAT**  
*ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 3 (BIG BURRO 27 STATE COM 123H & 133H)*

**COLGATE ENERGY LLC**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.**  
**EDDY COUNTY, STATE OF NEW MEXICO**  
**JANUARY 28, 2020**

**DESCRIPTION**

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

**MAIN ACCESS ROAD**

BEGINNING AT A POINT WITHIN THE SE/4 NE/4 OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE EAST QUARTER CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S00°00'13"W, A DISTANCE OF 290.76 FEET;

THENCE S25°16'08"W A DISTANCE OF 632.80 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S00°00'32"E A DISTANCE OF 585.13 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE N89°45'08"W A DISTANCE OF 30.08 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE EAST QUARTER CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N19°06'10"E, A DISTANCE OF 916.98 FEET;

SAID STRIP OF LAND BEING 1248.01 FEET OR 75.64 RODS IN LENGTH, CONTAINING 0.859 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SE/4 NE/4 322.68 L.F. 19.56 RODS 0.222 ACRES

NE/4 SE/4 925.33 L.F. 56.08 RODS 0.637 ACRES

**NORTHEAST ACCESS ROAD**

BEGINNING AT A POINT WITHIN THE NE/4 SE/4 OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE EAST QUARTER CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N34°15'05"E, A DISTANCE OF 479.87 FEET;

THENCE N89°56'00"W A DISTANCE OF 29.99 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE EAST QUARTER CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N37°06'39"E, A DISTANCE OF 497.34 FEET;

SAID STRIP OF LAND BEING 29.99 FEET OR 1.82 RODS IN LENGTH, CONTAINING 0.021 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NE/4 SE/4 29.99 L.F. 1.82 RODS 0.021 ACRES

**GENERAL NOTES**

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 6-6**

**MADRON SURVEYING, INC.**

301 SOUTH CANAL  
(575) 234-3341

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,  
NEW MEXICO, THIS 30 DAY OF JANUARY 2020

  
FILIMON F. JARAMILLO PLS 12797

MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

**SURVEY NO. 7922**

**CARLSBAD, NEW MEXICO**

Ex.A-Ex.8-112

Intent ☐ As Drilled ☐

|                                      |  |                     |
|--------------------------------------|--|---------------------|
| API #                                |  |                     |
| Operator Name:<br>COLGATE ENERGY LLC | Property Name:<br>BIG BURRO 27 STATE COM | Well Number<br>134H |

Kick Off Point (KOP)

|          |         |          |       |     |           |          |      |          |        |
|----------|---------|----------|-------|-----|-----------|----------|------|----------|--------|
| UL       | Section | Township | Range | Lot | Feet      | From N/S | Feet | From E/W | County |
| Latitude |         |          |       |     | Longitude |          |      |          | NAD    |

First Take Point (FTP)

|                        |               |                 |              |     |                          |                   |             |                  |                |
|------------------------|---------------|-----------------|--------------|-----|--------------------------|-------------------|-------------|------------------|----------------|
| UL<br>P                | Section<br>27 | Township<br>19S | Range<br>28E | Lot | Feet<br>430              | From N/S<br>SOUTH | Feet<br>100 | From E/W<br>EAST | County<br>EDDY |
| Latitude<br>32.6257117 |               |                 |              |     | Longitude<br>104.1561565 |                   |             |                  | NAD<br>83      |

Last Take Point (LTP)

|                        |               |                 |              |     |                          |                   |             |                  |                |
|------------------------|---------------|-----------------|--------------|-----|--------------------------|-------------------|-------------|------------------|----------------|
| UL<br>M                | Section<br>28 | Township<br>19S | Range<br>28E | Lot | Feet<br>430              | From N/S<br>SOUTH | Feet<br>100 | From E/W<br>WEST | County<br>EDDY |
| Latitude<br>32.6255549 |               |                 |              |     | Longitude<br>104.1894162 |                   |             |                  | NAD<br>83      |

Is this well the defining well for the Horizontal Spacing Unit? ☐

Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

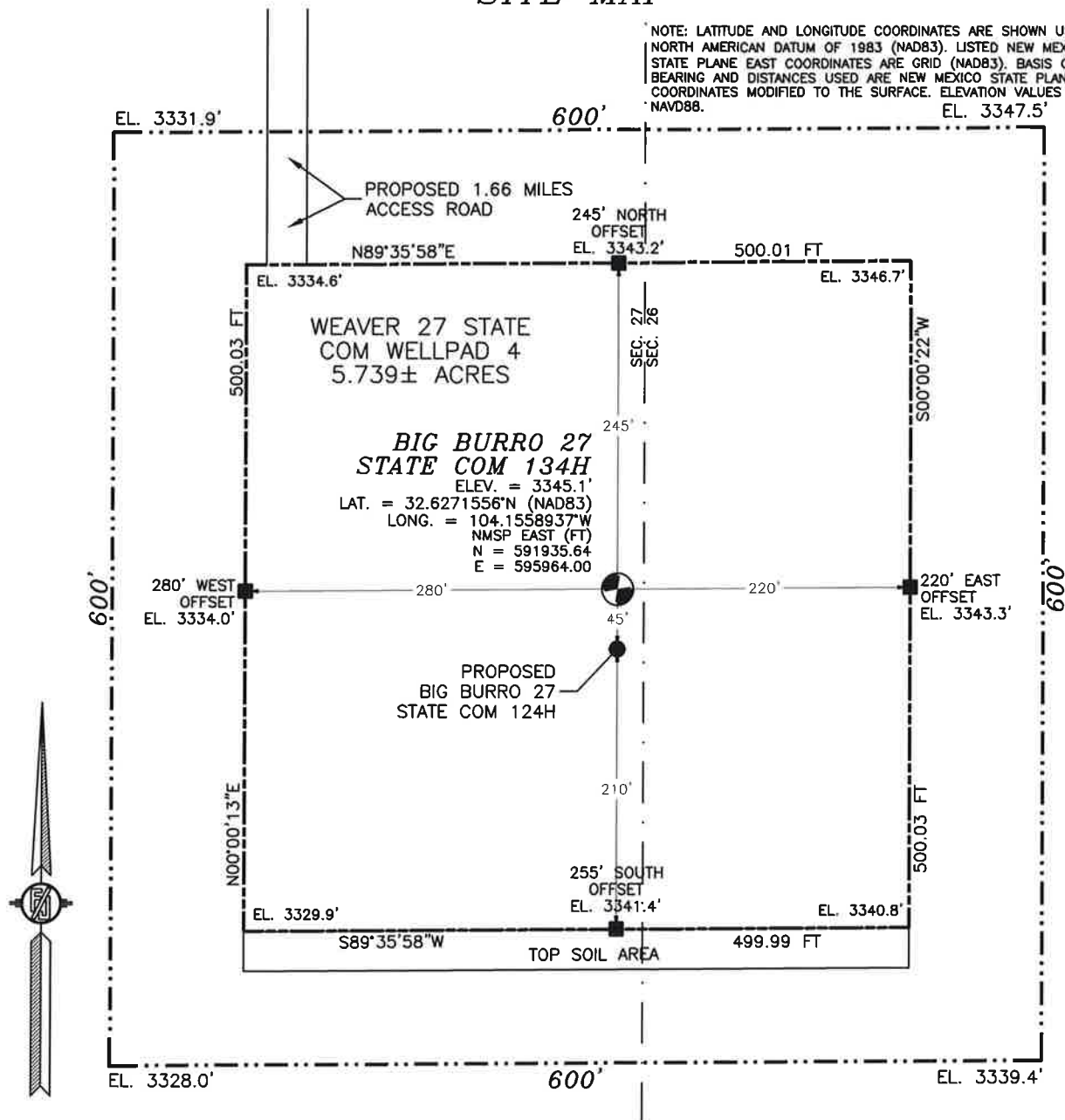
|                |                |             |
|----------------|----------------|-------------|
| API #          |                |             |
| Operator Name: | Property Name: | Well Number |

KZ 06/29/2018



**SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
SITE MAP**

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE. ELEVATION VALUES ARE NAVD88.



**COLGATE ENERGY LLC**  
**BIG BURRO 27 STATE COM 134H**  
LOCATED 955 FT. FROM THE SOUTH LINE  
AND 20 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

SURVEY NO. 7924

**MADRON SURVEYING, INC.** 301 SOUTH CANAL CARLSBAD, NEW MEXICO  
(575) 234-3341

## INTERIM SITE RECLAMATION

PROPOSED 1.66 MILES  
ACCESS ROAD

125'

25'

215'

25'

120'

BIG BURRO 27  
STATE COM 134H

120'

120'

500'

100'

160'

260'

120'

BIG BURRO 27  
STATE COM 124H

120'

400'

90'

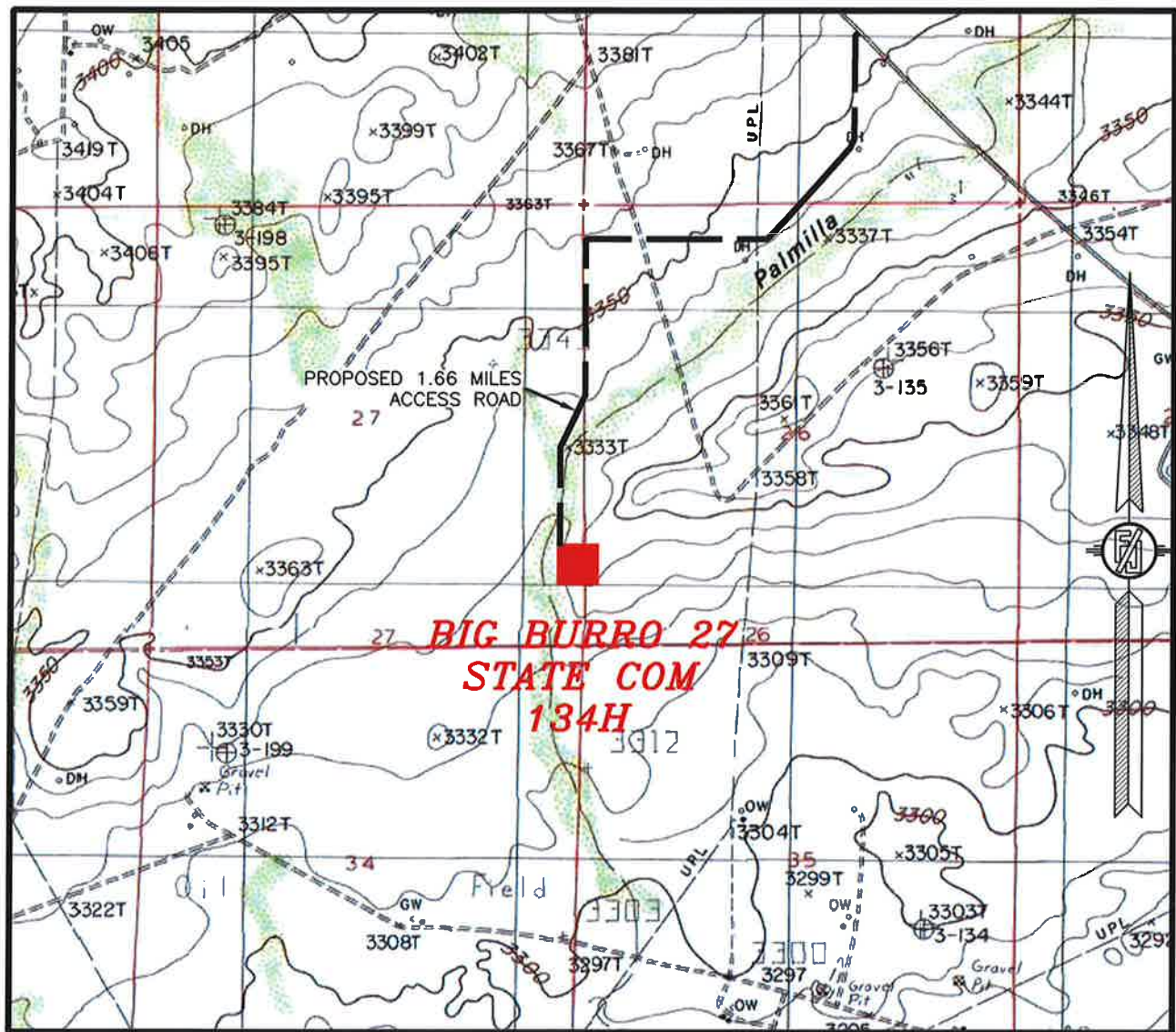
TOP SOIL AREA

**COLGATE ENERGY LLC**  
**BIG BURRO 27 STATE COM 134H**  
LOCATED 955 FT. FROM THE SOUTH LINE  
AND 20 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

**SURVEY NO. 7924**

**MADRON SURVEYING, INC.** 301 SOUTH CANAL CARLSBAD, NEW MEXICO  
(575) 234-3341

SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
LOCATION VERIFICATION MAP



USGS QUAD MAP:  
ILLINOIS CAMP  
ANGEL DRAW

NOT TO SCALE

COLGATE ENERGY LLC  
**BIG BURRO 27 STATE COM 134H**  
LOCATED 955 FT. FROM THE SOUTH LINE  
AND 20 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

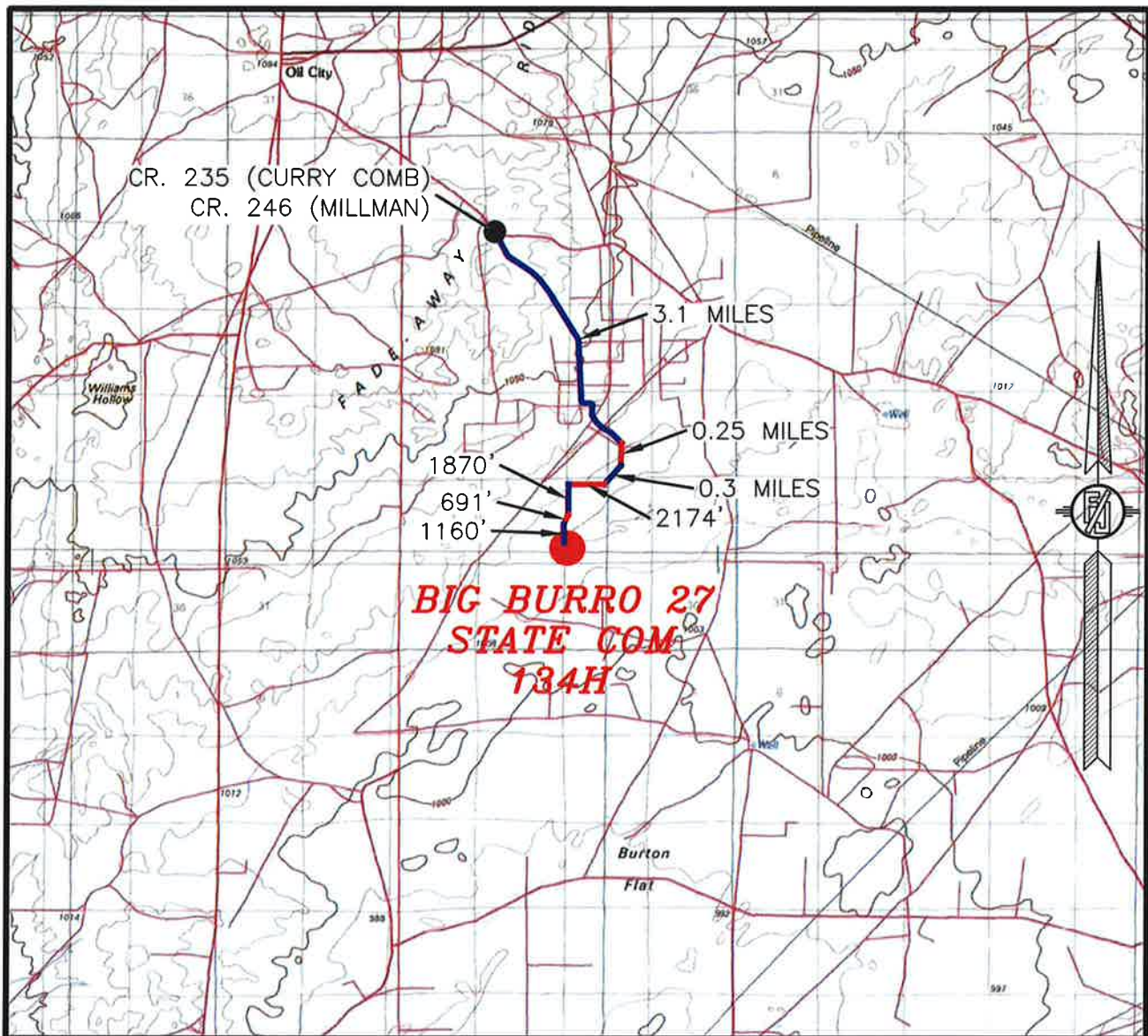
JANUARY 29, 2020

SURVEY NO. 7924

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO  
(575) 234-3341



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

**DIRECTIONS TO LOCATION**

FROM CR. 235 (CURRY COMB) AND CR. 246 (MILLMAN), GO SOUTHEAST ON CR. 246 3.1 MILES, TURN RIGHT ON CALICHE ROAD AND GO SOUTH 0.25 MILES, BEND LEFT AND GO SOUTHWEST 0.3 MILES TO A ROAD SURVEY, AND FOLLOW FLAGS WEST 2174', THEN SOUTH 1870', THEN SOUTHWEST 691' THEN SOUTH 1160' TO THE NORTHWEST PAD CORNER FOR THIS LOCATION.

COLGATE ENERGY LLC  
**BIG BURRO 27 STATE COM 134H**  
LOCATED 955 FT. FROM THE SOUTH LINE  
AND 20 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

MADRON SURVEYING, INC. 301 SOUTH CANAL SURVEY NO. 7924  
(575) 234-3341 CARLSBAD, NEW MEXICO

SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
**AERIAL PHOTO**



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
MAR. 2016

**COLGATE ENERGY LLC**  
**BIG BURRO 27 STATE COM 134H**  
LOCATED 955 FT. FROM THE SOUTH LINE  
AND 20 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

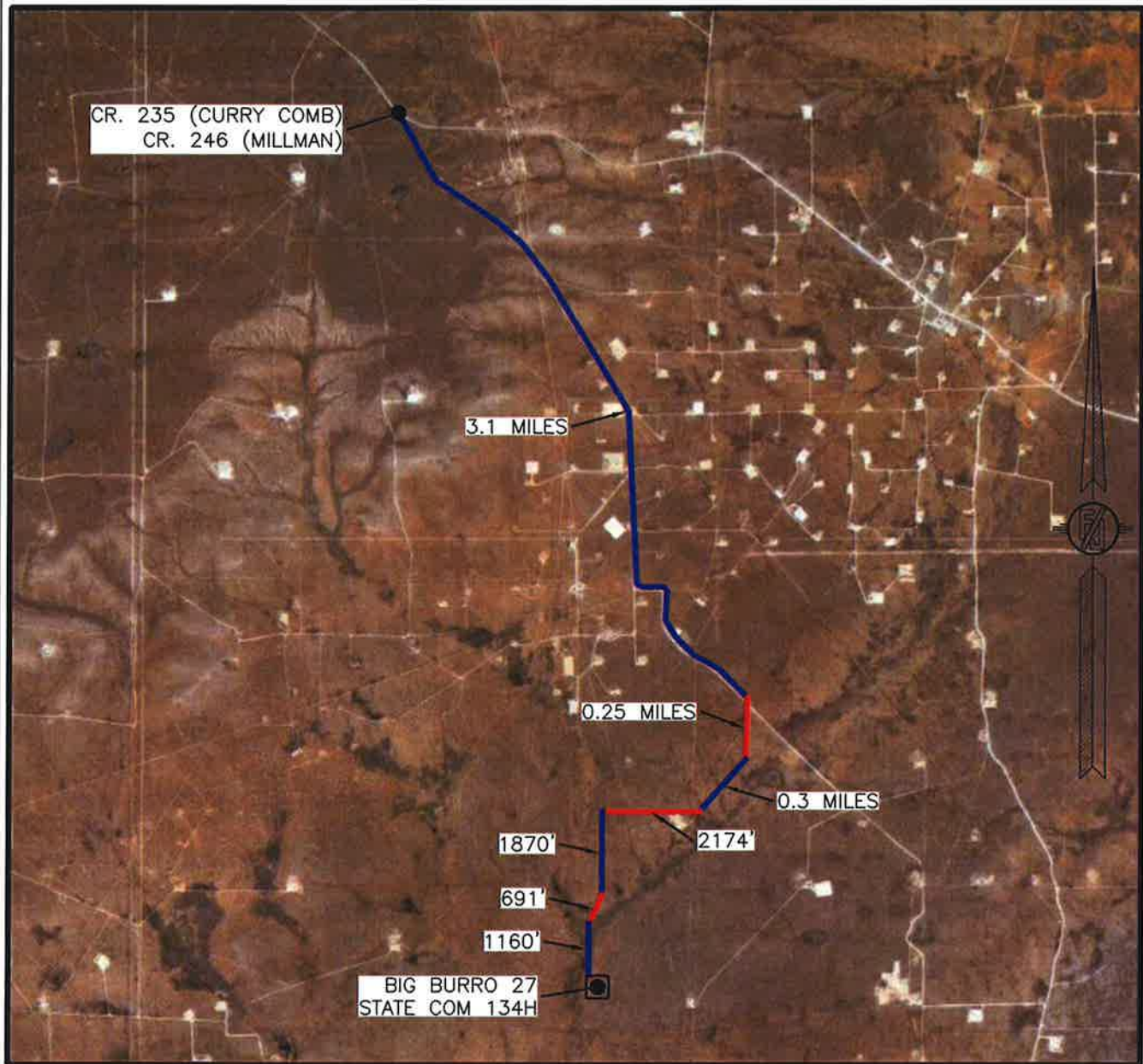
JANUARY 29, 2020

SURVEY NO. 7924

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO  
 AERIAL ACCESS ROUTE MAP



NOT TO SCALE  
 AERIAL PHOTO:  
 GOOGLE EARTH  
 MAR. 2016

COLGATE ENERGY LLC  
**BIG BURRO 27 STATE COM 134H**  
 LOCATED 955 FT. FROM THE SOUTH LINE  
 AND 20 FT. FROM THE EAST LINE OF  
 SECTION 27, TOWNSHIP 19 SOUTH,  
 RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO

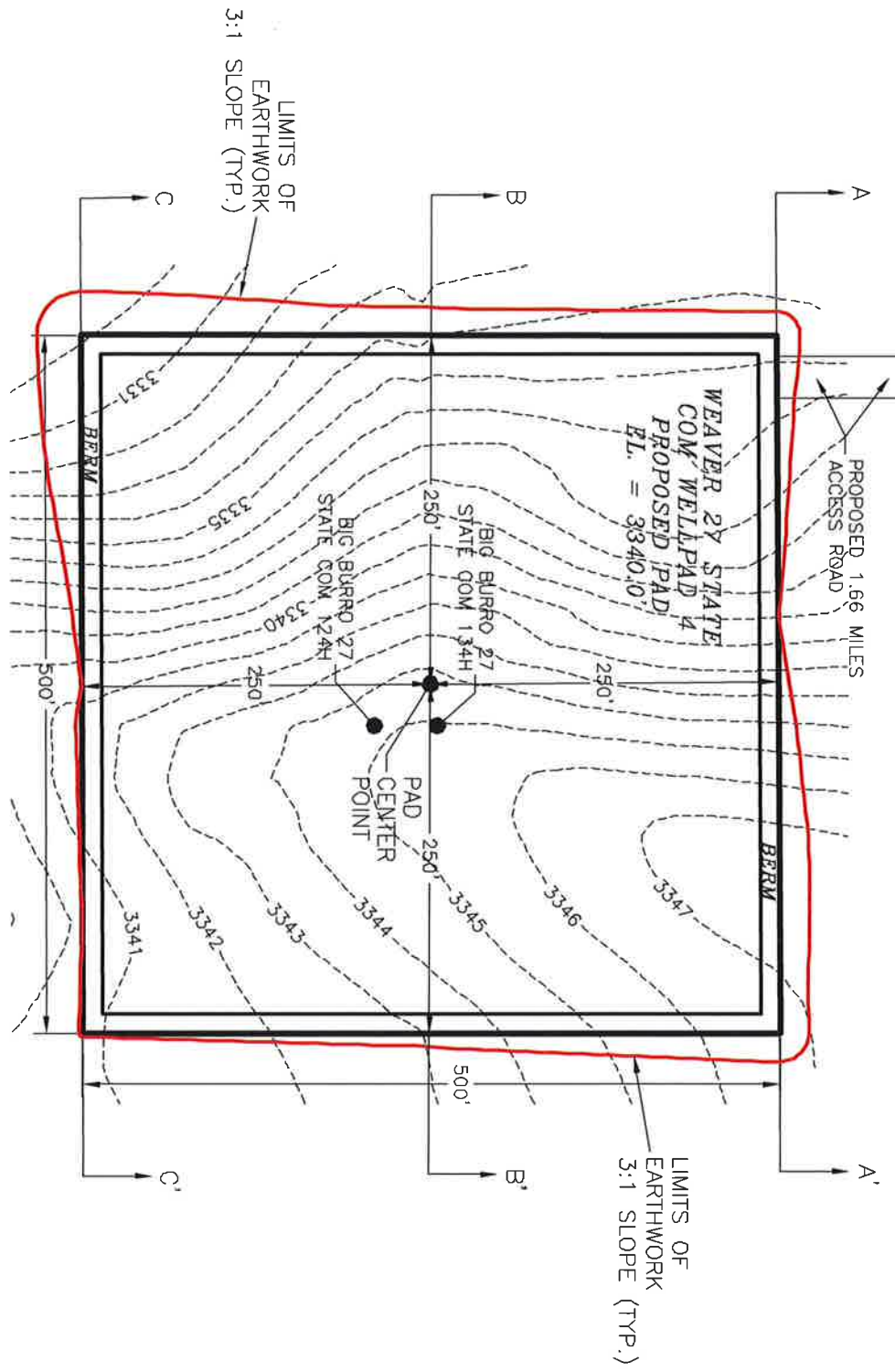
JANUARY 29, 2020

SURVEY NO. 7924

MADRON SURVEYING, INC. 301. SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO



# PLAN VIEW



I, FILMON E. JARABE, LICENSED PROFESSIONAL SURVEYOR CERTIFICATE NO. 12291, AM RESPONSIBLE FOR THIS SURVEY. THE SURVEY WAS CONDUCTED IN ACCORDANCE WITH THE BEST OF MY KNOWLEDGE AND SKILLS AND THE SURVEY AND PLAN MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

COLCATE ENERGY LLC  
**PAD GRADING AND CROSS SECTIONS  
 FOR BIG BURRO 27 STATE COM 134H**  
 SECTION 27, TOWNSHIP 19 SOUTH,  
 RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

CARLSBAD, NEW MEXICO

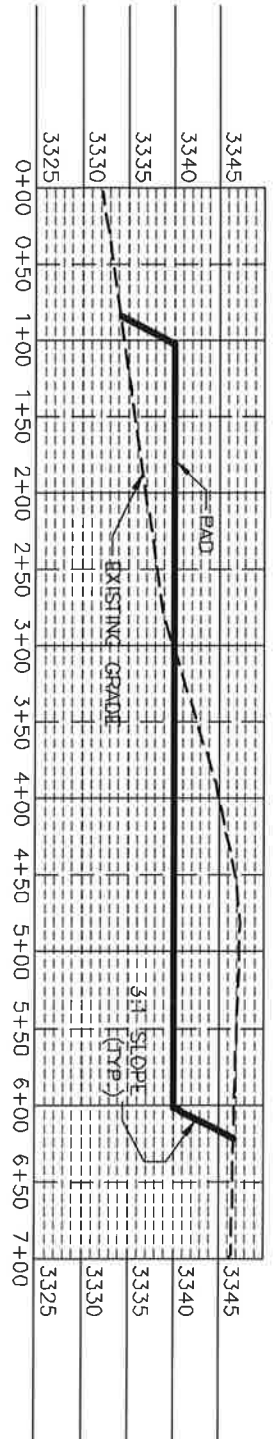
|                                    |              |                   |
|------------------------------------|--------------|-------------------|
| 012 60 120 240                     |              |                   |
| SCALE 1" = 120'                    |              |                   |
| CUT                                | FILL         | NET               |
| 21153 CU. YD                       | 17824 CU. YD | 3329 CU. YD (CUT) |
| EARTHWORK QUANTITIES ARE ESTIMATED |              |                   |



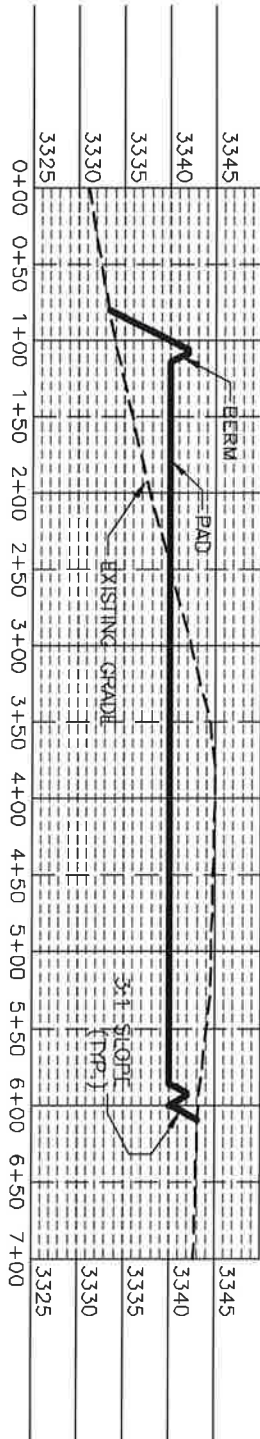
SHEET 1-2

# CROSS-SECTIONS

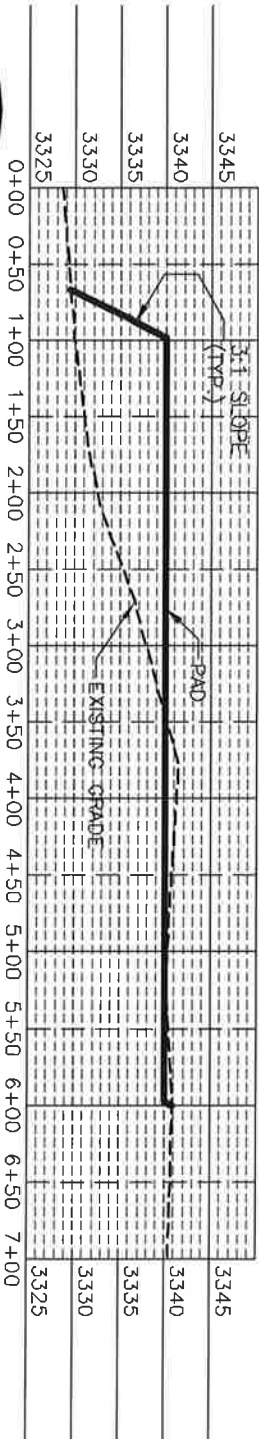
SECTION A-A'



SECTION B-B'



SECTION C-C'



I, FILMON E. JARAMILLO, NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFICATE NO. 12291, AM RESPONSIBLE FOR THIS SURVEY. THE SURVEY WAS CONDUCTED IN ACCORDANCE WITH THE BEST OF MY KNOWLEDGE AND SKILLS AND THE SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

COLCATE ENERGY LLC  
PAD GRADING AND CROSS SECTIONS  
FOR BIG BURRO 27 STATE COM 134H  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

301 SOUTH CANAL CARLSBAD, NEW MEXICO

SHEET 2-2  
SURVEY NO. 7924

|                                    |             |                   |
|------------------------------------|-------------|-------------------|
| CUT                                | FILL        | NET               |
| 2153 CU. YD                        | 1782 CU. YD | 3329 CU. YD (CUT) |
| EARTHWORK QUANTITIES ARE ESTIMATED |             |                   |

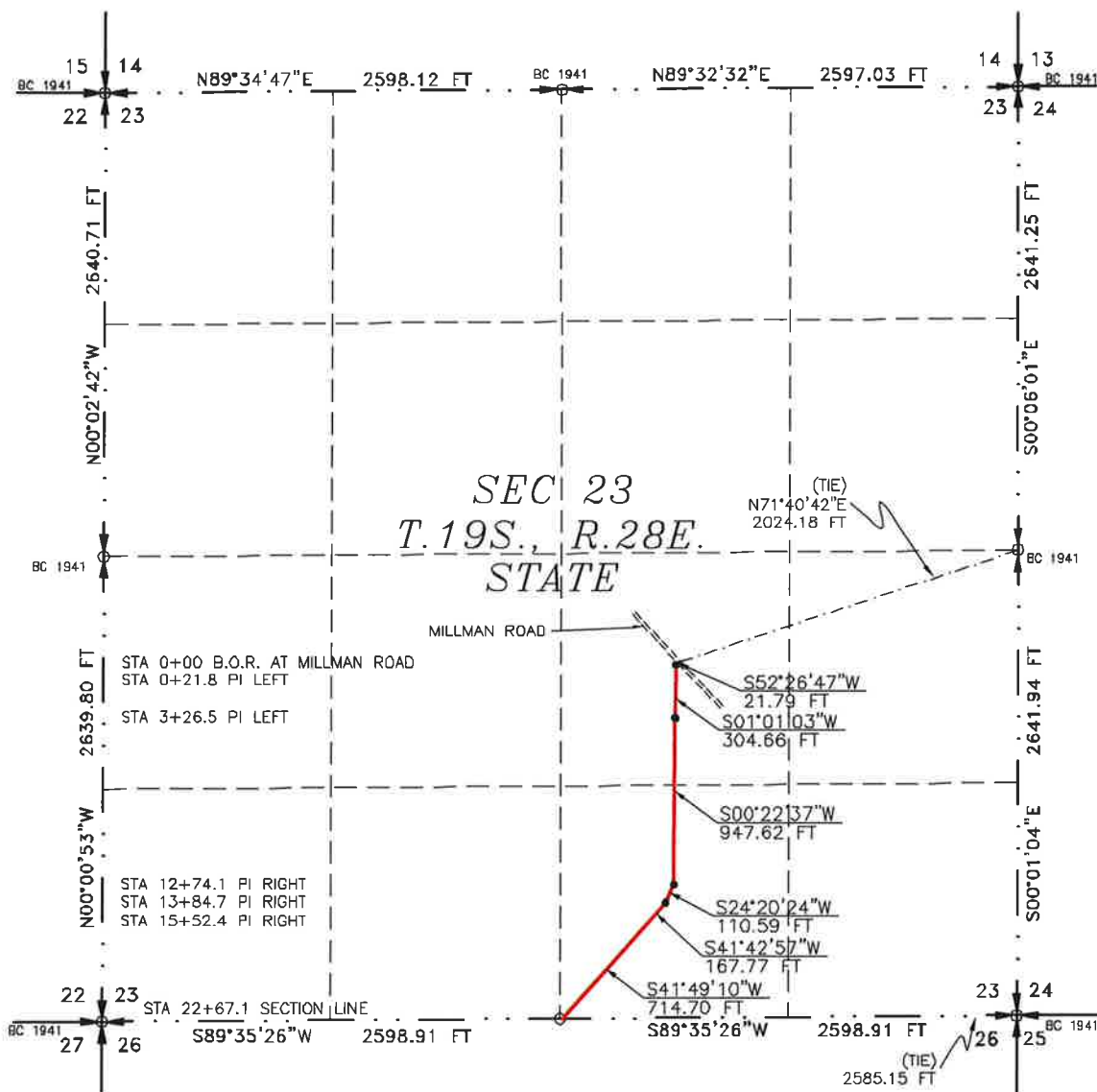
012 60 120 240  
SCALE 1" = 120' - 1" = 20' VER

# ACCESS ROAD PLAT

ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 4 (BIG BURRO 27 STATE COM 124H & 134H)

## COLGATE ENERGY LLC

CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 29, 2020



SEE NEXT SHEET (2-6) FOR DESCRIPTION



### GENERAL NOTES

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 1-6

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3341

### SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,

NEW MEXICO, THIS 29th DAY OF JANUARY 2020

FILIMON F. JARAMILLO  
12797  
MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

SURVEY NO. 7924



# ACCESS ROAD PLAT

ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 4 (BIG BURRO 27 STATE COM 124H & 134H)

## COLGATE ENERGY LLC

CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 29, 2020

### DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE NW/4 SE/4 OF SAID SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE EAST QUARTER CORNER OF SAID SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N71°40'42"E, A DISTANCE OF 2024.18 FEET;

THENCE S52°26'47"W A DISTANCE OF 21.79 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S01°01'03"W A DISTANCE OF 304.66 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S00°22'37"W A DISTANCE OF 947.62 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S24°20'24"W A DISTANCE OF 110.59 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S41°42'57"W A DISTANCE OF 167.77 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S41°49'10"W A DISTANCE OF 714.70 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTHEAST CORNER OF SAID SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N89°35'26"E, A DISTANCE OF 2585.15 FEET;

SAID STRIP OF LAND BEING 2267.13 FEET OR 137.40 RODS IN LENGTH, CONTAINING 1.561 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NW/4 SE/4 707.55 L.F. 42.88 RODS 0.487 ACRES  
SW/4 SE/4 1559.58 L.F. 94.52 RODS 1.074 ACRES

### SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 29TH DAY OF JANUARY 2020.



MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

SURVEY NO. 7924

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO

### GENERAL NOTES

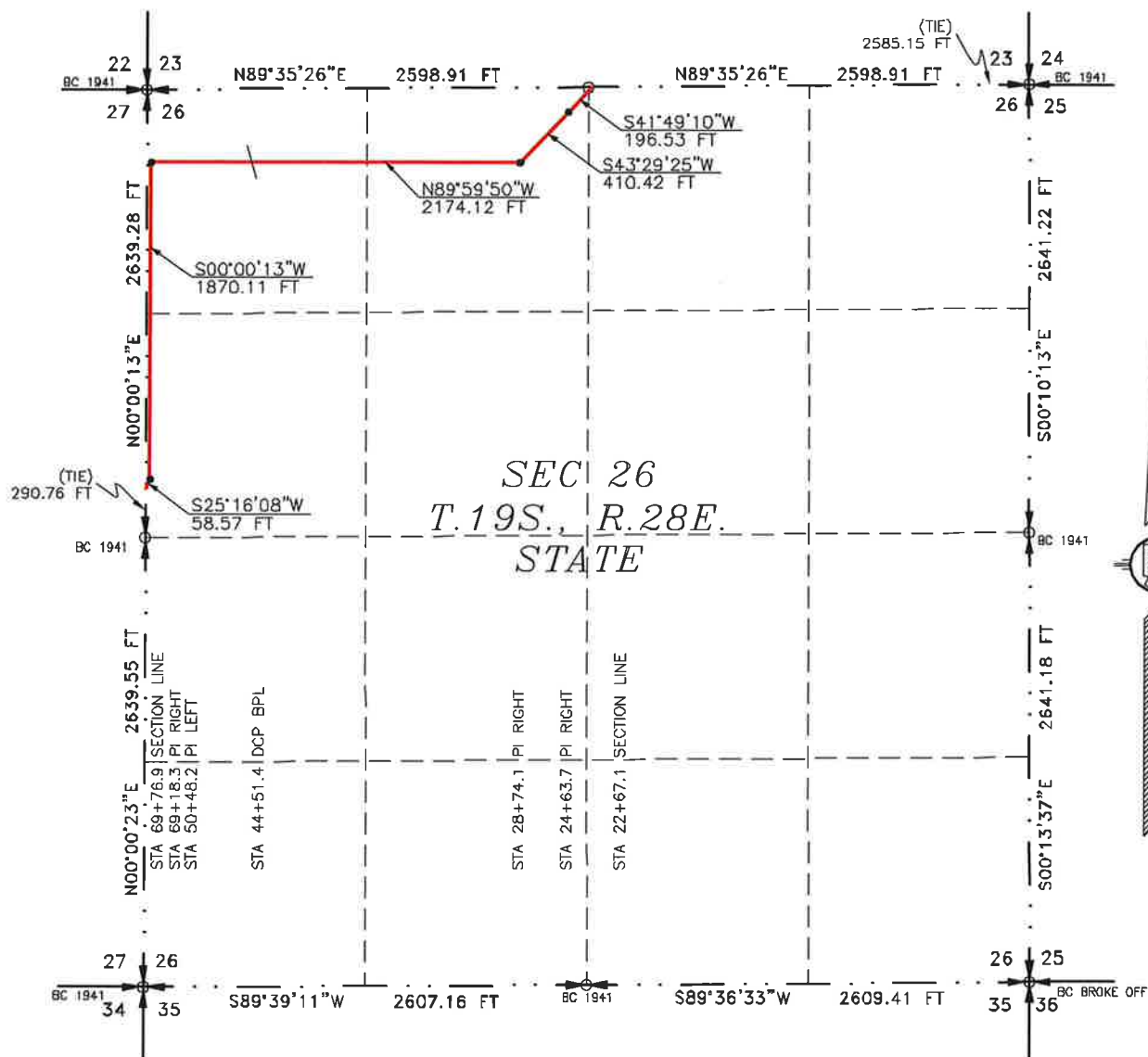
1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

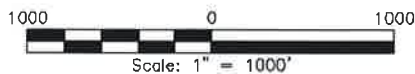
SHEET: 2-6

**ACCESS ROAD PLAT**  
ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 4 (BIG BURRO 27 STATE COM 124H & 134H)

**COLGATE ENERGY LLC**  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 29, 2020



SEE NEXT SHEET (4-6) FOR DESCRIPTION



**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 3-6**

**MADRON SURVEYING, INC.** 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3341

**SURVEYOR CERTIFICATE**

I, FILMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 29TH DAY OF JANUARY 2020.

FILMON F. JARAMILLO  
12797  
MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

**SURVEY NO. 7924**

# ACCESS ROAD PLAT

ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 4 (BIG BURRO 27 STATE COM 124H & 134H)

COLGATE ENERGY LLC  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 29, 2020

## DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE NW/4 NE/4 OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE NORTHEAST CORNER OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N89°35'26"E, A DISTANCE OF 2585.15 FEET;

THENCE S41°49'10"W A DISTANCE OF 196.53 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S43°29'25"W A DISTANCE OF 410.42 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE N89°59'50"W A DISTANCE OF 2174.12 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S00°00'13"W A DISTANCE OF 1870.11 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S25°16'08"W A DISTANCE OF 58.57 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE WEST QUARTER CORNER OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S00°00'13"W, A DISTANCE OF 290.76 FEET;

SAID STRIP OF LAND BEING 4709.75 FEET OR 285.44 RODS IN LENGTH, CONTAINING 3.244 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

|           |              |             |             |
|-----------|--------------|-------------|-------------|
| NW/4 NE/4 | 20.60 L.F.   | 1.25 RODS   | 0.014 ACRES |
| NE/4 NW/4 | 1485.72 L.F. | 90.04 RODS  | 1.023 ACRES |
| NW/4 NW/4 | 2168.77 L.F. | 131.44 RODS | 1.494 ACRES |
| SW/4 NW/4 | 1034.66 L.F. | 62.71 RODS  | 0.713 ACRES |

## SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 29TH DAY OF JANUARY 2020.

FILIMON F. JARAMILLO  
12797  
MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

## GENERAL NOTES

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 4-6

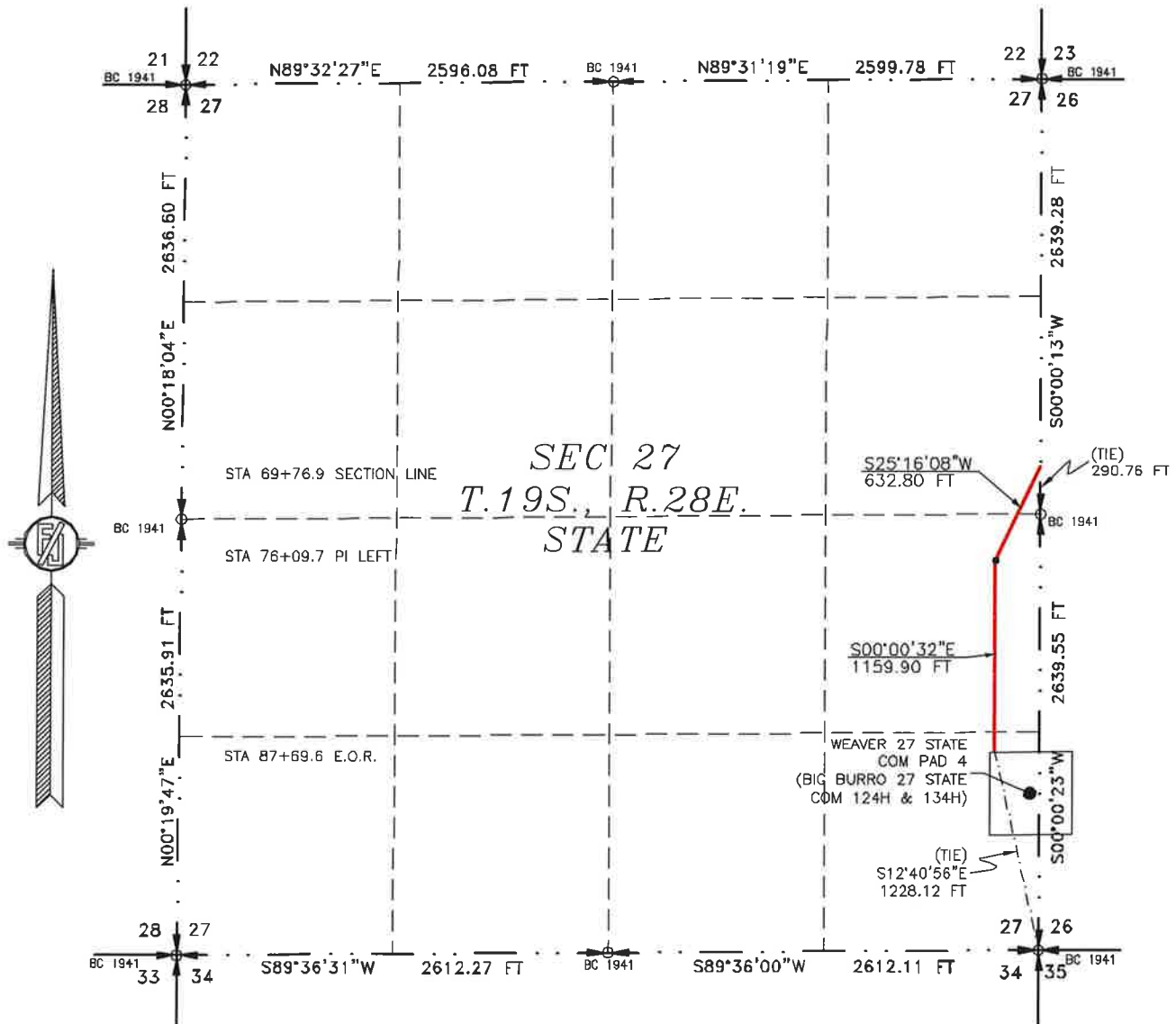
MADRON SURVEYING, INC. 301 SOUTH CANAL, CARLSBAD, NEW MEXICO (575) 234-3341

SURVEY NO. 7924



**ACCESS ROAD PLAT**  
ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 4 (BIG BURRO 27 STATE COM 124H & 134H)

**COLGATE ENERGY LLC**  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 29, 2020



SEE NEXT SHEET (6-6) FOR DESCRIPTION



**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 5-6

**MADRON SURVEYING, INC.**

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, ON THE 29th DAY OF JANUARY 2020.

MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

SURVEY NO. 7924

CARLSBAD, NEW MEXICO

## ACCESS ROAD PLAT

ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 4 (BIG BURRO 27 STATE COM 124H & 134H)

### COLGATE ENERGY LLC

CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 29, 2020

#### DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE SE/4 NE/4 OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE EAST QUARTER CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S00°00'13"W, A DISTANCE OF 290.76 FEET;

THENCE S25°16'08"W A DISTANCE OF 632.80 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S00°00'32"E A DISTANCE OF 1159.90 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTHEAST CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S12°40'56"E, A DISTANCE OF 1228.12 FEET;

SAID STRIP OF LAND BEING 1792.70 FEET OR 108.65 RODS IN LENGTH, CONTAINING 1.235 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

|           |              |            |             |
|-----------|--------------|------------|-------------|
| SE/4 NE/4 | 322.68 L.F.  | 19.56 RODS | 0.222 ACRES |
| NE/4 SE/4 | 1350.36 L.F. | 81.84 RODS | 0.930 ACRES |
| SE/4 SE/4 | 119.66 L.F.  | 7.25 RODS  | 0.082 ACRES |

#### SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, ON JANUARY 29, 2020.



MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

SURVEY NO. 7924

#### GENERAL NOTES

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 6-6

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3341

| WI OWNER (Big Burro)                       | TRACT   | NET     | WI      | FORCE POOL INTEREST |
|--|---------|---------|---------|---------------------|
| Colgate Production, LLC                    | 1, 2, 3 | 236.1   | 36.89%  | Operator            |
| CM Resources, LLC                          | 2, 3    | 33.32   | 5.21%   | No                  |
| Oxy USA                                    | 3       | 166.4   | 26.00%  | Yes                 |
| Vladin                                     | 3       | 20      | 3.13%   | No                  |
| Apache/ZPZ                                 | 3       | 80      | 12.50%  | Yes                 |
| Fasken Acquisitions 02, Ltd                | 2       | 38      | 5.94%   | Yes                 |
| Glenrock Capital, LLC                      | 2       | 20.5556 | 3.21%   | Yes                 |
| WPX  | 3       | 6.4     | 1.00%   | Yes                 |
| Crown Oil Partners / Crump Energy Partners | 2       | 20      | 3.13%   | Yes                 |
| RSC Resources                              | 1, 2    | 8.977   | 1.40%   | No                  |
| Nightengale Petroleum Properties           | 2       | 0.4     | 0.06%   | Yes                 |
| Warwick-Artemis                            | 3       | 7.22    | 1.13%   | Yes                 |
| Dale Smith                                 | 1       | 1.3144  | 0.21%   | Yes                 |
| Ellen Bivins                               | 1       | 1.3144  | 0.21%   | Yes                 |
|  |         | 640.00  | 100.00% |                     |







**Lynda James**  
General Manager  
Finance and Personnel  
and Controller

**Tommy E. Taylor**  
Assistant General Manager  
Director of  
Oil and Gas Development

**Charles F. Hedges, Jr.**  
Director of Real Estate  
Development  
and General Counsel

**Jimmy W. Davis, Jr.**  
Director of  
Oil and Gas Operations

**Mike Barnett**  
Surface Properties Manager

**Dexter L. Harmon**  
Exploration Manager

**Sally M. Kvasnicka**  
Land Manager

**Sean N. McDaniel**  
Investment Manager

**Sheila Payne**  
Marketing Manager

**Travis White**  
Engineering Manager

**Deborah Williams**  
Human Resources Manager

August 5, 2020

Colgate Operating, LLC  
300 North Marienfeld Street  
Suite 1000  
Midland, TX 79701

Re: Compulsory Pooling Cases 21078, 21079, 21239  
Eddy County, New Mexico

Gentlemen:

Please let this letter serve as notice that Fasken Land and Minerals, Ltd. supports Colgate Operating, LLC's Plan of Development as set forth in the above referenced cases.

Sincerely,

  
Sally M. Kvasnicka  
Land Manager

### Weaver 27/Big Burro 27 Communication Timeline

**October/November 2019** – Initial proposals sent for the Big Burro 27 State and Weaver 27.

**December 2019** – Sent updated proposals for well detail update.

**December 2020** – COG sent proposals in the event Marbob/Pitch conveyed their interest to COG.

**January 2020** – Vladin agrees to participate in the Big Burro wells.

**March-July 2020** – Various conversations with COG regarding attempts to trade or participate. Title issues arose as to whether COG acquired Pitch/Marbob's interest.

**March 2020** – RSC Resources has agreed to participate and has executed an Operating Agreement for both units.

**March 2020** – Communications with WPX resulted in the request for a cash offer from Colgate. WPX declined to further entertain cash offers once the pandemic hit.

**March – August 2020** – Various in person meetings, phone calls and email discussions with Apache to attempt to resolve this via trade or other options. Trades were not technically or logistically viable at this time given the respective acreage locations of each party.

**February to August 2020** – Various negotiations with Fasken regarding their interest. Agreement to participate reached. Currently finalizing JOA with Fasken. Fasken has provided a letter in support of Colgate in the interim.

**March - July 2020** – Various in person and other communications with Crown/Crump regarding acquiring their interest in the units. To date they have not made a decision as to whether they want to participate or divest.

**May - August 2020** – Actively conducting negotiations with Oxy with a mutually agreeable resolution expected in the very near term.

**July 2020** – Provided cash offer to acquire Apache's interest.

**July 20, 2020** – As of this date several parties have not yet executed an OA, responded or made a decision regarding cash decisions.





Via Certified Mail

December 6, 2019

Fasken Acquisitions 02, Ltd.  
6101 Holiday Hill Road  
Midland, Texas 79701

RE: Big Burro 27 State Com Well Proposals  
S/2 of Sec. 27 and S/2 Sec. 28 T19S-28E, Bone Spring Formation  
Eddy County, New Mexico

Based on planning changes, Colgate Production, LLC ("Colgate"), hereby proposes the drilling of four (4) wells, the Big Burro 27 State Com 123H, 124H, 133H, and 134H at the following revised locations. Please note this proposal updates the proposal previously sent.

Big Burro 27 State Com 123H  
SHL: 660' FSL and 300' FEL of Section 27-19S-28E  
BHL: 1650' FSL and 100' FWL of Section 28-19S-28E  
TVD: 7,495'  
TMD: 17,249'  
Targeted Interval: 2<sup>nd</sup> Bone Spring  
Total Cost: See AFE from previous proposal

Big Burro 27 State Com 124H  
SHL: 660' FSL and 300' FEL of Section 27-19S-28E  
BHL: 330' FSL and 100' FWL of Section 28-19S-28E  
TVD: 7,515'  
TMD: 17,269'  
Targeted Interval: 2<sup>nd</sup> Bone Spring  
Total Cost: See AFE from previous proposal

Big Burro 27 State Com 133H  
SHL: 1000' FSL and 50' FEL of Section 27-19S-28E  
BHL: 1750' FSL and 100' FWL of Section 28-19S-28E  
TVD: 8,650'  
TMD: 18,404'  
Targeted Interval: 3<sup>rd</sup> Bone Spring  
Total Cost: See AFE from previous proposal

Big Burro 27 State Com 134H  
SHL: 950' FSL and 50' FEL of Section 27-19S-28E  
BHL: 430' FSL and 100' FWL of Section 28-19S-28E  
TVD: 8,660'  
TMD: 18,414'  
Targeted Interval: 3<sup>rd</sup> Bone Spring  
Total Cost: See AFE from previous proposal

The locations and targets are approximate and subject to change depending on surface or subsurface issues encountered. Colgate is proposing to drill these wells under the modified terms of the 1989 AAPL Operating Agreement and a form of said Operating Agreement will be forwarded to you following your receipt of this proposal. The Operating Agreement will have the following general provisions:

- 100%/300%/300% non-consent provisions
- \$8,000/\$800 drilling and producing rates
- Colgate Operating, LLC named as Operator

Please indicate your election to participate in the drilling and completion of the proposed wells in the space provided below. Please sign and return one copy of this letter, a signed copy of the previously proposed AFE, and your geologic well requirements.

Colgate will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into a spacing unit for the proposed well, should we not reach an agreement within 30 days of the date of this letter. If you do not wish to participate Colgate would be interested in acquiring your interest in the subject lands.

If you have any questions regarding this matter, please give me a call at 432-257-3886 or via email at [mhajdik@colgateenergy.com](mailto:mhajdik@colgateenergy.com).

Sincerely,



Mark Hajdik  
Senior Landman

MH  
Enclosures

Well Elections

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\_\_\_\_\_ I/We hereby elect to participate in the Big Burro 27 State Com 123H.  
\_\_\_\_\_ I/We hereby elect NOT to participate in the Big Burro 27 State Com 123H.

\_\_\_\_\_ I/We hereby elect to participate in the Big Burro 27 State Com 124H.  
\_\_\_\_\_ I/We hereby elect NOT to participate in the Big Burro 27 State Com 124H.

\_\_\_\_\_ I/We hereby elect to participate in the Big Burro 27 State Com 133H.  
\_\_\_\_\_ I/We hereby elect NOT to participate in the Big Burro 27 State Com 133H.

\_\_\_\_\_ I/We hereby elect to participate in the Big Burro 27 State Com 134H.  
\_\_\_\_\_ I/We hereby elect NOT to participate in the Big Burro 27 State Com 134H.

Fasken Acquisitions 02, Ltd.  
6101 Holiday Hill Road  
Midland, Texas 79701



# Colgate Energy

303 W. Wall St., Midland TX 79701  
Phone (432) 695-4257 • Fax (432) 695-4063

## ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

|                  |                             |                  |              |
|------------------|-----------------------------|------------------|--------------|
| DATE:            | 10/29/2019                  | AFE NO.:         | 0            |
| WELL NAME:       | Big Burro 27 State Com 123H | FIELD:           | 0            |
| LOCATION:        | NM                          | MD/FVD:          | 17249 / 7495 |
| COUNTY/STATE:    | Eddy                        | LATERAL LENGTH:  | 9,427        |
| Colgate WI:      |                             | DRILLING DAYS:   | 30           |
| GEOLOGIC TARGET: | 2nd Bone Spring             | COMPLETION DAYS: | 17           |

REMARKS: Drill and Complete 63 stages in the 2nd Bone Spring formation. AFE includes D&C, flowback & initial ESP install.

| INTANGIBLE COSTS                    | DRILLING COSTS   | COMPLETION COSTS | PRODUCTION COSTS | TOTAL COSTS      |
|-------------------------------------|------------------|------------------|------------------|------------------|
| 1 Land / Legal / Regulatory         | \$ 35,000        | \$ -             | \$ -             | \$ 35,000        |
| 2 Location, Surveys & Damages       | 220,000          | 13,000           | 4,000            | 237,000          |
| 4 Freight / Transportation          | 25,000           | 53,250           | -                | 78,250           |
| 5 Rental - Surface Equipment        | 106,863          | 207,600          | 12,000           | 326,463          |
| 6 Rental - Downhole Equipment       | 129,831          | 50,000           | -                | 179,831          |
| 7 Rental - Living Quarters          | 58,788           | 44,900           | 10,000           | 113,688          |
| 10 Directional Drilling, Surveys    | 294,300          | -                | -                | 294,300          |
| 11 Drilling                         | 837,370          | -                | -                | 837,370          |
| 12 Drill Bits                       | 106,000          | -                | -                | 106,000          |
| 13 Fuel & Power                     | 173,250          | 472,500          | -                | 645,750          |
| 14 Cementing & Float Equip          | 180,000          | -                | -                | 180,000          |
| 16 Perforating, Wireline, Slickline | -                | 459,100          | 20,000           | 479,100          |
| 17 High Pressure Pump Truck         | -                | 10,000           | -                | 10,000           |
| 18 Completion Unit, Swab, CTU       | -                | 70,000           | 16,500           | 86,500           |
| 20 Mud Circulation System           | 90,005           | -                | -                | 90,005           |
| 21 Mud Logging                      | 24,190           | -                | -                | 24,190           |
| 22 Logging / Formation Evaluation   | 15,300           | 8,000            | -                | 23,300           |
| 23 Mud & Chemicals                  | 277,622          | 444,100          | -                | 721,722          |
| 24 Water                            | 25,500           | 804,744          | -                | 830,244          |
| 25 Stimulation                      | -                | 2,079,000        | -                | 2,079,000        |
| 26 Stimulation Flowback & Disp      | -                | 143,000          | -                | 143,000          |
| 28 Mud / Wastewater Disposal        | 104,375          | 221,000          | -                | 325,375          |
| 30 Rig Supervision / Engineering    | 132,900          | 84,800           | 8,000            | 225,700          |
| 32 Drig & Completion Overhead       | 11,250           | -                | -                | 11,250           |
| 35 Labor                            | 141,000          | 12,500           | 10,000           | 163,500          |
| 95 Insurance                        | 31,048           | -                | -                | 31,048           |
| 97 Contingency                      | 301,959          | 413,799          | 8,050            | 723,809          |
| 99 Plugging & Abandonment           | -                | -                | -                | -                |
| <b>TOTAL INTANGIBLES &gt;</b>       | <b>3,321,551</b> | <b>5,591,293</b> | <b>88,550</b>    | <b>9,001,394</b> |

| TANGIBLE COSTS                      | DRILLING COSTS   | COMPLETION COSTS | PRODUCTION COSTS | TOTAL COSTS      |
|-------------------------------------|------------------|------------------|------------------|------------------|
| 60 Surface Casing                   | \$ 15,034        | \$ -             | \$ -             | \$ 15,034        |
| 61 Intermediate Casing              | 89,448           | -                | -                | 89,448           |
| 62 Drilling Liner                   | -                | -                | -                | -                |
| 63 Production Casing                | 280,986          | -                | -                | 280,986          |
| 64 Production Liner                 | -                | -                | -                | -                |
| 65 Tubing                           | -                | -                | 60,648           | 60,648           |
| 66 Wellhead                         | 77,000           | -                | 75,000           | 152,000          |
| 67 Packers, Liner Hangers           | 26,000           | -                | -                | 26,000           |
| 68 Tanks                            | -                | -                | 80,000           | 80,000           |
| 69 Production Vessels               | -                | -                | 125,000          | 125,000          |
| 70 Flow Lines                       | -                | -                | -                | -                |
| 71 Rod string                       | -                | -                | -                | -                |
| 72 Artificial Lift Equipment        | -                | -                | 95,000           | 95,000           |
| 73 Compressor                       | -                | -                | -                | -                |
| 74 Installation Costs               | -                | -                | 67,000           | 67,000           |
| 75 Surface Pumps                    | -                | -                | -                | -                |
| 76 Downhole Pumps                   | -                | -                | -                | -                |
| 77 Measurement & Meter Installation | -                | -                | -                | -                |
| 78 Gas Conditioning / Dehydration   | -                | -                | -                | -                |
| 79 Interconnecting Facility Piping  | -                | -                | -                | -                |
| 80 Gathering / Bulk Lines           | -                | -                | -                | -                |
| 81 Valves, Dumps, Controllers       | -                | -                | -                | -                |
| 82 Tank / Facility Containment      | -                | -                | -                | -                |
| 83 Flare Stack                      | -                | -                | -                | -                |
| 84 Electrical / Grounding           | -                | -                | -                | -                |
| 85 Communications / SCADA           | -                | -                | -                | -                |
| 86 Instrumentation / Safety         | -                | -                | -                | -                |
| <b>TOTAL TANGIBLES &gt;</b>         | <b>488,468</b>   | <b>0</b>         | <b>502,648</b>   | <b>991,116</b>   |
| <b>TOTAL COSTS &gt;</b>             | <b>3,810,019</b> | <b>5,591,293</b> | <b>591,198</b>   | <b>9,992,510</b> |

### PREPARED BY Colgate Energy:

Drilling Engineer: Rafael Madrid  
Completions Engineer: Brady Adams  
Production Engineer: Brady Adams

CRM

### Colgate Energy APPROVAL:

Co-CEO WH Co-CEO JW VP - Operations CRM  
VP - Land & Legal BG VP - Geosciences SC

### NON OPERATING PARTNER APPROVAL:

Company Name: Working Interest (%): Tax ID:  
Signed by: Date:  
Title: Approval: ☐ Yes ☐ No (mark one)

The costs herein AFE are estimates only and are not to be construed as binding on any operator prior to the end of the project. Existing modifications approved under the AFE may be deleted up to a year after the well has been cased. In estimating this AFE, the Participant agrees to pay no particular share of shared costs incurred, including, but not limited to, regulatory, brokerage and well costs under the terms of the applicable joint operating agreement, regulatory or other agreement covering this well. Participants shall be deemed to have approved and held participants jointly and severally for Operator's well control and general liability insurance unless participant provides Operator a certificate evidencing no insurance or no amount acceptable written by the date of sign.

# Colgate Energy

303 W. Wall St., Midland TX 79701  
Phone (432) 695-4257 • Fax (432) 695-4063

## ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

|                  |                             |                  |              |
|------------------|-----------------------------|------------------|--------------|
| DATE:            | 10/29/2019                  | AFE NO.:         | 0            |
| WELL NAME:       | Big Burro 27 State Com 124H | FIELD:           | 0            |
| LOCATION:        | NM                          | MD/FVD:          | 17269 / 7515 |
| COUNTY/STATE:    | Eddy                        | LATERAL LENGTH:  | 9,427        |
| Colgate WI:      |                             | DRILLING DAYS:   | 30           |
| GEOLOGIC TARGET: | 2nd Bone Spring             | COMPLETION DAYS: | 17           |

REMARKS: Drill and Complete 63 stages in the 2nd Bone Spring formation. AFE includes D&C, flowback & initial ESP install.

| INTANGIBLE COSTS                    | DRILLING COSTS   | COMPLETION COSTS | PRODUCTION COSTS | TOTAL COSTS      |
|-------------------------------------|------------------|------------------|------------------|------------------|
| 1 Land / Legal / Regulatory         | \$ 35,000        |                  |                  | \$ 35,000        |
| 2 Location, Surveys & Damages       | 220,000          | 13,000           | 4,000            | 237,000          |
| 4 Freight / Transportation          | 25,000           | 53,250           |                  | 78,250           |
| 5 Rental - Surface Equipment        | 106,863          | 202,600          | 12,000           | 321,463          |
| 6 Rental - Downhole Equipment       | 129,831          | 50,000           |                  | 179,831          |
| 7 Rental - Living Quarters          | 58,788           | 44,900           | 10,000           | 113,688          |
| 10 Directional Drilling, Surveys    | 294,300          |                  |                  | 294,300          |
| 11 Drilling                         | 837,370          |                  |                  | 837,370          |
| 12 Drill Bits                       | 106,000          |                  |                  | 106,000          |
| 13 Fuel & Power                     | 173,250          | 472,500          |                  | 645,750          |
| 14 Cementing & Float Equip          | 180,000          |                  |                  | 180,000          |
| 16 Perforating, Wireline, Slickline |                  | 459,100          | 20,000           | 479,100          |
| 17 High Pressure Pump Truck         |                  | 10,000           |                  | 10,000           |
| 18 Completion Unit, Swab, CTU       |                  | 70,000           | 16,300           | 86,300           |
| 20 Mud Circulation System           | 90,005           |                  |                  | 90,005           |
| 21 Mud Logging                      | 24,190           |                  |                  | 24,190           |
| 22 Logging / Formation Evaluation   | 15,300           | 8,000            |                  | 23,300           |
| 23 Mud & Chemicals                  | 277,822          | 444,100          |                  | 721,922          |
| 24 Water                            | 25,300           | 804,744          |                  | 830,044          |
| 25 Stimulation                      |                  | 2,079,000        |                  | 2,079,000        |
| 26 Stimulation Flowback & Disposal  |                  | 143,000          |                  | 143,000          |
| 28 Mud / Wastewater Disposal        | 104,375          | 221,000          |                  | 325,375          |
| 30 Rig Supervision / Engineering    | 132,900          | 84,800           | 8,000            | 225,700          |
| 32 Drig & Completion Overhead       | 11,250           |                  |                  | 11,250           |
| 35 Labor                            | 141,000          | 12,500           | 10,000           | 163,500          |
| 95 Insurance                        | 31,084           |                  |                  | 31,084           |
| 97 Contingency                      | 301,983          | 413,799          | 8,050            | 723,832          |
| 99 Plugging & Abandonment           |                  |                  |                  |                  |
| <b>TOTAL INTANGIBLES &gt;</b>       | <b>3,321,810</b> | <b>5,591,293</b> | <b>88,550</b>    | <b>9,001,654</b> |

| TANGIBLE COSTS                      | DRILLING COSTS   | COMPLETION COSTS | PRODUCTION COSTS | TOTAL COSTS      |
|-------------------------------------|------------------|------------------|------------------|------------------|
| 60 Surface Casing                   | \$ 15,014        |                  |                  | \$ 15,014        |
| 61 Intermediate Casing              | 89,418           |                  |                  | 89,418           |
| 62 Drilling Liner                   |                  |                  |                  |                  |
| 63 Production Casing                | 281,312          |                  |                  | 281,312          |
| 64 Production Liner                 |                  |                  |                  |                  |
| 65 Tubing                           |                  |                  | 603,648          | 603,648          |
| 66 Wellhead                         | 77,000           |                  | 75,000           | 152,000          |
| 67 Packers, Liner Hangers           | 26,000           |                  |                  | 26,000           |
| 68 Tanks                            |                  |                  | 80,000           | 80,000           |
| 69 Production Vessels               |                  |                  | 125,000          | 125,000          |
| 70 Flow Lines                       |                  |                  |                  |                  |
| 71 Rod string                       |                  |                  |                  |                  |
| 72 Artificial Lift Equipment        |                  |                  | 95,000           | 95,000           |
| 73 Compressor                       |                  |                  |                  |                  |
| 74 Installation Costs               |                  |                  | 67,000           | 67,000           |
| 75 Surface Pumps                    |                  |                  |                  |                  |
| 76 Downhole Pumps                   |                  |                  |                  |                  |
| 77 Measurement & Meter Installation |                  |                  |                  |                  |
| 78 Gas Conditioning / Dehydration   |                  |                  |                  |                  |
| 79 Interconnecting Facility Piping  |                  |                  |                  |                  |
| 80 Gathering / Bulk Lines           |                  |                  |                  |                  |
| 81 Valves, Dumps, Controllers       |                  |                  |                  |                  |
| 82 Tank / Facility Containment      |                  |                  |                  |                  |
| 83 Flare Stack                      |                  |                  |                  |                  |
| 84 Electrical / Grounding           |                  |                  |                  |                  |
| 85 Communications / SCADA           |                  |                  |                  |                  |
| 86 Instrumentation / Safety         |                  |                  |                  |                  |
| <b>TOTAL TANGIBLES &gt;</b>         | <b>488,794</b>   | <b>0</b>         | <b>502,648</b>   | <b>991,442</b>   |
| <b>TOTAL COSTS &gt;</b>             | <b>3,810,604</b> | <b>5,591,293</b> | <b>591,198</b>   | <b>9,993,095</b> |

### PREPARED BY Colgate Energy:

|                       |               |     |
|-----------------------|---------------|-----|
| Drilling Engineer:    | Rafael Madrid |     |
| Completions Engineer: | Brady Adams   | CRM |
| Production Engineer:  | Brady Adams   |     |

### Colgate Energy APPROVAL:

|                   |    |                  |    |                 |     |
|-------------------|----|------------------|----|-----------------|-----|
| Co-CEO            | WH | Co-CEO           | JW | VP - Operations | CRM |
| VP - Land & Legal | BC | VP - Geosciences | SG |                 |     |

### NON OPERATING PARTNER APPROVAL:

|               |  |                       |   |         |  |
|---------------|--|-----------------------|---|---------|--|
| Company Name: |  | Working Interest (%): |   | Tax ID: |  |
| Signed by:    |  | Date:                 |   |         |  |
| Title:        |  | Approval:             | <input type="checkbox"/> Yes <input type="checkbox"/> No (mark one) |         |  |

The terms of this AFE are intended to be a non-binding agreement on any specific date or the full term of the project. This AFE may be delayed or revised at any time after the well has been completed. By executing this AFE, the Participant agrees to its representation and/or its obligations, including, but not limited to, regulatory, insurance and well control at the time of the approval of the operating agreement, regulatory rules at the time of approval, and well control. Participants shall be bound by and held responsible for the Operator's well control and general liability insurance policy. Participants shall be bound by and held responsible for the Operator's well control and general liability insurance policy. Participants shall be bound by and held responsible for the Operator's well control and general liability insurance policy.

# Colgate Energy

303 W. Wall St., Midland TX 79701

Phone (432) 695-4257 • Fax (432) 695-4063

## ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

|                  |                             |                  |              |
|------------------|-----------------------------|------------------|--------------|
| DATE:            | 10/29/2019                  | AFE NO.:         | 0            |
| WELL NAME:       | Big Burro 27 State Com 133H | FIELD:           | 0            |
| LOCATION:        | NM                          | MD/TVD:          | 18404 / 8650 |
| COUNTY/STATE:    | Eddy                        | LATERAL LENGTH:  | 9,427        |
| Colgate WI:      |                             | DRILLING DAYS:   | 30           |
| GEOLOGIC TARGET: | 3rd Bone Spring             | COMPLETION DAYS: | 17           |

REMARKS: Drill and Complete 63 stages in the 3rd Bone Spring formation. AFE includes D&C, flowback & initial ESP install.

| INTANGIBLE COSTS                    | DRILLING COSTS   | COMPLETION COSTS | PRODUCTION COSTS | TOTAL COSTS      |
|-------------------------------------|------------------|------------------|------------------|------------------|
| 1 Land / Legal / Regulatory         | \$ 35,000        | \$ -             | \$ -             | \$ 35,000        |
| 2 Location, Surveys & Damages       | 220,000          | 13,000           | 4,000            | 237,000          |
| 4 Freight / Transportation          | 23,000           | 33,750           | -                | 56,750           |
| 5 Rental - Surface Equipment        | 106,863          | 209,400          | 12,000           | 328,263          |
| 6 Rental - Downhole Equipment       | 144,171          | 60,000           | -                | 204,171          |
| 7 Rental - Living Quarters          | 58,788           | 43,700           | 10,000           | 114,488          |
| 10 Directional Drilling, Surveys    | 294,300          | -                | -                | 294,300          |
| 11 Drilling                         | 835,330          | -                | -                | 835,330          |
| 12 Drill Bits                       | 106,000          | -                | -                | 106,000          |
| 13 Fuel & Power                     | 173,250          | 472,500          | -                | 645,750          |
| 14 Cementing & Float Equip          | 180,000          | -                | -                | 180,000          |
| 16 Perforating, Wireline, Slickline | -                | 459,100          | 20,000           | 479,100          |
| 17 High Pressure Pump Truck         | -                | 10,000           | -                | 10,000           |
| 18 Completion Unit, Swab, CTU       | -                | 140,000          | 16,500           | 156,500          |
| 20 Mud Circulation System           | 88,605           | -                | -                | 88,605           |
| 21 Mud Logging                      | 21,810           | -                | -                | 21,810           |
| 22 Logging / Formation Evaluation   | 11,900           | 8,000            | -                | 19,900           |
| 23 Mud & Chemicals                  | 272,672          | 464,100          | -                | 736,772          |
| 24 Water                            | 25,500           | 804,744          | -                | 830,244          |
| 25 Stimulation                      | -                | 2,079,000        | -                | 2,079,000        |
| 26 Stimulation Flowback & Disp      | -                | 152,000          | -                | 152,000          |
| 28 Mud / Wastewater Disposal        | 104,375          | 221,000          | -                | 325,375          |
| 30 Rig Supervision / Engineering    | 132,900          | 88,000           | 8,000            | 228,900          |
| 32 Drig & Completion Overhead       | 11,250           | -                | -                | 11,250           |
| 35 Labor                            | 141,000          | 12,500           | 10,000           | 163,500          |
| 95 Insurance                        | 33,127           | -                | -                | 33,127           |
| 97 Contingency                      | 302,184          | 425,329          | 8,050            | 735,563          |
| 99 Plugging & Abandonment           | -                | -                | -                | -                |
| <b>TOTAL INTANGIBLES &gt;</b>       | <b>3,324,025</b> | <b>5,718,123</b> | <b>88,550</b>    | <b>9,130,698</b> |

| TANGIBLE COSTS                      | DRILLING COSTS   | COMPLETION COSTS | PRODUCTION COSTS | TOTAL COSTS       |
|-------------------------------------|------------------|------------------|------------------|-------------------|
| 60 Surface Casing                   | \$ 15,034        | \$ -             | \$ -             | \$ 15,034         |
| 61 Intermediate Casing              | 225,348          | -                | -                | 225,348           |
| 62 Drilling Liner                   | -                | -                | -                | -                 |
| 63 Production Casing                | 299,801          | -                | -                | 299,801           |
| 64 Production Liner                 | -                | -                | -                | -                 |
| 65 Tubing                           | -                | -                | 60,648           | 60,648            |
| 66 Wellhead                         | 77,000           | -                | 75,000           | 152,000           |
| 67 Packers, Liner Hangers           | 26,000           | -                | -                | 26,000            |
| 68 Tanks                            | -                | -                | 80,000           | 80,000            |
| 69 Production Vessels               | -                | -                | 125,000          | 125,000           |
| 70 Flow Lines                       | -                | -                | -                | -                 |
| 71 Rod string                       | -                | -                | -                | -                 |
| 72 Artificial Lift Equipment        | -                | -                | 95,000           | 95,000            |
| 73 Compressor                       | -                | -                | -                | -                 |
| 74 Installation Costs               | -                | -                | 67,000           | 67,000            |
| 75 Surface Pumps                    | -                | -                | -                | -                 |
| 76 Downhole Pumps                   | -                | -                | -                | -                 |
| 77 Measurement & Meter Installation | -                | -                | -                | -                 |
| 78 Gas Conditioning / Dehydration   | -                | -                | -                | -                 |
| 79 Interconnecting Facility Piping  | -                | -                | -                | -                 |
| 80 Gathering / Bulk Lines           | -                | -                | -                | -                 |
| 81 Valves, Dumps, Controllers       | -                | -                | -                | -                 |
| 82 Tank / Facility Containment      | -                | -                | -                | -                 |
| 83 Flare Stack                      | -                | -                | -                | -                 |
| 84 Electrical / Grounding           | -                | -                | -                | -                 |
| 85 Communications / SCADA           | -                | -                | -                | -                 |
| 86 Instrumentation / Safety         | -                | -                | -                | -                 |
| <b>TOTAL TANGIBLES &gt;</b>         | <b>643,183</b>   | <b>0</b>         | <b>502,648</b>   | <b>1,145,831</b>  |
| <b>TOTAL COSTS &gt;</b>             | <b>3,967,207</b> | <b>5,718,123</b> | <b>591,198</b>   | <b>10,276,529</b> |

### PREPARED BY Colgate Energy:

|                       |               |     |
|-----------------------|---------------|-----|
| Drilling Engineer:    | Rafael Madrid | CRM |
| Completions Engineer: | Brady Adams   |     |
| Production Engineer:  | Brady Adams   |     |

### Colgate Energy APPROVAL:

|                   |    |                  |    |                 |     |
|-------------------|----|------------------|----|-----------------|-----|
| Co-CEO            | WH | Co-CEO           | JW | VP - Operations | CRM |
| VP - Land & Legal | BC | VP - Geosciences | SC |                 |     |

### NON OPERATING PARTNER APPROVAL:

|               |   |         |
|---------------|---|---------|
| Company Name: | Working Interest (%):   | Tax ID: |
| Signed by:    | Date:   |         |
| Title:        | Approval: <input type="checkbox"/> Yes <input type="checkbox"/> No (mark one) |         |

The above surface AFE is submitted only and does not constitute an agreement on any operations from the land unit of the project. Taking operations approval under the AFE may be subject to a review after the well has been completed. By submitting this AFE, the Company agrees to pay for operations related to the well, including, but not limited to, regulatory, engineering and well costs under the terms of the applicable joint operating agreement, regulatory order or other agreement covering the well. Participants shall be covered by and billed proportionately for Operator's well control and general liability insurance unless participant provides Operator's certificate evidencing the coverage to be accepted by the Operator by the date of sign.



303 W. Wall St., Midland TX 79701  
Phone (432) 695-4257 • Fax (432) 695-4063

| SUMMARY OF COSTS AND AMORTIZATION FOR EXPENDITURE |                             |                  |              |
|---|-----------------------------|------------------|--------------|
| DATE:   | 10/29/2019                  | AFE NO.:         | 0            |
| WELL NAME:  | Big Burro 27 State Com 134H | FIELD:           | 0            |
| LOCATION:   | NM                          | MD/TVD:          | 18414 / 8660 |
| COUNTY/STATE:                                     | Eddy                        | LATERAL LENGTH:  | 9,427        |
| Colgate WI:                                       |                             | DRILLING DAYS:   | 30           |
| GEOLOGIC TARGET:                                  | 3rd Bone Spring             | COMPLETION DAYS: | 17           |

| INTANGIBLE COSTS                    | DRILLING COSTS   | COMPLETION COSTS | PRODUCTION COSTS | TOTAL COSTS      |
|-------------------------------------|------------------|------------------|------------------|------------------|
| 1 Land / Legal / Regulatory         | \$ 35,000        | \$ -             | \$ -             | \$ 35,000        |
| 2 Location, Surveys & Damages       | 220,000          | 13,000           | 4,000            | 237,000          |
| 4 Freight / Transportation          | 25,000           | 53,750           | -                | 78,750           |
| 5 Rental - Surface Equipment        | 106,863          | 209,400          | 12,000           | 328,263          |
| 6 Rental - Downhole Equipment       | 144,171          | 60,000           | -                | 204,171          |
| 7 Rental - Living Quarters          | 58,788           | 45,700           | 10,000           | 114,488          |
| 10 Directional Drilling, Surveys    | 294,300          | -                | -                | 294,300          |
| 11 Drilling                         | 835,330          | -                | -                | 835,330          |
| 12 Drill Bits                       | 106,000          | -                | -                | 106,000          |
| 13 Fuel & Power                     | 173,250          | 472,500          | -                | 645,750          |
| 14 Cementing & Float Equip          | 180,000          | -                | -                | 180,000          |
| 16 Perforating, Wireline, Slickline | -                | 459,100          | 20,000           | 479,100          |
| 17 High Pressure Pump Truck         | -                | 10,000           | -                | 10,000           |
| 18 Completion Unit, Swab, CTU       | -                | 140,000          | 16,500           | 156,500          |
| 20 Mud Circulation System           | 88,605           | -                | -                | 88,605           |
| 21 Mud Logging                      | 21,810           | -                | -                | 21,810           |
| 22 Logging / Formation Evaluation   | 11,900           | 8,000            | -                | 19,900           |
| 23 Mud & Chemicals                  | 272,772          | 464,100          | -                | 736,872          |
| 24 Water                            | 25,500           | 804,744          | -                | 830,244          |
| 25 Stimulation                      | -                | 2,079,000        | -                | 2,079,000        |
| 26 Stimulation Flowback & Disp      | -                | 152,000          | -                | 152,000          |
| 28 Mud / Wastewater Disposal        | 104,375          | -                | -                | 325,375          |
| 30 Rig Supervision / Engineering    | 132,900          | 88,000           | 8,000            | 228,900          |
| 32 Drlg & Completion Overhead       | 11,250           | -                | -                | 11,250           |
| 35 Labor                            | 141,000          | 12,500           | 10,000           | 163,500          |
| 95 Insurance                        | 33,145           | -                | -                | 33,145           |
| 97 Contingency                      | 302,196          | 425,329          | 8,050            | 735,575          |
| 99 Plugging & Abandonment           | -                | -                | -                | -                |
| <b>TOTAL INTANGIBLES &gt;</b>       | <b>3,324,155</b> | <b>5,718,123</b> | <b>88,550</b>    | <b>9,130,828</b> |

**PREPARED BY Colgate Energy:**

|                       |               |
|-----------------------|---------------|
| Drilling Engineer:    | Rafael Madrid |
| Completions Engineer: | Brady Adams   |
| Production Engineer:  | Brady Adams   |

CRM

Figure 1. *Organizational chart of the research firm*

```
graph TD; Co-CEO[Co-CEO] --- WH[WH]; Co-CEO --- JW[JW]; VP_Land_Legal[VP - Land & Legal] --- BG[BG]; VP_Operations[VP - Operations] --- CRM[CRM]; VP_Geosciences[VP - Geosciences] --- SO[SO];
```

Company Name: \_\_\_\_\_ Working Interest (%): \_\_\_\_\_ Tax ID: \_\_\_\_\_  
Signed by: \_\_\_\_\_ Date: \_\_\_\_\_  
Title: \_\_\_\_\_ Approval: ☐ Yes ☐ No (mark one)

[illegible]

# Colgate Energy

303 W. Wall St., Midland TX 79701  
Phone (432) 695-4257 • Fax (432) 695-4063

## ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

|                  |                             |                  |                         |
|------------------|-----------------------------|------------------|-------------------------|
| DATE:            | 8/5/2020                    | AFE NO.:         | 0                       |
| WELL NAME:       | Big Burro 27 State Com 123H | FIELD:           | Winchester, Bone Spring |
| LOCATION:        | Parkway                     | MD/TVD:          | 17249 / 7495            |
| COUNTY/STATE:    | Eddy                        | LATERAL LENGTH:  | 9,427                   |
| Colgate WI:      |                             | DRILLING DAYS:   | 20.6                    |
| GEOLOGIC TARGET: | 2nd Bone Spring             | COMPLETION DAYS: | 16                      |

REMARKS: Drill and Complete 63 stages in the 2nd Bone Spring formation. AFE includes D&C, flowback & initial ESP install.

| INTANGIBLE COSTS                    | DRILLING COSTS   | COMPLETION COSTS | PRODUCTION COSTS | TOTAL COSTS      |
|-------------------------------------|------------------|------------------|------------------|------------------|
| 1 Land / Legal / Regulatory         | \$ 15,000        |                  |                  | \$ 15,000        |
| 2 Location, Surveys & Damages       | 150,000          | 13,000           | 10,000           | 173,000          |
| 4 Freight / Transportation          | 35,500           | 36,750           |                  | 92,250           |
| 5 Rental - Surface Equipment        | 55,800           | 150,150          | 1,610            | 307,560          |
| 6 Rental - Downhole Equipment       | 68,799           | 50,000           |                  | 118,799          |
| 7 Rental - Living Quarters          | 35,516           | 15,700           |                  | 51,216           |
| 10 Directional Drilling, Surveys    | 188,030          |                  | 5,200            | 193,230          |
| 11 Drilling                         | 475,821          |                  |                  | 475,821          |
| 12 Drill Bits                       | 81,000           |                  |                  | 81,000           |
| 13 Fuel & Power                     | 67,053           | 210,000          |                  | 277,053          |
| 14 Cementing & Fluid Equip          | 155,000          |                  |                  | 155,000          |
| 16 Perforating, Wireline, Slickline | -                | 260,750          | 8,000            | 268,750          |
| 17 High Pressure Pump Truck         | -                | 10,000           |                  | 10,000           |
| 18 Completion Unit, Swab, CTU       | -                | 150,000          | 12,040           | 162,040          |
| 20 Mud Circulation System           | 83,144           |                  |                  | 83,144           |
| 21 Mud Logging                      | 19,499           |                  |                  | 19,499           |
| 22 Logging / Formation Evaluation   | 6,491            | 8,000            |                  | 14,491           |
| 23 Mud & Chemicals                  | 98,516           | 100,000          |                  | 198,516          |
| 24 Water                            | 28,193           | 305,352          |                  | 333,545          |
| 25 Stimulation                      | -                | 720,000          |                  | 720,000          |
| 26 Stimulation Flowback & Disp      | -                | 91,000           |                  | 91,000           |
| 28 Mud / Wastewater Disposal        | 96,938           | 61,000           |                  | 157,938          |
| 30 Rig Supervision / Engineering    | 95,975           | 79,600           | 9,800            | 185,375          |
| 32 Drig & Completion Overhead       | 7,725            |                  |                  | 7,725            |
| 35 Labor                            | 100,500          | 30,500           | 10,000           | 141,000          |
| 54 Proppant                         |                  | 436,156          |                  | 436,156          |
| 95 Insurance                        | 32,632           |                  |                  | 32,632           |
| 97 Contingency                      | 97,271           | 151,212          | 5,968            | 254,451          |
| 99 Plugging & Abandonment           |                  |                  |                  |                  |
| <b>TOTAL INTANGIBLES &gt;</b>       | <b>2,042,781</b> | <b>3,332,080</b> | <b>65,648</b>    | <b>5,440,489</b> |
| TANGIBLE COSTS                      | DRILLING COSTS   | COMPLETION COSTS | PRODUCTION COSTS | TOTAL COSTS      |
| 60 Surface Casing                   | \$ 9,590         |                  |                  | \$ 9,590         |
| 61 Intermediate Casing              | 69,726           |                  |                  | 69,726           |
| 62 Drilling Liner                   |                  |                  |                  |                  |
| 63 Production Casing                | 238,396          |                  |                  | 238,396          |
| 64 Production Liner                 |                  |                  |                  |                  |
| 65 Tubing                           |                  |                  | 30,911           | 30,911           |
| 66 Wellhead                         | 64,000           |                  | 18,900           | 82,900           |
| 67 Packers, Liner Hangers           | 22,000           |                  | 3,500            | 25,500           |
| 68 Tanks                            |                  |                  |                  |                  |
| 69 Production Vessels               |                  |                  |                  |                  |
| 70 Flow Lines                       |                  |                  |                  |                  |
| 71 Rod string                       |                  |                  |                  |                  |
| 72 Artificial Lift Equipment        |                  |                  | 80,000           | 80,000           |
| 73 Compressor                       |                  |                  |                  |                  |
| 74 Installation Costs               |                  |                  | 35,000           | 35,000           |
| 75 Surface Pumps                    |                  |                  | 5,000            | 5,000            |
| 76 Downhole Pumps                   |                  |                  | 1,950            | 1,950            |
| 77 Measurement & Meter Installation |                  |                  |                  |                  |
| 78 Gas Conditioning / Dehydration   |                  |                  |                  |                  |
| 79 Interconnecting Facility Piping  |                  |                  |                  |                  |
| 80 Gathering / Bulk Lines           |                  |                  |                  |                  |
| 81 Valves, Dumps, Controllers       |                  |                  |                  |                  |
| 82 Tank / Facility Containment      |                  |                  |                  |                  |
| 83 Flare Stack                      |                  |                  |                  |                  |
| 84 Electrical / Grounding           |                  |                  | 60,000           | 60,000           |
| 85 Communications / SCADA           |                  |                  |                  |                  |
| 86 Instrumentation / Safety         |                  |                  |                  |                  |
| <b>TOTAL TANGIBLES &gt;</b>         | <b>403,712</b>   | <b>0</b>         | <b>268,261</b>   | <b>671,973</b>   |
| <b>TOTAL COSTS &gt;</b>             | <b>2,446,493</b> | <b>3,332,080</b> | <b>333,909</b>   | <b>6,112,461</b> |

### PREPARED BY Colgate Energy:

|                       |                |     |
|-----------------------|----------------|-----|
| Drilling Engineer:    | Stew n Segrest |     |
| Completions Engineer: | Brady Adams    | CRM |
| Production Engineer:  | Levi Harris    |     |

### Colgate Energy APPROVAL:

|                   |    |                  |    |                 |     |
|-------------------|----|------------------|----|-----------------|-----|
| Co CEO            | WH | Co CEO           | JW | VP - Operations | CRM |
| VP - Land & Legal | RC | VP - Completions | SD |                 |     |

### NON OPERATING PARTNER APPROVAL:

|               |  |                       |   |         |  |
|---------------|--|-----------------------|---|---------|--|
| Company Name: |  | Working Interest (%): |   | Tax ID: |  |
| Signed by:    |  | Date:                 |   |         |  |
| Title:        |  | Approved:             | <input type="checkbox"/> Yes <input type="checkbox"/> No (mark one) |         |  |

This form is for informational purposes only and does not constitute an offer or solicitation of any securities. It is not to be used as a basis for any investment decision. The information contained herein is subject to change without notice. The information contained herein is not to be used as a basis for any investment decision. The information contained herein is not to be used as a basis for any investment decision. The information contained herein is not to be used as a basis for any investment decision.

303 W. Wall St., Midland TX 79701  
Phone (432) 695-4257 • Fax (432) 695-4063

|                  |                             |                  |                        |
|------------------|-----------------------------|------------------|------------------------|
| DATE:            | 8/5/2020                    | AFE NO.:         | 0                      |
| WELL NAME:       | Big Burro 27 State Com 133H | FIELD:           | Winchester Bone Spring |
| LOCATION:        | Parkway                     | MD/TVD:          | 18404 / 8650           |
| COUNTY/STATE:    | Eddy                        | LATERAL LENGTH:  | 9,427                  |
| Colgate WI:      |                             | DRILLING DAYS:   | 23.25                  |
| GEOLOGIC TARGET: | 3rd Bone Spring             | COMPLETION DAYS: | 16                     |

REMARKS: Drill and Complete 63 stages in the 3rd Bone Spring formation. AFE includes D&C, flowback & initial ESP install.

| INTANGIBLE COSTS                    | DRILLING COSTS   | COMPLETION COSTS | PRODUCTION COSTS | TOTAL COSTS      |
|-------------------------------------|------------------|------------------|------------------|------------------|
| 1 Land / Legal / Regulatory         | \$ 33,000        | \$ -             | \$ -             | \$ 33,000        |
| 2 Location, Surveys & Damages       | 150,000          | 13,000           | 10,000           | 173,000          |
| 4 Freight / Transportation          | 55,300           | 36,750           | -                | 92,050           |
| 5 Rental - Surface Equipment        | 62,354           | 150,150          | 4,640            | 217,144          |
| 6 Rental - Downhole Equipment       | 68,799           | 56,000           | -                | 124,799          |
| 7 Rental - Living Quarters          | 18,583           | 45,700           | 5,200            | 89,483           |
| 10 Directional Drilling, Surveys    | 237,300          | -                | -                | 237,300          |
| 11 Drilling                         | 521,597          | -                | -                | 521,597          |
| 12 Drill Bits                       | 112,300          | -                | -                | 112,300          |
| 13 Fuel & Power                     | 75,679           | 210,000          | -                | 285,679          |
| 14 Cementing & Float Equip          | 135,000          | -                | -                | 135,000          |
| 16 Perforating, Wireline, Slickline | -                | 268,750          | 8,000            | 276,750          |
| 17 High Pressure Pump Truck         | -                | 10,000           | -                | 10,000           |
| 18 Completion Unit, Swab, CTU       | -                | 150,000          | 12,040           | 162,040          |
| 20 Mud Circulation System           | 91,710           | -                | -                | 91,710           |
| 21 Mud Logging                      | 21,725           | -                | -                | 21,725           |
| 22 Logging / Formation Evaluation   | 8,296            | 6,000            | -                | 14,296           |
| 23 Mud & Chemicals                  | 108,358          | 309,000          | -                | 417,358          |
| 24 Water                            | 28,426           | 513,218          | -                | 541,644          |
| 25 Stimulation                      | -                | 720,000          | -                | 720,000          |
| 26 Stimulation Flowback & Disp      | -                | 94,000           | -                | 94,000           |
| 28 Mud / Wastewater Disposal        | 96,938           | 73,000           | -                | 169,938          |
| 30 Rig Supervision / Engineering    | 108,522          | 79,600           | 9,600            | 197,722          |
| 32 Drilg & Completion Overhead      | 8,719            | -                | -                | 8,719            |
| 35 Labor                            | 168,500          | 30,500           | 10,000           | 199,000          |
| 54 Proppant                         | -                | 490,676          | -                | 490,676          |
| 95 Insurance                        | 34,810           | -                | -                | 34,810           |
| 97 Contingency                      | 106,302          | 159,333          | 5,968            | 271,602          |
| 99 Plugging & Abandonment           | -                | -                | -                | -                |
| <b>TOTAL INTANGIBLES &gt;</b>       | <b>2,232,334</b> | <b>3,838,966</b> | <b>65,648</b>    | <b>5,736,968</b> |

| TANGIBLE COSTS                      | DRILLING COSTS   | COMPLETION COSTS | PRODUCTION COSTS | TOTAL COSTS      |
|-------------------------------------|------------------|------------------|------------------|------------------|
| 60 Surface Casing                   | \$ 9,500         | \$ -             | \$ -             | \$ 9,500         |
| 61 Intermediate Casing              | 69,726           | -                | -                | 69,726           |
| 62 Drilling Liner                   | -                | -                | -                | -                |
| 63 Production Casing                | 254,308          | -                | -                | 254,308          |
| 64 Production Liner                 | -                | -                | -                | -                |
| 65 Tubing                           | -                | -                | 34,136           | 34,136           |
| 66 Wellhead                         | 64,000           | -                | 48,300           | 112,300          |
| 67 Packers, Liner Hangers           | 22,000           | -                | 1,500            | 23,500           |
| 68 Tanks                            | -                | -                | -                | -                |
| 69 Production Vessels               | -                | -                | -                | -                |
| 70 Flow Lines                       | -                | -                | -                | -                |
| 71 Rod string                       | -                | -                | -                | -                |
| 72 Artificial Lift Equipment        | -                | -                | 80,000           | 80,000           |
| 73 Compressor                       | -                | -                | -                | -                |
| 74 Installation Costs               | -                | -                | 15,000           | 15,000           |
| 75 Surface Pumps                    | -                | -                | 5,000            | 5,000            |
| 76 Downhole Pumps                   | -                | -                | 4,950            | 4,950            |
| 77 Measurement & Meter Installation | -                | -                | -                | -                |
| 78 Gas Conditioning / Dehydration   | -                | -                | -                | -                |
| 79 Interconnecting Facility Piping  | -                | -                | -                | -                |
| 80 Gathering / Bulk Lines           | -                | -                | -                | -                |
| 81 Valves, Dumps, Controllers       | -                | -                | -                | -                |
| 82 Tank / Facility Containment      | -                | -                | -                | -                |
| 83 Flare Stack                      | -                | -                | -                | -                |
| 84 Electrical / Grounding           | -                | -                | 60,000           | 60,000           |
| 85 Communications / SCADA           | -                | -                | -                | -                |
| 86 Instrumentation / Safety         | -                | -                | -                | -                |
| <b>TOTAL TANGIBLES &gt;</b>         | <b>419,623</b>   | <b>0</b>         | <b>273,706</b>   | <b>693,329</b>   |
| <b>TOTAL COSTS &gt;</b>             | <b>2,651,957</b> | <b>2,438,966</b> | <b>339,354</b>   | <b>6,430,297</b> |

|                       |              |     |
|-----------------------|--------------|-----|
| Drilling Engineer:    | Steven Sogge | CRM |
| Completions Engineer: | Reidy Adams  |     |
| Production Engineer:  | Levi Harris  |     |

|                   |       |                 |       |                 |       |
|-------------------|-------|-----------------|-------|-----------------|-------|
| Co-CEO            | _____ | Co-CEO          | _____ | VP - Operations | _____ |
|                   | W1    |                 | JW    |                 | CBM   |
| VP - Land & Legal | _____ | VP - Governance | _____ |                 |       |
|                   | BC    |                 | SC    |                 |       |

Company Name: \_\_\_\_\_ Working Interest (\$): \_\_\_\_\_ Tax ID: \_\_\_\_\_  
Signed by: \_\_\_\_\_ Date: \_\_\_\_\_  
Title: \_\_\_\_\_ Approval ☐ Yes ☐ No (mark one)

[illegible]



303 W. Wall St., Midland TN 37901  
Phone (432) 695-4257 • Fax (432) 695-4063

|                  |                             |                  |                         |
|------------------|-----------------------------|------------------|-------------------------|
| DATE:            | 8/5/2020                    | AFE NO.:         | 0                       |
| WELL NAME:       | Big Burro 27 State Com 124H | FIELD:           | Winchester, Bone Spring |
| LOCATION:        | Parkway                     | MD/TVD:          | 17269 / 7515            |
| COUNTY/STATE:    | Eddy                        | LATERAL LENGTH:  | 9,427                   |
| Culgate WI:      |                             | DRILLING DAYS:   | 20.6                    |
| GEOLOGIC TARGET: | 2nd Bone Spring             | COMPLETION DAYS: | 16                      |

REMARKS: Drill and Complete 63 stages in the 2nd Bone Spring formation. AFE includes D&C, flowback & initial ESP install.

| TANGIBLE COSTS                      | DRILLING COSTS   | COMPLETION COSTS | PRODUCTION COSTS | TOTAL COSTS      |
|-------------------------------------|------------------|------------------|------------------|------------------|
| 60 Surface Casing                   | \$ 9,590         | \$ -             | \$ -             | \$ 9,590         |
| 61 Intermediate Casing              | 69,726           | -                | -                | 69,726           |
| 62 Drilling Liner                   | -                | -                | -                | -                |
| 63 Production Casing                | 238,396          | -                | -                | 238,396          |
| 64 Production Liner                 | -                | -                | -                | -                |
| 65 Tubing                           | -                | -                | 30,911           | 30,911           |
| 66 Wellhead                         | 64,000           | -                | 112,900          | 176,900          |
| 67 Packers, Liner Hangers           | 25,000           | -                | 5,500            | 30,500           |
| 68 Tanks                            | -                | -                | -                | -                |
| 69 Production Vessels               | -                | -                | -                | -                |
| 70 Flow Lines                       | -                | -                | -                | -                |
| 71 Rod string                       | -                | -                | -                | -                |
| 72 Artificial Lift Equipment        | -                | -                | 80,000           | 80,000           |
| 73 Compressor                       | -                | -                | -                | -                |
| 74 Installation Costs               | -                | -                | 35,000           | 35,000           |
| 75 Surface Pumps                    | -                | -                | 5,000            | 5,000            |
| 76 Downhole Pumps                   | -                | -                | 4,950            | 4,950            |
| 77 Measurement & Meter Installation | -                | -                | -                | -                |
| 78 Gas Conditioning / Dehydration   | -                | -                | -                | -                |
| 79 Interconnecting Facility Piping  | -                | -                | -                | -                |
| 80 Gathering / Bulk Lines           | -                | -                | -                | -                |
| 81 Valves, Dumps, Controllers       | -                | -                | -                | -                |
| 82 Tank / Facility Containment      | -                | -                | -                | -                |
| 83 Flare Stack                      | -                | -                | -                | -                |
| 84 Electrical / Grounding           | -                | -                | 60,000           | 60,000           |
| 85 Communications / SCADA           | -                | -                | -                | -                |
| 86 Instrumentation / Safety         | -                | -                | -                | -                |
| <b>TOTAL TANGIBLES &gt;</b>         | <b>463,712</b>   | <b>0</b>         | <b>268,261</b>   | <b>671,972</b>   |
| <b>TOTAL COSTS &gt;</b>             | <b>2,446,473</b> | <b>3,332,080</b> | <b>333,909</b>   | <b>6,112,461</b> |

|                      |                |     |
|----------------------|----------------|-----|
| Drilling Engineer:   | Steven Soggett | CRM |
| Completion Engineer: | Brady Adams    |     |
| Production Engineer: | Luca Maris     |     |

Figure 1. Organizational chart of the CEO's office.

Company Name \_\_\_\_\_ Working Interest (%) \_\_\_\_\_ Tax ID: \_\_\_\_\_  
Signed by: \_\_\_\_\_ Date \_\_\_\_\_  
Title \_\_\_\_\_ Approval ☐ Yes ☐ No (mark one)

The above findings suggest that the current study may have contributed to the understanding of the role of the social support in the development of the self-esteem in the context of the COVID-19 pandemic. The findings suggest that the social support is a significant factor in the development of the self-esteem in the context of the COVID-19 pandemic. The findings suggest that the social support is a significant factor in the development of the self-esteem in the context of the COVID-19 pandemic.

303 W. Wall St., Midland TX 79701  
Phone (432) 695-4257 • Fax (432) 695-4063

|                  |                             |                  |                         |
|------------------|-----------------------------|------------------|-------------------------|
| DATE:            | 8/5/2020                    | API NO.:         | 0                       |
| WELL NAME:       | Big Burro 27 State Com 1341 | FIELD:           | Winchester, Bone Spring |
| LOCATION:        | Parkway                     | MD/TVD:          | 18414 / 8660            |
| COUNTY/STATE:    | Eddy                        | LATERAL LENGTH:  | 9,427                   |
| Calgate WI:      |                             | DRILLING DAYS:   | 23.25                   |
| GEOLOGIC TARGET: | 3rd Bone Spring             | COMPLETION DAYS: | 16                      |

REMARKS: Drill and Complete 63 stages in the 3rd Bone Spring formation. AFE includes D&C, flowback & initial ESP install.

| INTANGIBLE COSTS                    | DRILLING COSTS   | COMPLETION COSTS | PRODUCTION COSTS | TOTAL COSTS      |
|-------------------------------------|------------------|------------------|------------------|------------------|
| 1 Land / Legal / Regulatory         | \$ 35,000        | \$ -             | \$ -             | \$ 35,000        |
| 2 Location, Surveys & Damages       | 150,000          | 13,000           | 10,000           | 173,000          |
| 4 Freight / Transportation          | 35,300           | 36,750           | -                | 92,250           |
| 5 Rental - Surface Equipment        | 62,354           | 150,150          | 4,640            | 217,144          |
| 6 Rental - Downhole Equipment       | 68,799           | 56,000           | -                | 124,799          |
| 7 Rental - Living Quarters          | 18,583           | 15,700           | 3,200            | 69,183           |
| 10 Directional Drilling, Surveys    | 237,200          | -                | -                | 237,200          |
| 11 Drilling                         | 521,597          | -                | -                | 521,597          |
| 12 Drill Bits                       | 112,500          | -                | -                | 112,500          |
| 13 Fuel & Power                     | 75,679           | 210,000          | -                | 285,679          |
| 14 Cementing & Float Equip          | 135,000          | -                | -                | 135,000          |
| 16 Perforating, Wireline, Slickline | -                | 260,750          | 8,000            | 268,750          |
| 17 High Pressure Pump Truck         | -                | 10,000           | -                | 10,000           |
| 18 Completion Unit, Swab, CTU       | -                | 150,000          | 12,000           | 162,000          |
| 20 Mud Circulation System           | 91,730           | -                | -                | 91,730           |
| 21 Mud Logging                      | 21,725           | -                | -                | 21,725           |
| 22 Logging / Formation Evaluation   | 8,296            | 6,000            | -                | 16,296           |
| 23 Mud & Chemicals                  | 106,356          | 308,000          | -                | 414,356          |
| 24 Water                            | 28,428           | 543,228          | -                | 571,656          |
| 25 Stimulation                      | -                | 725,000          | -                | 725,000          |
| 26 Stimulation Flowback & D/sq      | -                | 94,000           | -                | 94,000           |
| 28 Mud / Wastewater Disposal        | 96,938           | 73,000           | -                | 169,938          |
| 30 Rig Supervision / Engineering    | 168,832          | 79,600           | 9,800            | 197,722          |
| 32 Drlg & Completion Overhead       | 8,719            | -                | -                | 8,719            |
| 35 Labor                            | 168,500          | 16,500           | 10,000           | 195,000          |
| 54 Proppant                         | -                | 490,676          | -                | 490,676          |
| 95 Insurance                        | 34,810           | -                | -                | 34,810           |
| 97 Contingency                      | 106,102          | 159,333          | 3,968            | 271,602          |
| 99 Plugging & Abandonment           | -                | -                | -                | -                |
| <b>TOTAL INTANGIBLES &gt;</b>       | <b>2,232,334</b> | <b>3,438,966</b> | <b>65,648</b>    | <b>5,736,968</b> |

| TANGIBLE COSTS                      | DRILLING COSTS   | COMPLETION COSTS | PRODUCTION COSTS | TOTAL COSTS      |
|-------------------------------------|------------------|------------------|------------------|------------------|
| 60 Surface Casing                   | \$ 9,500         | \$ -             | \$ -             | \$ 9,500         |
| 61 Intermediate Casing              | 49,716           | -                | -                | 49,716           |
| 62 Drilling Liner                   | -                | -                | -                | -                |
| 63 Production Casing                | 251,308          | -                | -                | 251,308          |
| 64 Production Liner                 | -                | -                | -                | -                |
| 65 Tubing                           | -                | -                | 36,156           | 36,156           |
| 66 Wellhead                         | 61,000           | -                | 48,900           | 112,900          |
| 67 Packers, Liner Hangers           | 22,000           | -                | 3,500            | 25,500           |
| 68 Tanks                            | -                | -                | -                | -                |
| 69 Production Vessels               | -                | -                | -                | -                |
| 70 Flow Lines                       | -                | -                | -                | -                |
| 71 Rod string                       | -                | -                | -                | -                |
| 72 Artificial Lift Equipment        | -                | -                | 80,000           | 80,000           |
| 73 Compressor                       | -                | -                | -                | -                |
| 74 Installation Costs               | -                | -                | 35,000           | 35,000           |
| 75 Surface Pumps                    | -                | -                | 5,000            | 5,000            |
| 76 Downhole Pumps                   | -                | -                | 1,950            | 1,950            |
| 77 Measurement & Meter Installation | -                | -                | -                | -                |
| 78 Gas Conditioning/Dehydration     | -                | -                | -                | -                |
| 79 Interconnecting Facility Piping  | -                | -                | -                | -                |
| 80 Gathering/Bulk Lines             | -                | -                | -                | -                |
| 81 Valves, Dumps, Controllers       | -                | -                | -                | -                |
| 82 Tank/Facility Containment        | -                | -                | -                | -                |
| 83 Flare Stack                      | -                | -                | -                | -                |
| 84 Electrical/Grounding             | -                | -                | 60,000           | 60,000           |
| 85 Communications/SCADA             | -                | -                | -                | -                |
| 86 Instrumentation/Safety           | -                | -                | -                | -                |
| <b>TOTAL TANGIBLES &gt;</b>         | <b>419,623</b>   | <b>0</b>         | <b>273,706</b>   | <b>693,329</b>   |
| <b>TOTAL COSTS &gt;</b>             | <b>2,651,957</b> | <b>3,438,986</b> | <b>339,354</b>   | <b>6,430,297</b> |

|                       |                |     |
|-----------------------|----------------|-----|
| Drilling Engineer:    | Steven Sagrest |     |
| Completions Engineer: | Brady Adams    | CEM |
| Production Engineer:  | Lee Barnes     |     |

**VP - Land & Legal**

Co-CEO \_\_\_\_\_ WH \_\_\_\_\_  
\_\_\_\_\_ BG \_\_\_\_\_

**VP - Operations**

Co-CEO \_\_\_\_\_ RW \_\_\_\_\_ CRM \_\_\_\_\_  
VP - Construction \_\_\_\_\_ SQO \_\_\_\_\_

Company Name: \_\_\_\_\_ Working Interest (%) \_\_\_\_\_ Tax ID \_\_\_\_\_  
Signed by: \_\_\_\_\_ Date \_\_\_\_\_  
Title \_\_\_\_\_ Approval ☐ Yes ☐ No (mark one)

[illegible]

# **Table of Contents**

## **Exhibit A**

Affidavit of  
Mark Hadjik

OCD Case 21239  
(Weaver wells)  
Colgate Operating, LLC

|   | <u>Bate Numbers</u> |
|---|---------------------|
| 1) Exhibit A Affidavit                  | 1-5                 |
| 2) Exhibits 1 through 4<br>C-102's      | 6-65                |
| 3) Exhibit 10<br>WI calculation         | 130-131             |
| 4) Exhibit 11<br>Faskin support letter  | 132                 |
| 5) Exhibit 12<br>Communication timeline | 133                 |
| 6) Exhibit 14<br>Well proposal letter   | 141-146             |
| 7) Exhibit 15<br>AFE's                  | 146-149             |



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

**APPLICATION OF COLGATE OPERATING, LLC  
FOR COMPULSORY POOLING, AND NON-  
STANDARD SPACING AND PRORATION UNIT IN  
EDDY COUNTY, NEW MEXICO**

**CASE NO. 21239**

**APPLICATION OF COLGATE OPERATING, LLC  
FOR COMPULSORY POOLING, AND NON-  
STANDARD SPACING AND PRORATION UNIT IN  
EDDY COUNTY, NEW MEXICO**

**CASE NO. 21078, 21079**

**AFFIDAVIT**

**STATE OF TEXAS            )  
                                  ) ss.  
COUNTY OF MIDLAND    )**

**Mark Hajdik, being duly sworn, deposes and states:**

1.     I am over the age of 18, I am a Petroleum Landman for Colgate Operating. LLC, and have personal knowledge of the matters stated herein. I have previously testified before the Oil Conservation Division ("Division") and my credentials as an expert petroleum landman are a matter of record with the Division.
2.     My area of responsibility of Colgate Operating. LLC includes the area of Eddy County in New Mexico.
3.     I am familiar with the applications filed with by Colgate Operating. LLC.
4.     I am familiar with the status of the lands that are subject to these applications.
5.     I submit the following information pursuant to NMAC 19.15.4.12.A(1) in support of the above referenced compulsory pooling applications.
6.     In Case 21239 Applicant seeks an order pooling all mineral interests within

the Bone Spring Formation, underlying the N /2 of Sections 27 and 28, Township 19 South, Range 28 East, NMPM, Eddy County, New Mexico. Applicant seeks to dedicate the horizontal spacing units described below to the following four initial wells:

- A. Weaver 27 State Com 121H**  
SHL: 655 FNL and 270 FEL of Section 27-19S-28E  
BHL: 990 FNL and 10 FWL of Section 28-19S-28E  
TVD: 7,500  
TMD: 17,179 Targeted Interval: 2nd Bone Spring  
Spacing Unit: N/2 N/2 of Section 27 and N/2 N/2 of Section 28.
- B. Weaver 27 State Com 122H**  
SHL: 1,975 FNL and 270 FEL of Section 27-19S-28E  
BHL: 2,310 FNL and 10 FWL of Section 28-19S-28E  
TVD: 7,500  
TMD: 17,209  
Targeted Interval: 2nd Bone Spring  
Spacing Unit: S/2 N/2 of Section 27 and S/2 N/2 of Section 28.
- C. Weaver 27 State Com 131H**  
SHL: 700 FNL and 270 FEL of Section 27-19S-28E  
BHL: 890 FNL and 10 FWL of Section 28-19S-28E  
TVD: 8,600  
TMD: 18,324  
Targeted Interval: 3rd Bone Spring  
Spacing Unit: N/2 N/2 of Section 27 and N/2 N/2 of Section 28.
- D. Weaver 27 State Com 132H**  
SHL: 2,020 FNL and 270 FEL of Section 27-19S-28E  
BHL: 2,210 FNL and 10' FWL of Section 28-19S-28E  
TVD: 8,600  
TMD: 18,364  
Targeted Interval: 3rd Bone Spring  
Spacing Unit: S/2 N/2 of Section 27 and S/2 N/2 of Section 28.

Attached hereto as Exhibits 1, 2, 3, and 4 are copies of the C-102s for the foregoing wells, together with associated mapping.

7. In Cases 21078 and 21079 Applicant seeks an order pooling all mineral interests within the Bone Spring Formation, underlying the S /2 of Sections 27 and 28, Township 19 South, Range 28 East, NMPM, Eddy County, New Mexico. Applicant seeks to dedicate the horizontal spacing unit described below to the following four initial wells:

- A. Big Burro 27 State Com 123H**  
SHL: 660' FSL and 300' FEL of Section 27-19S-28E  
BHL: 1650' FSL and 100' FWL of Section 28-19S-28E

TVD: 7,495'  
TMD: 17,249'  
Targeted Interval: 2<sup>nd</sup> Bone Spring  
Spacing Unit: N/2S/2 of Section 27 and N/2S/2 of Section 28

- B. Big Burro 27 State Com 124H**  
SHL: 660' FSL and 300' FEL of Section 27-19S-28E  
BHL: 330' FSL and 100' FWL of Section 28-19S-28E  
TVD: 7,515'  
TMD: 17,269'  
Targeted Interval: 2<sup>nd</sup> Bone Spring  
Spacing Unit: N/2S/2 of Section 27 and N/2S/2 of Section 28
- C. Big Burro 27 State Com 133H**  
SHL: 1000' FSL and 50' FEL of Section 27-19S-28E  
BHL: 1750' FSL and 100' FWL of Section 28-19S-28E  
TVD: 8,650'  
TMD: 18,404'  
Targeted Interval: 3<sup>rd</sup> Bone Spring  
Spacing Unit: S/2S/2 of Section 27 and N/2S/2 of Section 28
- D. Big Burro 27 State Com 134H**  
SHL: 950' FSL and 50' FEL of Section 27-19S-28E  
BHL: 430' FSL and 100' FWL of Section 28-19S-28E  
TVD: 8,660'  
TMD: 18,414'  
Targeted Interval: 3<sup>rd</sup> Bone Spring  
Spacing Unit: S/2S/2 of Section 27 and N/2S/2 of Section 28

Attached hereto as **Exhibits 5, 6, 7, and 8** are copies of the C-102s for the foregoing wells, together with associated mapping.

7. The parties being pooled and the percent of their interests are shown in **Exhibits 9 and 10** for the respective cases. The owners of overriding royalty interests are also identified in Exhibits 9 and 10. **Exhibit 11** is a letter from Fasken Oil and Ranch supporting Colgate's applications.

8. Colgate Operating LLC have conducted a diligent search of the public records in the county where the wells are located and conducted phone directory and computer searches to



locate contact information for parties entitled to notification, and mailed all parties well proposals.

A copy of Communication Timeline is attached hereto as Exhibit 12 for both cases.

9. In my opinion, Colgate Operating, LLC has made a good faith effort to obtain voluntary joinder of the working interest owners in the proposed wells.

10. Exhibits 13 and 14 are copies of proposal letters sent to working interest owners, which were sent in November and December 2019, for the proposed wells in both cases together with AFEs.

11. The proposal letters identified the proposed first and last take points and approximate TVD.

12. Exhibit 15 contains updated and reduced Authorizations for Expenditure for the proposed wells. The estimated cost of the wells set forth therein is fair and reasonable and is comparable to the costs of other wells of similar depths and length drilled in this area of New Mexico. Colgate Operating, LLC requests overhead and administrative rates of \$8,000.00/month for drilling a well and \$800.00/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 area of Southeastern, New Mexico. Colgate Operating, LLC requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.

13. Colgate Operating, LLC requests the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.

14. Colgate Operating, LLC requests that it be designated operator of the wells.

15. The attachments to this affidavit were prepared by me, or compiled from company business records, or were prepared at my direction.

16. I attest that the information provided herein is correct and complete to the best of my knowledge and belief.

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

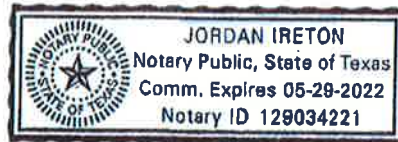
  
MARK HADJIK

SUBSCRIBED AND SWORN to before me this 10<sup>th</sup> day of August, 2020, by MARK HADJIK on behalf of Colgate Operating, LLC.

  
Notary Public

My Commission Expires:

5/29/2022



District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|   |  |   |
|---|--|---|
| <sup>1</sup> API Number                 | <sup>2</sup> Pool Code                                   | <sup>3</sup> Pool Name                  |
| <sup>4</sup> Property Code              | <sup>5</sup> Property Name<br><b>WEAVER 27 STATE COM</b> | <sup>6</sup> Well Number<br><b>121H</b> |
| <sup>7</sup> OGRID No.<br><b>371449</b> | <sup>8</sup> Operator Name<br><b>COLGATE ENERGY LLC</b>  | <sup>9</sup> Elevation<br><b>3357.7</b> |

**" Surface Location**

| UL or lot no. | Section   | Township    | Range       | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County      |
|---------------|-----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>A</b>      | <b>27</b> | <b>19 S</b> | <b>28 E</b> |         | <b>655</b>    | <b>NORTH</b>     | <b>270</b>    | <b>EAST</b>    | <b>EDDY</b> |

**" Bottom Hole Location If Different From Surface**

| UL or lot no. | Section   | Township    | Range       | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County      |
|---------------|-----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>D</b>      | <b>28</b> | <b>19 S</b> | <b>28 E</b> |         | <b>990</b>    | <b>NORTH</b>     | <b>10</b>     | <b>WEST</b>    | <b>EDDY</b> |

|                               |                               |                                  |                         |
|-------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> 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 complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name \_\_\_\_\_

E-mail Address \_\_\_\_\_

**" SURVEYOR CERTIFICATION**

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

JANUARY 28, 2020

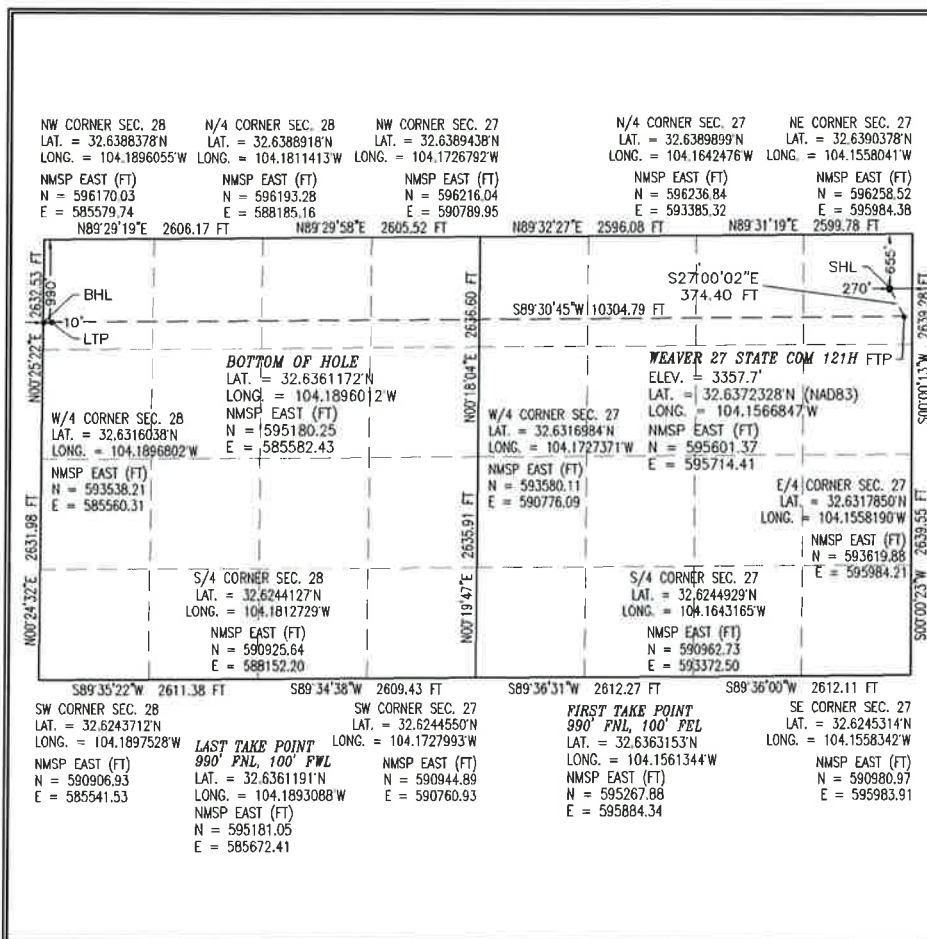
Date of Survey \_\_\_\_\_

Signature and Seal of Professional Surveyor: \_\_\_\_\_

Certificate Number: \_\_\_\_\_

PLS 12797

SURVEY NO. 7871A





Intent ☐ As Drilled ☐

API #

Operator Name:

**COLGATE ENERGY LLC**

Property Name:

**WEAVER 27 STATE COM**

Well Number

**121H**

Kick Off Point (KOP)

| UL                | Section   | Township   | Range      | Lot | Feet               | From N/S     | Feet       | From E/W    | County      |
|-------------------|-----------|------------|------------|-----|--------------------|--------------|------------|-------------|-------------|
| <b>A</b>          | <b>27</b> | <b>19S</b> | <b>28E</b> |     | <b>655</b>         | <b>NORTH</b> | <b>270</b> | <b>EAST</b> | <b>EDDY</b> |
| Latitude          |           |            |            |     | Longitude          |              |            |             | NAD         |
| <b>32.6372328</b> |           |            |            |     | <b>104.1566847</b> |              |            |             | <b>83</b>   |

First Take Point (FTP)

| UL                | Section   | Township   | Range      | Lot | Feet               | From N/S     | Feet       | From E/W    | County      |
|-------------------|-----------|------------|------------|-----|--------------------|--------------|------------|-------------|-------------|
| <b>A</b>          | <b>27</b> | <b>19S</b> | <b>28E</b> |     | <b>990</b>         | <b>NORTH</b> | <b>100</b> | <b>EAST</b> | <b>EDDY</b> |
| Latitude          |           |            |            |     | Longitude          |              |            |             | NAD         |
| <b>32.6363153</b> |           |            |            |     | <b>104.1561344</b> |              |            |             | <b>83</b>   |

Last Take Point (LTP)

| UL                | Section   | Township   | Range      | Lot | Feet               | From N/S     | Feet       | From E/W    | County      |
|-------------------|-----------|------------|------------|-----|--------------------|--------------|------------|-------------|-------------|
| <b>D</b>          | <b>28</b> | <b>19S</b> | <b>28E</b> |     | <b>990</b>         | <b>NORTH</b> | <b>100</b> | <b>WEST</b> | <b>EDDY</b> |
| Latitude          |           |            |            |     | Longitude          |              |            |             | NAD         |
| <b>32.6361191</b> |           |            |            |     | <b>104.1893088</b> |              |            |             | <b>83</b>   |

Is this well the defining well for the Horizontal Spacing Unit? ☐

Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:

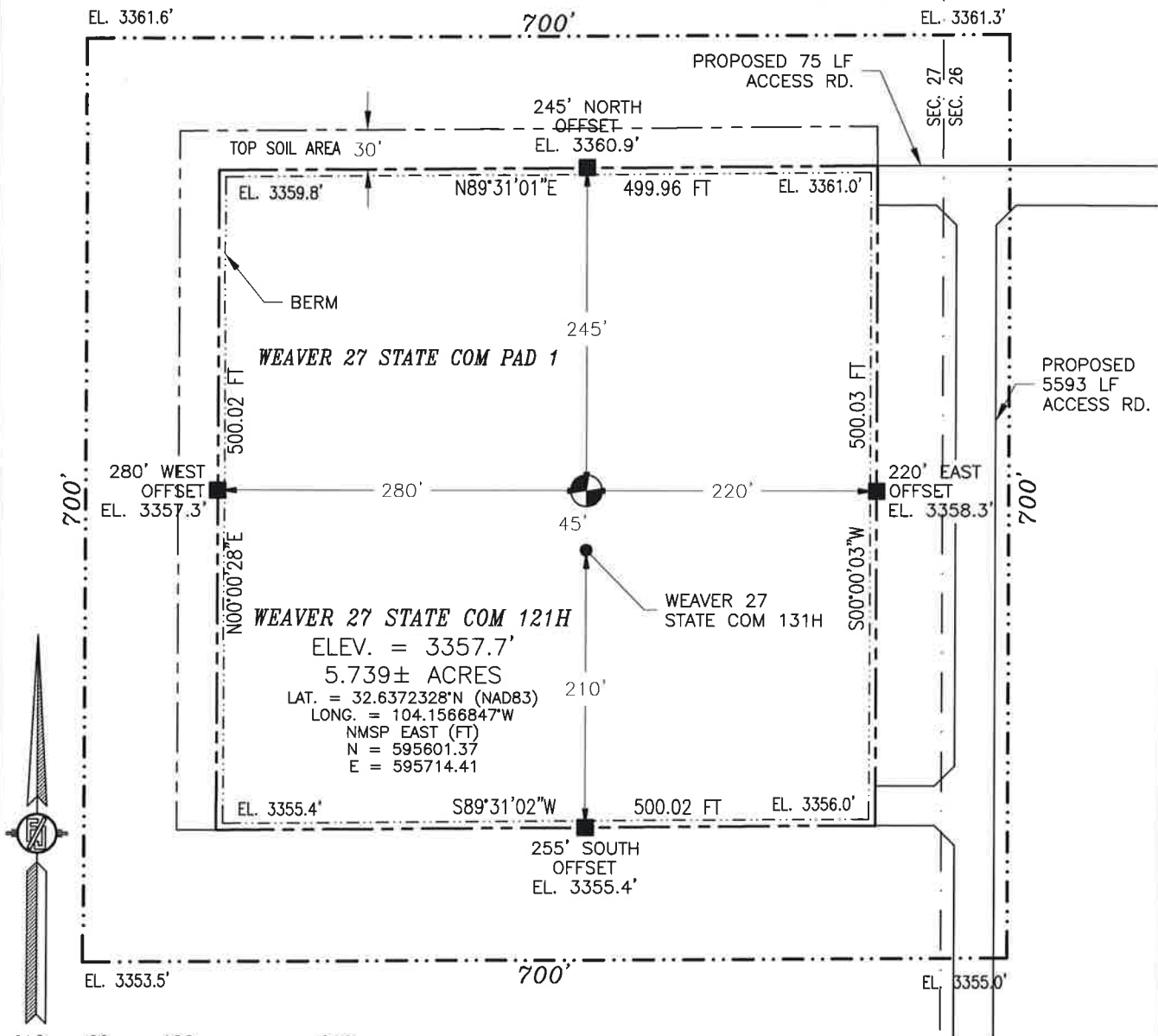
Property Name:

Well Number

KZ 06/29/2018

SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
**SITE MAP**

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE



012 60 120 240

SCALE 1" = 120'

**DIRECTIONS TO LOCATION**

FROM THE INTERSECTION OF CR. 208 & CR. 235 (CURRY COMBS) GO SOUTHEAST ON CR. 235 APPROX. 3.0 MILES TO "Y" INTERSECTION, STAY RIGHT CONTINUE SOUTHEAST GO APPROX. 1.6 MILES, ROAD TURNS RIGHT (SOUTH) GO SOUTH APPROX. 0.7 OF A MILE, TURN LEFT GO EAST 621', TURN RIGHT ON MILLMAN ROAD GO SOUTH-SOUTHEAST APPROX. 3315', TURN RIGHT GO SOUTH-SOUTHWEST AND FOLLOW ROAD LATHS 2874', TURN RIGHT GO WEST 2174', TURN LEFT GO SOUTH-WEST 545' (TOTAL 5593') TO THE SOUTHEAST PAD CORNER FOR THIS LOCATION.

I, FILIVON F. JARAMILLO, NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR, CERTIFY THAT I AM RESPONSIBLE FOR THIS SURVEY, AND I HAVE TO THE BEST OF MY KNOWLEDGE AND BELIEF COMPLIED WITH THE MINIMUM STANDARDS OF THE NEW MEXICO SURVEYING ACT.

**MADRON SURVEYING, INC.**  
301 SOUTH CANAL  
(575) 234-3341

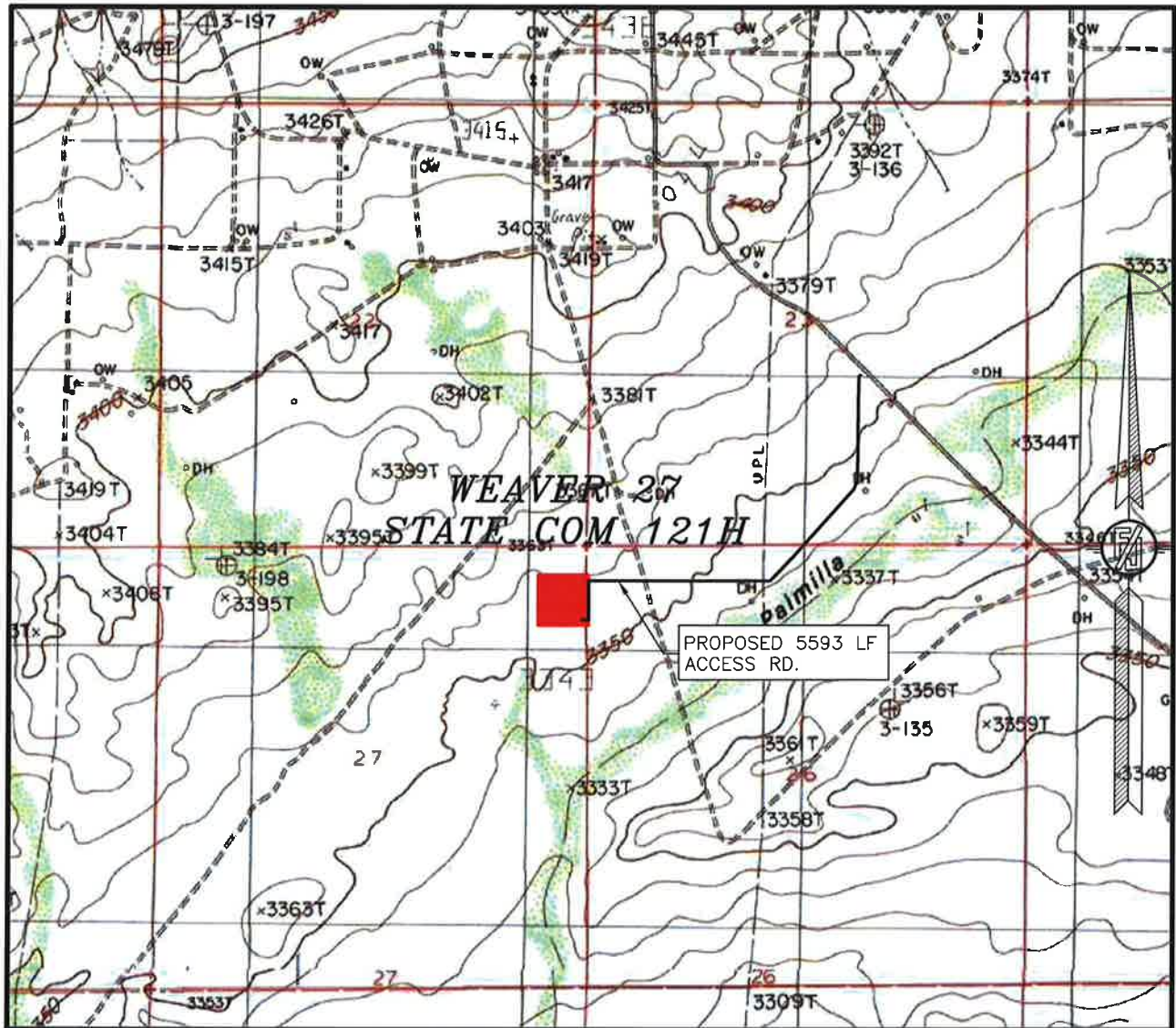
**COLGATE ENERGY LLC**  
**WEAVER 27 STATE COM 121H**  
LOCATED 655 FT. FROM THE NORTH LINE  
AND 270 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

SURVEY NO. 7871A

CARLSBAD, NEW MEXICO

SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO  
 LOCATION VERIFICATION MAP



USGS QUAD MAP:  
 ILLINOIS CAMP

NOT TO SCALE

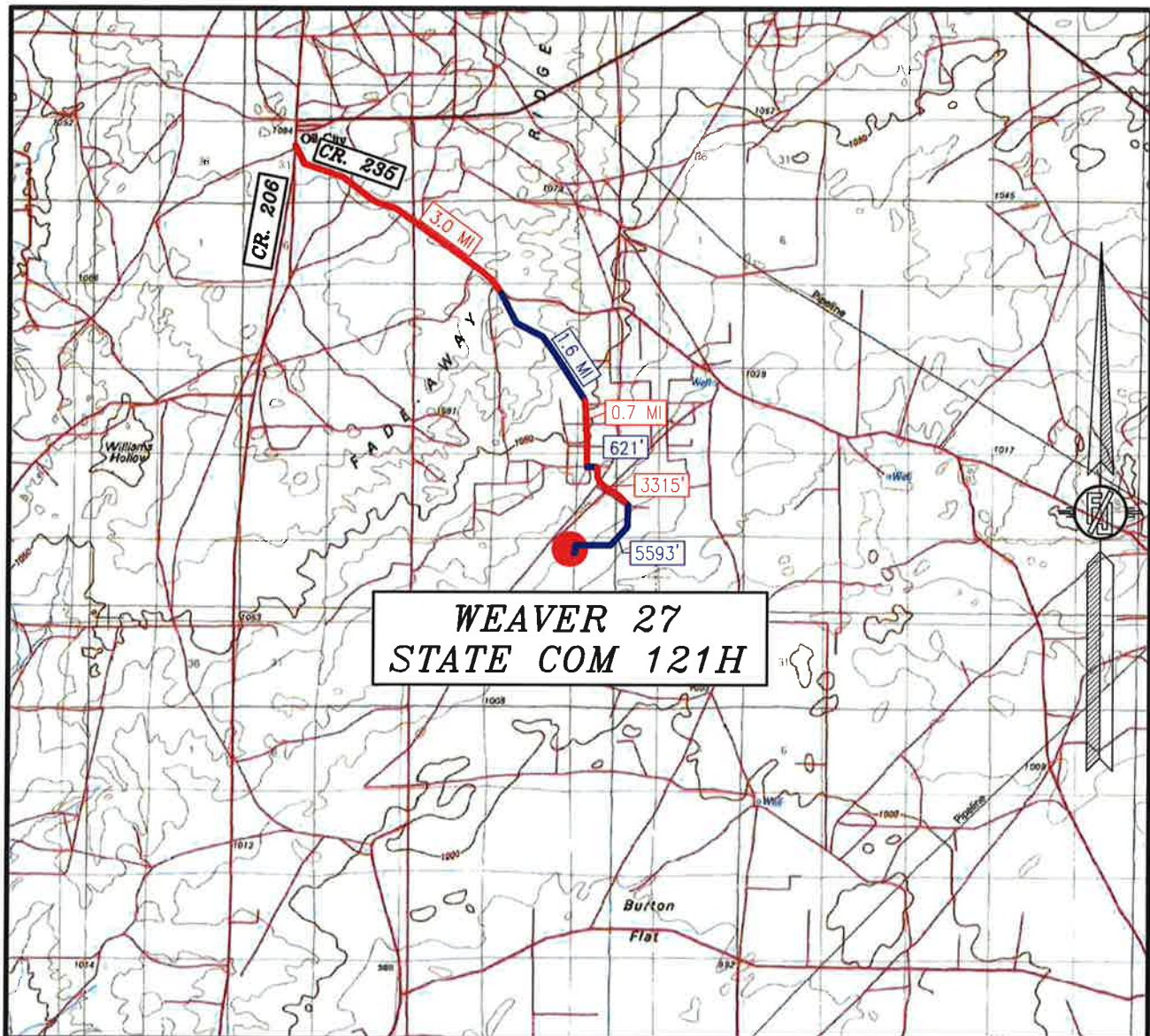
COLGATE ENERGY LLC  
**WEAVER 27 STATE COM 121H**  
 LOCATED 655 FT. FROM THE NORTH LINE  
 AND 270 FT. FROM THE EAST LINE OF  
 SECTION 27, TOWNSHIP 19 SOUTH,  
 RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 SURVEY NO. 7871A  
 CARLSBAD, NEW MEXICO



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

**DIRECTIONS TO LOCATION**

FROM THE INTERSECTION OF CR. 206 & CR. 235 (CURRY COMBS) GO SOUTHEAST ON CR. 235 APPROX. 3.0 MILES TO "Y" INTERSECTION, STAY RIGHT CONTINUE SOUTHEAST GO APPROX. 1.6 MILES, ROAD TURNS RIGHT (SOUTH) GO SOUTH APPROX. 0.7 OF A MILE, TURN LEFT GO EAST 621', TURN RIGHT ON MILLMAN ROAD GO SOUTH-SOUTHEAST APPROX. 3315', TURN RIGHT GO SOUTH-SOUTHWEST AND FOLLOW ROAD LATHS 2874', TURN RIGHT GO WEST 2174', TURN LEFT GO SOUTH-WEST 545' (TOTAL 5593') TO THE SOUTHEAST PAD CORNER FOR THIS LOCATION.

COLGATE ENERGY LLC  
**WEAVER 27 STATE COM 121H**  
LOCATED 655 FT. FROM THE NORTH LINE  
AND 270 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

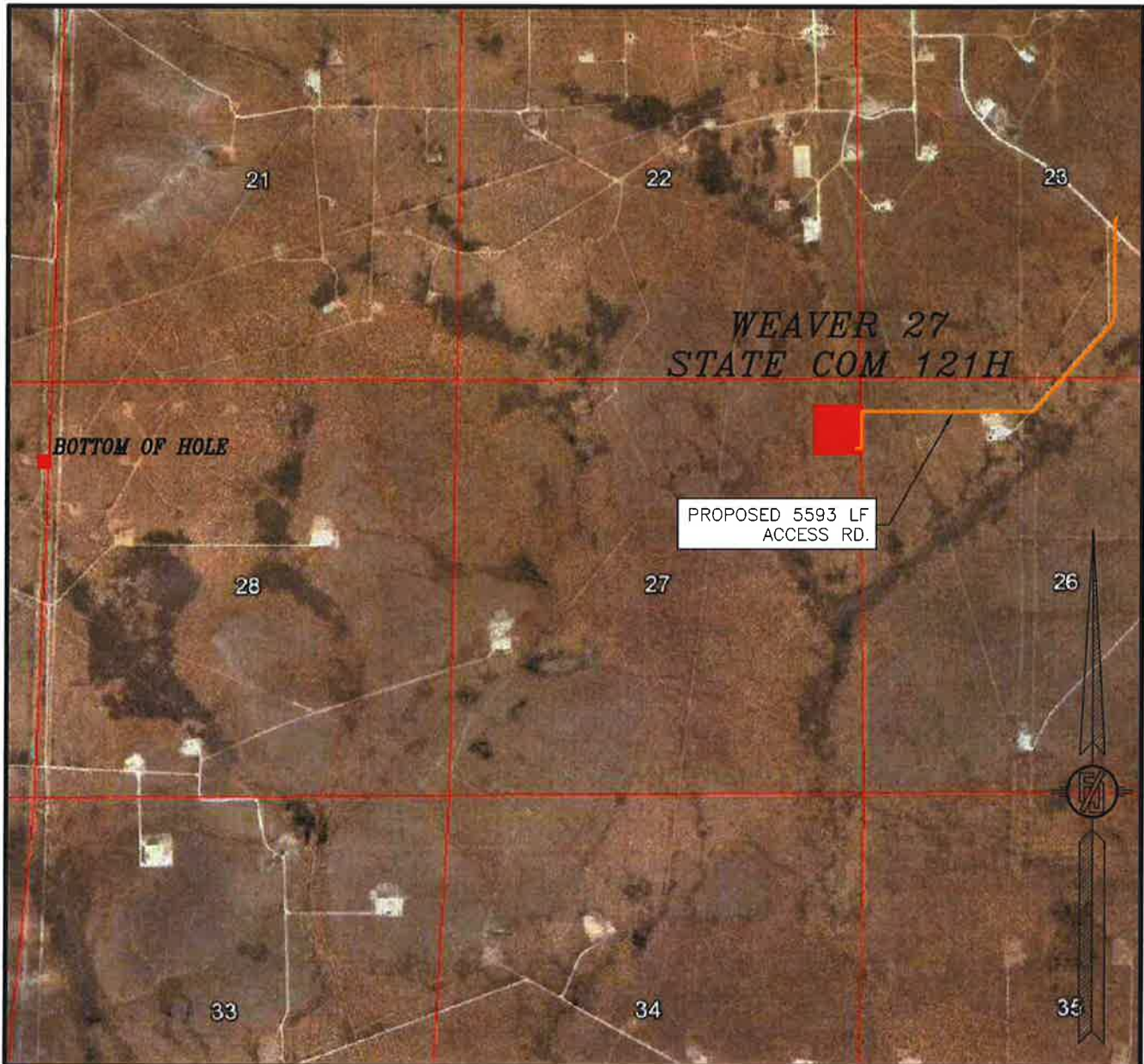
SURVEY NO. 7871A

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341

CARLSBAD, NEW MEXICO



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
AERIAL PHOTO



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
MARCH 2016

COLGATE ENERGY LLC  
**WEAVER 27 STATE COM 121H**  
LOCATED 655 FT. FROM THE NORTH LINE  
AND 270 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

SURVEY NO. 7871A

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO  
 ACCESS AERIAL ROUTE MAP



NOT TO SCALE  
 AERIAL PHOTO:  
 GOOGLE EARTH  
 MARCH 2016

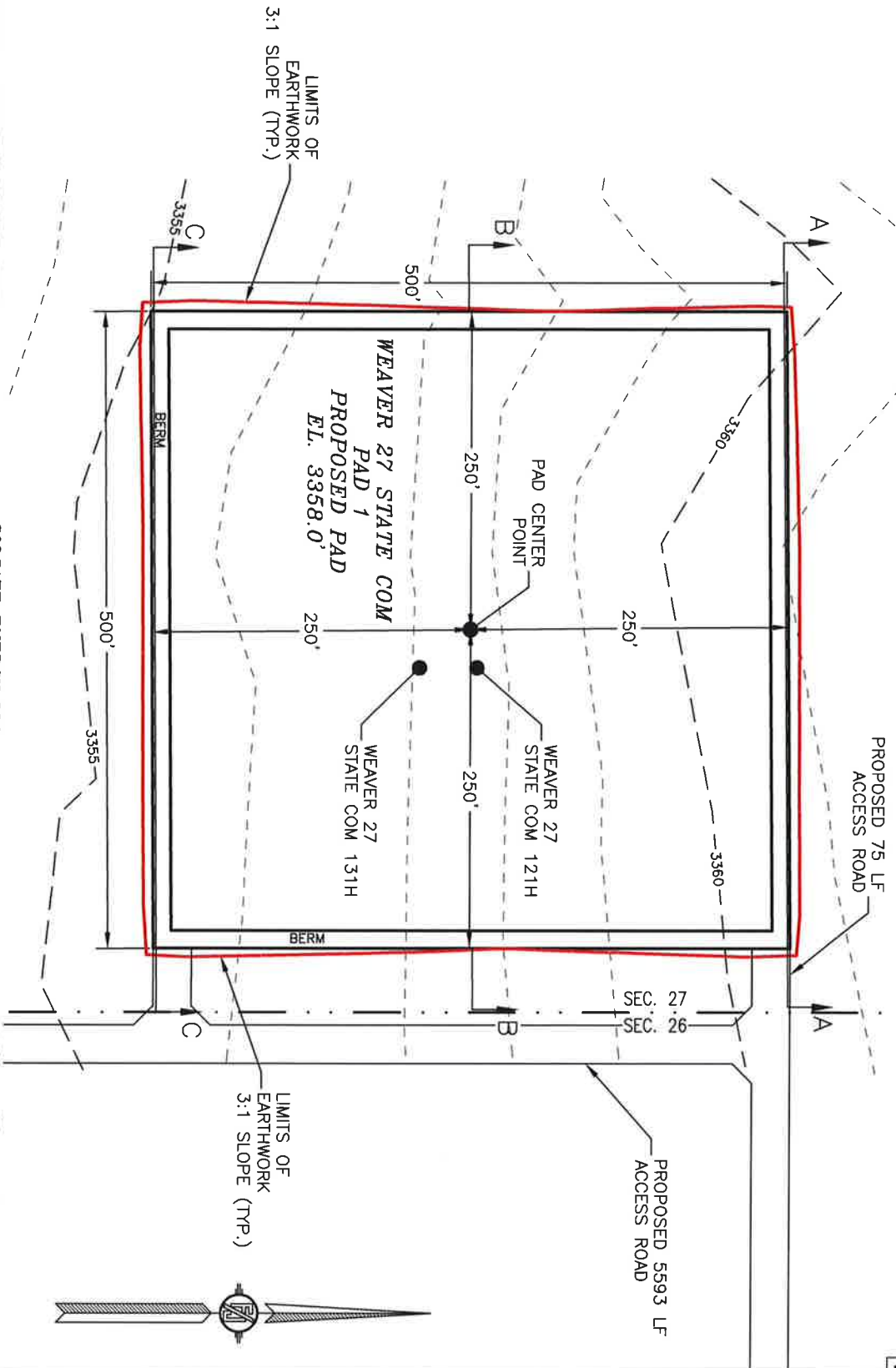
COLGATE ENERGY LLC  
**WEAVER 27 STATE COM 121H**  
 LOCATED 655 FT. FROM THE NORTH LINE  
 AND 270 FT. FROM THE EAST LINE OF  
 SECTION 27, TOWNSHIP 19 SOUTH,  
 RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

SURVEY NO. 7871A

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

# PLAN VIEW



I, FILMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS IN ACCORD WITH THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THE SURVEY MEET THE MINIMUM STANDARDS FOR A NEW MEXICO SURVEY.

COLGATE ENERGY LLC  
GRADING PLAN AND CROSS SECTIONS  
FOR WEAVER 27 STATE COM 121H  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

301 SOUTH CANAL  
(375) 234-3541  
CARLSBAD, NEW MEXICO

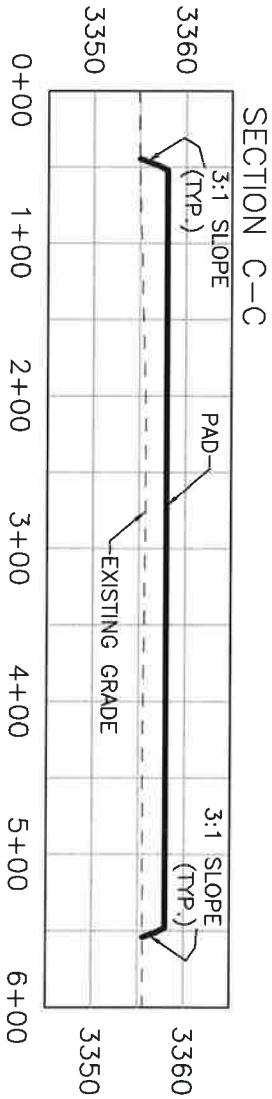
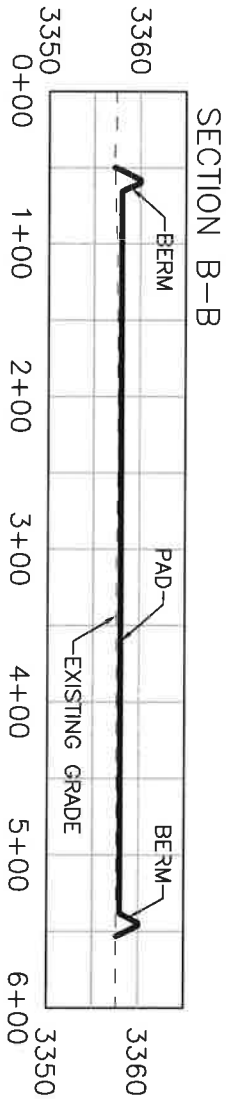
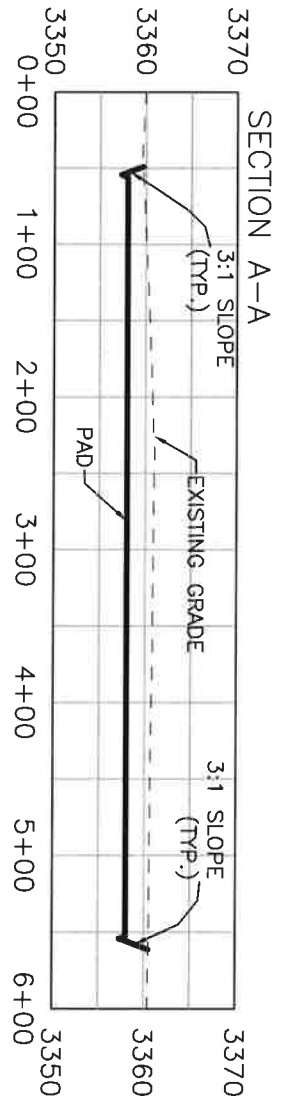
SHEET 1-2  
SURVEY NO. 7871A

| CUT         | FILL        | NET                |
|-------------|-------------|--------------------|
| 5616 CU. YD | 8597 CU. YD | 2981 CU. YD (FILL) |

EARTHWORK QUANTITIES ARE ESTIMATED



# CROSS-SECTIONS



| CUT         | FILL        | NET                |
|-------------|-------------|--------------------|
| 5616 CU. YD | 8597 CU. YD | 2981 CU. YD (FILL) |

EARTHWORK QUANTITIES ARE ESTIMATED

SHEET 2-2  
SURVEY NO. 7871A

**COLGATE ENERGY LLC**  
**GRADING PLAN AND CROSS SECTIONS**  
**FOR WEAVER 27 STATE COM 12TH**  
 SECTION 27, TOWNSHIP 19 SOUTH,  
 RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

301 SOUTH CANAL  
(375) 234-3341

**CARLSBAD, NEW MEXICO**

FILMON F. JARAMILLO

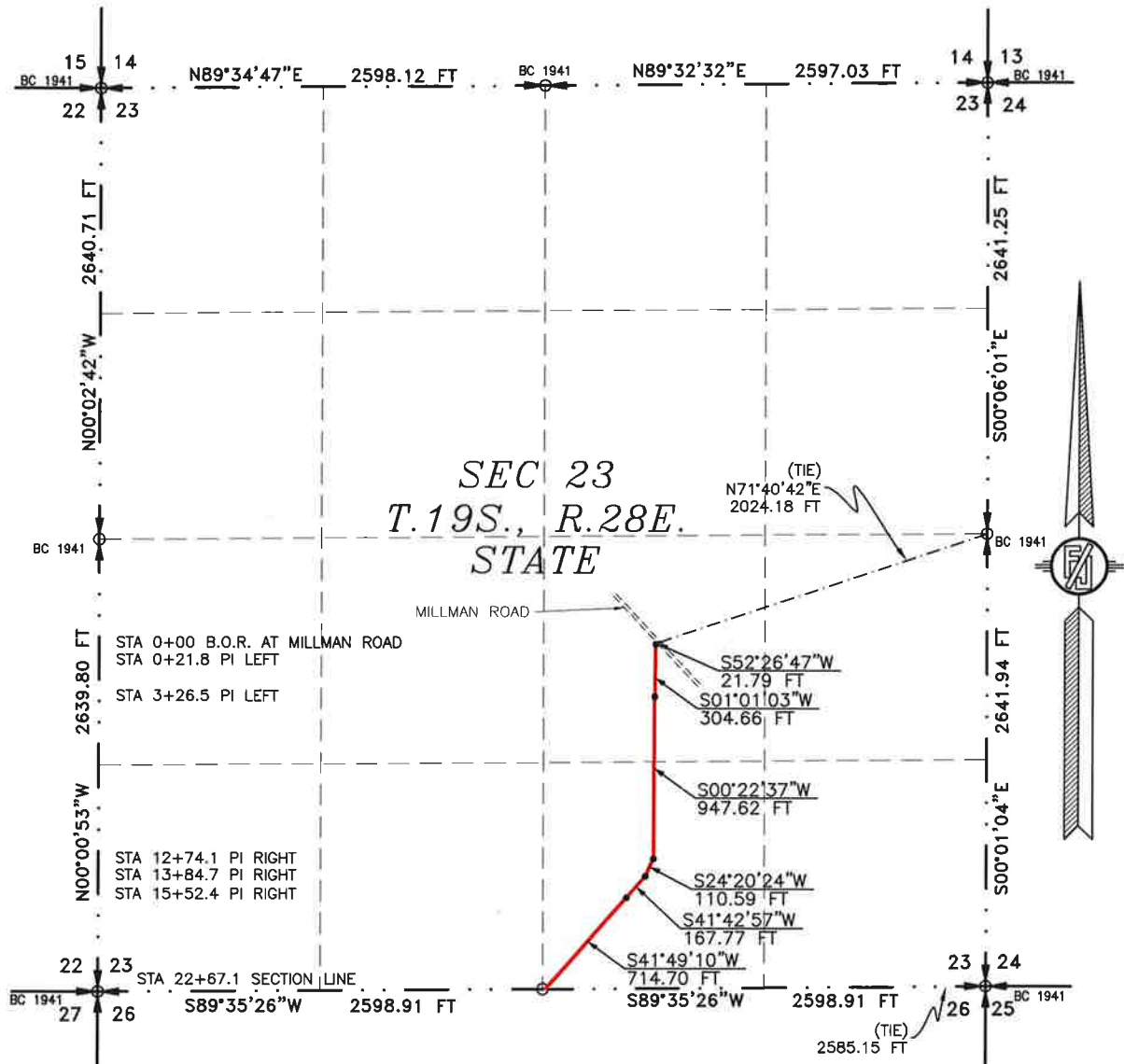
I, FILMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT THIS SURVEY, THAT THIS BEST OF MY KNOWLEDGE, MEET THE MINIMUM





**ACCESS ROAD PLAT**  
ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 1 (WEAVER 27 STATE COM 121H & 131H)

**COLGATE ENERGY LLC**  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 28, 2020



SEE NEXT SHEET (2-6) FOR DESCRIPTION

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 28 DAY OF JANUARY 2020



MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

**SURVEY NO. 7871A**

**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 1-6**

**MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO**

**ACCESS ROAD PLAT**  
**ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 1 (WEAVER 27 STATE COM 121H & 131H)**

**COLGATE ENERGY LLC**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.**  
**EDDY COUNTY, STATE OF NEW MEXICO**  
**JANUARY 28, 2020**

**DESCRIPTION**

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE NW/4 SE/4 OF SAID SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE EAST QUARTER CORNER OF SAID SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N71°40'42"E, A DISTANCE OF 2024.18 FEET;  
THENCE S52°26'47"W A DISTANCE OF 21.79 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S01°01'03"W A DISTANCE OF 304.66 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S00°22'37"W A DISTANCE OF 947.62 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S24°20'24"W A DISTANCE OF 110.59 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S41°42'57"W A DISTANCE OF 167.77 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S41°49'10"W A DISTANCE OF 714.70 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTHEAST CORNER OF SAID SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N89°35'26"E, A DISTANCE OF 2585.15 FEET;

SAID STRIP OF LAND BEING 2267.13 FEET OR 137.40 RODS IN LENGTH, CONTAINING 1.561 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

|           |              |            |             |
|-----------|--------------|------------|-------------|
| NW/4 SE/4 | 707.55 L.F.  | 42.88 RODS | 0.487 ACRES |
| SW/4 SE/4 | 1559.58 L.F. | 94.52 RODS | 1.074 ACRES |

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,  
NEW MEXICO, THIS 28 DAY OF JANUARY 2020

**GENERAL NOTES**

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 2-6**

**MADRON SURVEYING, INC.**



MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

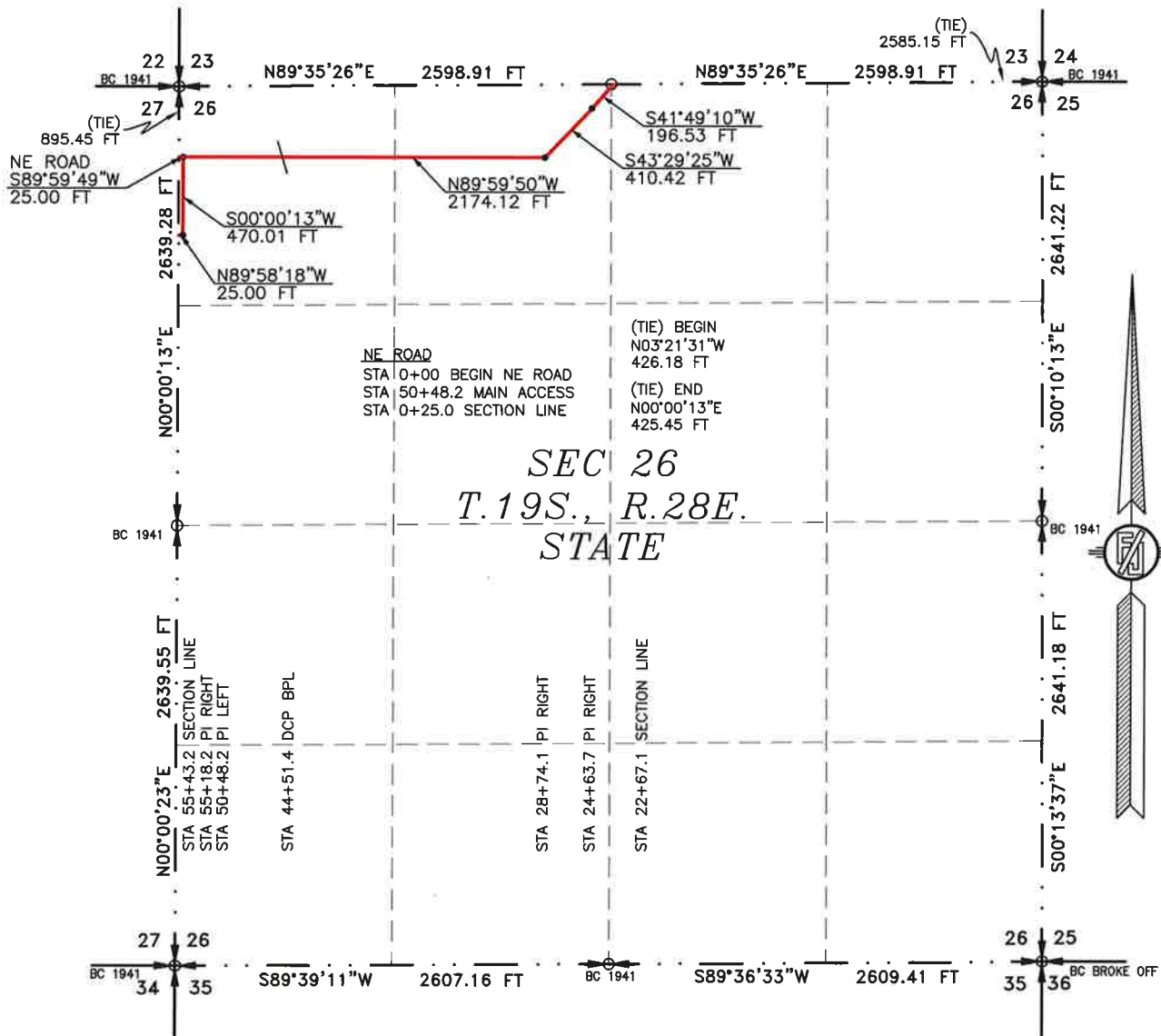
**SURVEY NO. 7871A**

**CARLSBAD, NEW MEXICO**

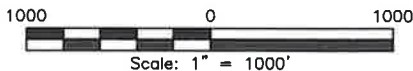
EX-A EX-1016

**ACCESS ROAD PLAT**  
ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 1 (WEAVER 27 STATE COM 121H & 131H)

**COLGATE ENERGY LLC**  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 28, 2020



SEE NEXT SHEET (4-6) FOR DESCRIPTION



**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 3-6

MADRON SURVEYING, INC.

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 28 DAY OF JANUARY 2020



MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

SURVEY NO. 7871A

CARLSBAD, NEW MEXICO

EX.A EX.1 017

## ACCESS ROAD PLAT

ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 1 (WEAVER 27 STATE COM 121H & 131H)

**COLGATE ENERGY LLC**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.**  
**EDDY COUNTY, STATE OF NEW MEXICO**  
**JANUARY 28, 2020**

### DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

#### MAIN ACCESS ROAD

BEGINNING AT A POINT WITHIN THE NW/4 NE/4 OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE NORTHEAST CORNER OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N89°35'26"E, A DISTANCE OF 2585.15 FEET;

THENCE S41°49'10"W A DISTANCE OF 196.53 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S43°29'25"W A DISTANCE OF 410.42 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE N89°59'50"W A DISTANCE OF 2174.12 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S00°00'13"W A DISTANCE OF 470.01 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE N89°58'18"W A DISTANCE OF 25.00 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHWEST CORNER OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N00°00'13"E, A DISTANCE OF 895.45 FEET;

SAID STRIP OF LAND BEING 3276.08 FEET OR 198.55 RODS IN LENGTH, CONTAINING 2.256 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

|           |              |             |             |
|-----------|--------------|-------------|-------------|
| NW/4 NE/4 | 20.60 L.F.   | 1.25 RODS   | 0.014 ACRES |
| NE/4 NW/4 | 1485.72 L.F. | 90.04 RODS  | 1.023 ACRES |
| NW/4 NW/4 | 1769.76 L.F. | 107.26 RODS | 1.219 ACRES |

#### NORTHEAST ACCESS ROAD

BEGINNING AT A POINT WITHIN THE NW/4 NW/4 OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE NORTHWEST CORNER OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N03°21'31"W, A DISTANCE OF 426.18 FEET;

THENCE S89°59'49"W A DISTANCE OF 25.00 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHWEST CORNER OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N00°00'13"E, A DISTANCE OF 425.45 FEET;

SAID STRIP OF LAND BEING 25.00 FEET OR 1.52 RODS IN LENGTH, CONTAINING 0.017 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

|           |            |           |             |
|-----------|------------|-----------|-------------|
| NW/4 NW/4 | 25.00 L.F. | 1.52 RODS | 0.017 ACRES |
|-----------|------------|-----------|-------------|

#### GENERAL NOTES

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 4-6

MADRON SURVEYING, INC.

#### SURVEYOR CERTIFICATE

I, FILMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 28 DAY OF JANUARY 2020



MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

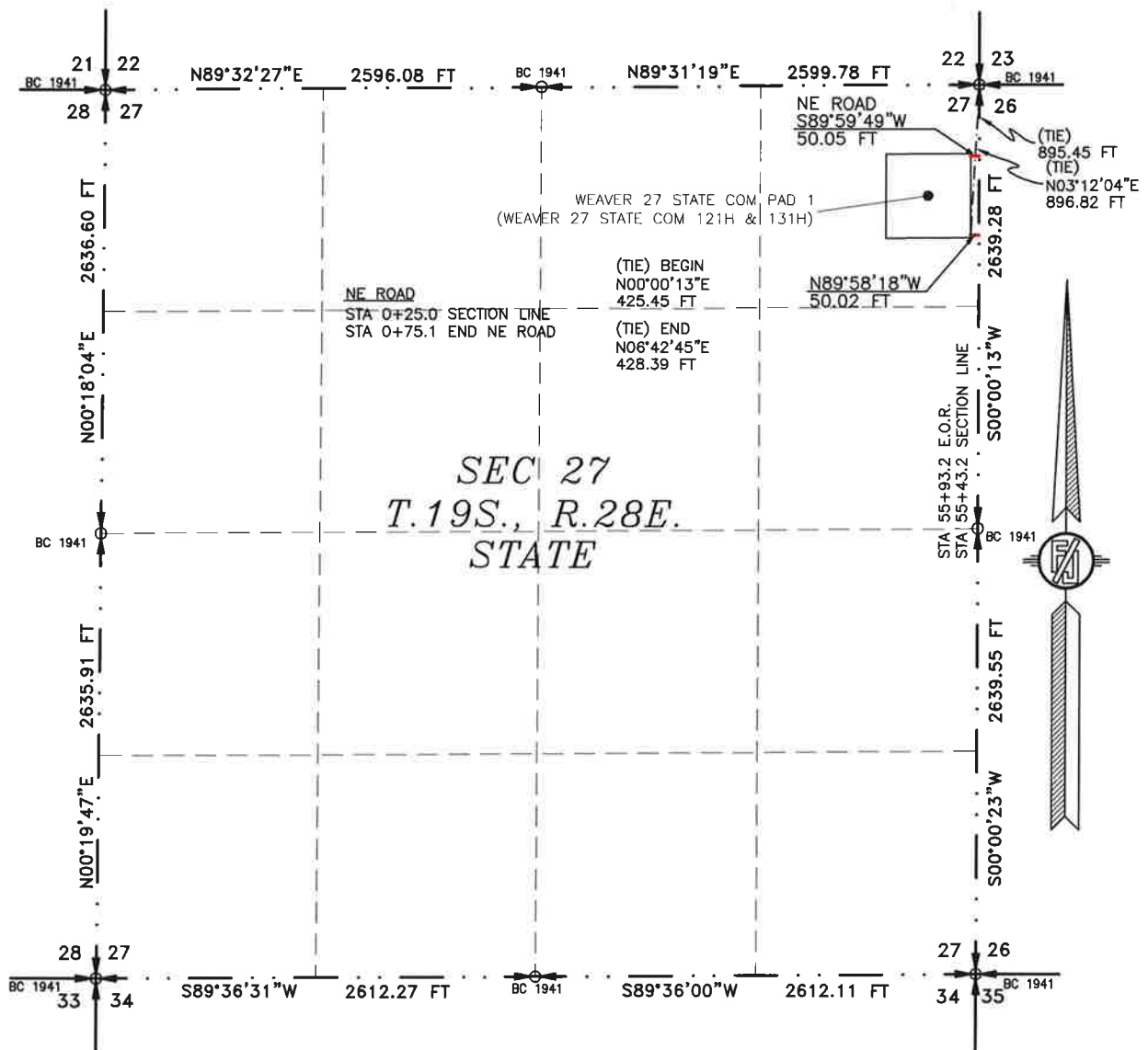
SURVEY NO. 7871A

CARLSBAD, NEW MEXICO

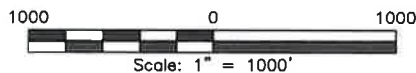


**ACCESS ROAD PLAT**  
ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 1 (WEAVER 27 STATE COM 121H & 131H)

**COLGATE ENERGY LLC**  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 28, 2020



SEE NEXT SHEET (6-6) FOR DESCRIPTION



**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 5-6**

**MADRON SURVEYING, INC.**

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,  
NEW MEXICO, THIS 28 DAY OF JANUARY 2020



MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

**SURVEY NO. 7871A**  
**CARLSBAD, NEW MEXICO**

EX-A EX-1019

## ACCESS ROAD PLAT

ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 1 (WEAVER 27 STATE COM 121H & 131H)

**COLGATE ENERGY LLC**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.**  
**EDDY COUNTY, STATE OF NEW MEXICO**  
**JANUARY 28, 2020**

### DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

#### MAIN ACCESS ROAD

BEGINNING AT A POINT WITHIN THE NE/4 NE/4 OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE NORTHEAST CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N00°00'13"E, A DISTANCE OF 895.45 FEET;

THENCE N89°58'18"W A DISTANCE OF 50.02 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHEAST CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N03°12'04"E, A DISTANCE OF 896.82 FEET;

SAID STRIP OF LAND BEING 50.02 FEET OR 3.03 RODS IN LENGTH, CONTAINING 0.034 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NE/4 NE/4 50.02 L.F. 3.03 RODS 0.034 ACRES

#### NORTHEAST ACCESS ROAD

BEGINNING AT A POINT WITHIN THE NE/4 NE/4 OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE NORTHEAST CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N00°00'13"E, A DISTANCE OF 425.45 FEET;

THENCE S89°59'49"W A DISTANCE OF 50.05 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHEAST CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N06°42'45"E, A DISTANCE OF 428.39 FEET;

SAID STRIP OF LAND BEING 50.05 FEET OR 3.03 RODS IN LENGTH, CONTAINING 0.034 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NE/4 NE/4 50.05 L.F. 3.03 RODS 0.034 ACRES

### SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,  
NEW MEXICO, THIS 28 DAY OF JANUARY 2020

### GENERAL NOTES

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 6-6

MADRON SURVEYING, INC.



MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

SURVEY NO. 7871A

CARLSBAD, NEW MEXICO

EX.A EX.1 020

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| <sup>1</sup> API Number          | <sup>2</sup> Pool Code                            | <sup>3</sup> Pool Name           |
|----------------------------------|---|----------------------------------|
| <sup>4</sup> Property Code       | <sup>5</sup> Property Name<br>WEAVER 27 STATE COM | <sup>6</sup> Well Number<br>122H |
| <sup>7</sup> OGRID No.<br>371449 | <sup>8</sup> Operator Name<br>COLGATE ENERGY LLC  | <sup>9</sup> Elevation<br>3344.1 |

<sup>10</sup> Surface Location

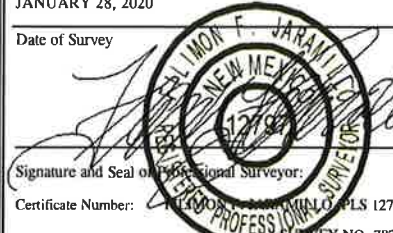
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| H             | 27      | 19 S     | 28 E  |         | 1975          | NORTH            | 270           | EAST           | EDDY   |

<sup>11</sup> Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| E             | 28      | 19 S     | 28 E  |         | 2310          | NORTH            | 10            | WEST           | EDDY   |

| <sup>12</sup> Dedicated Acres | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|-------------------------------|-------------------------------|----------------------------------|-------------------------|
|                               |                               |                                  |                         |

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

|   |  |
|---|--|
| <p><b>17 OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> |  |
| <p><b>18 SURVEYOR CERTIFICATION</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>JANUARY 28, 2020</p> <p>Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor: </p> <p>Certificate Number: _____</p>  |  |

Intent ☐ As Drilled ☐

|   |  |                            |
|---|--|----------------------------|
| API #                                       |  |                            |
| Operator Name:<br><b>COLGATE ENERGY LLC</b> | Property Name:<br><b>WEAVER 27 STATE COM</b> | Well Number<br><b>122H</b> |

Kick Off Point (KOP)

|                               |                      |                        |                     |     |                                 |                          |                    |                         |                       |
|-------------------------------|----------------------|------------------------|---------------------|-----|---------------------------------|--------------------------|--------------------|-------------------------|-----------------------|
| UL<br><b>H</b>                | Section<br><b>27</b> | Township<br><b>19S</b> | Range<br><b>28E</b> | Lot | Feet<br><b>1975</b>             | From N/S<br><b>NORTH</b> | Feet<br><b>270</b> | From E/W<br><b>EAST</b> | County<br><b>EDDY</b> |
| Latitude<br><b>32.6336053</b> |                      |                        |                     |     | Longitude<br><b>104.1566921</b> |                          |                    | NAD<br><b>83</b>        |                       |

First Take Point (FTP)

|                               |                      |                        |                     |     |                                 |                          |                    |                         |                       |
|-------------------------------|----------------------|------------------------|---------------------|-----|---------------------------------|--------------------------|--------------------|-------------------------|-----------------------|
| UL<br><b>H</b>                | Section<br><b>27</b> | Township<br><b>19S</b> | Range<br><b>28E</b> | Lot | Feet<br><b>2310</b>             | From N/S<br><b>NORTH</b> | Feet<br><b>100</b> | From E/W<br><b>EAST</b> | County<br><b>EDDY</b> |
| Latitude<br><b>32.6326878</b> |                      |                        |                     |     | Longitude<br><b>104.1561419</b> |                          |                    | NAD<br><b>83</b>        |                       |

Last Take Point (LTP)

|                               |                      |                        |                     |     |                                 |                          |                    |                         |                       |
|-------------------------------|----------------------|------------------------|---------------------|-----|---------------------------------|--------------------------|--------------------|-------------------------|-----------------------|
| UL<br><b>E</b>                | Section<br><b>28</b> | Township<br><b>19S</b> | Range<br><b>28E</b> | Lot | Feet<br><b>2310</b>             | From N/S<br><b>NORTH</b> | Feet<br><b>100</b> | From E/W<br><b>WEST</b> | County<br><b>EDDY</b> |
| Latitude<br><b>32.6324913</b> |                      |                        |                     |     | Longitude<br><b>104.1893463</b> |                          |                    | NAD<br><b>83</b>        |                       |

Is this well the defining well for the Horizontal Spacing Unit? ☐

Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

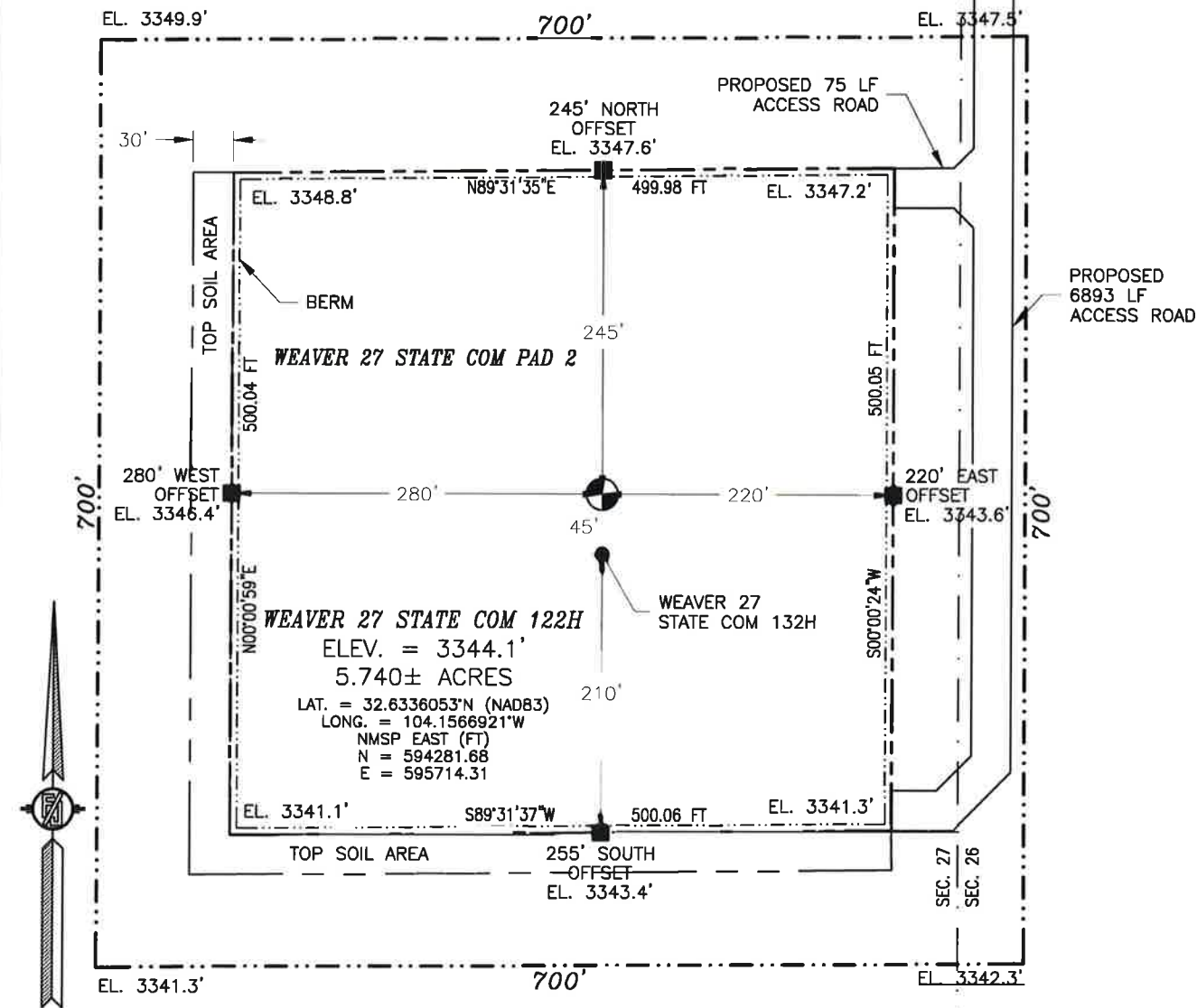
|                |                |             |
|----------------|----------------|-------------|
| API #          |                |             |
| Operator Name: | Property Name: | Well Number |

KZ 06/29/2018



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
**SITE MAP**

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE



012 60 120 240  
SCALE 1" = 120'

**DIRECTIONS TO LOCATION**

FROM THE INTERSECTION OF CR. 206 & CR. 235 (CURRY COMBS) GO SOUTHEAST ON CR. 235 APPROX. 3.0 MILES TO "Y" INTERSECTION, STAY RIGHT CONTINUE SOUTHEAST GO APPROX. 1.8 MILES, ROAD TURNS RIGHT (SOUTH) GO SOUTH APPROX. 0.7 OF A MILE, TURN LEFT GO EAST 621', TURN RIGHT ON MILLMAN ROAD GO SOUTH-SOUTHEAST APPROX. 3315', TURN RIGHT GO SOUTH-SOUTHWEST AND FOLLOW ROAD LATHS 2874', TURN RIGHT GO WEST 2174', TURN LEFT GO SOUTH-WEST 1845' (TOTAL 6893') TO THE SOUTHEAST PAD CORNER FOR THIS LOCATION.

I, FILMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

FILMON F. JARAMILLO, PLS. 12797

**MADRON SURVEYING, INC.**

301 SOUTH CANAL  
(575) 234-3341

**CARLSBAD, NEW MEXICO**

**COLGATE ENERGY LLC**

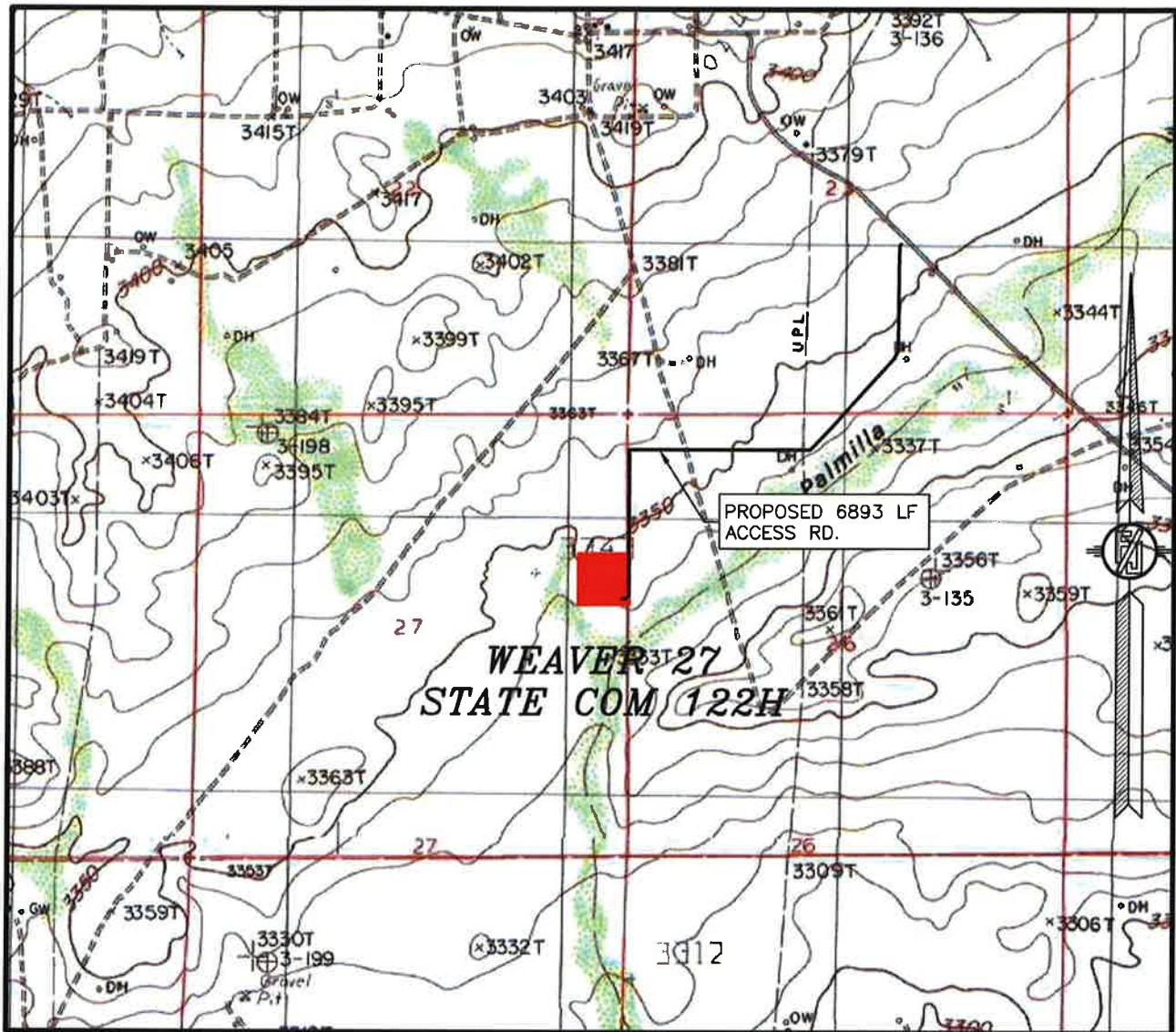
**WEAVER 27 STATE COM 122H**

LOCATED 1975 FT. FROM THE NORTH LINE  
AND 270 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

SURVEY NO. 7872B

SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
LOCATION VERIFICATION MAP



USGS QUAD MAP:  
ILLINOIS CAMP

NOT TO SCALE

COLGATE ENERGY LLC  
**WEAVER 27 STATE COM 122H**  
LOCATED 1975 FT. FROM THE NORTH LINE  
AND 270 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

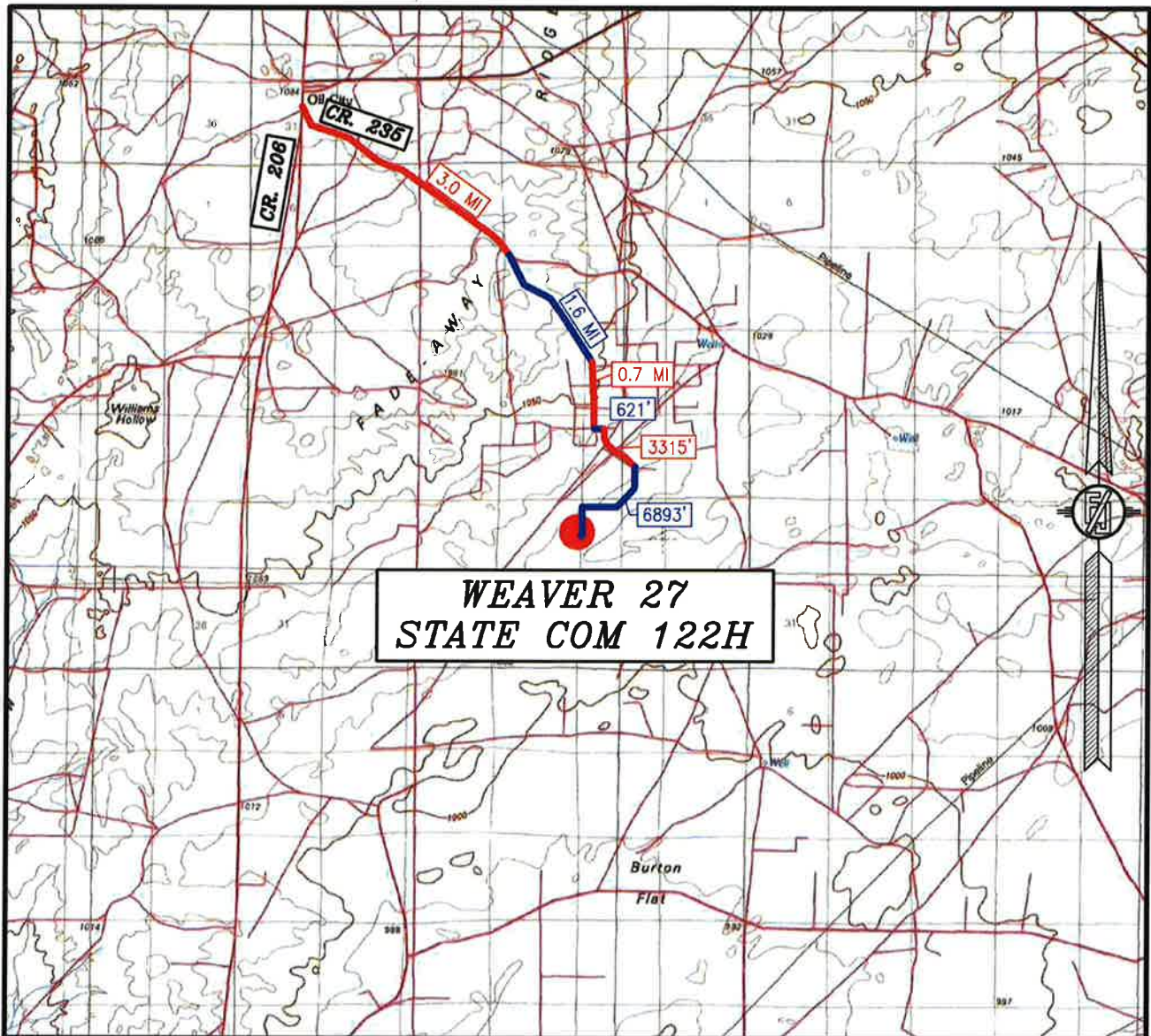
JANUARY 29, 2020

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SURVEY NO. 7872B



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

**DIRECTIONS TO LOCATION**

FROM THE INTERSECTION OF CR. 206 & CR. 235 (CURRY COMBS) GO SOUTHEAST ON CR. 235 APPROX. 3.0 MILES TO "Y" INTERSECTION, STAY RIGHT CONTINUE SOUTHEAST GO APPROX. 1.6 MILES, ROAD TURNS RIGHT (SOUTH) GO SOUTH APPROX. 0.7 OF A MILE, TURN LEFT GO EAST 621', TURN RIGHT ON MILLMAN ROAD GO SOUTH-SOUTHEAST APPROX. 3315', TURN RIGHT GO SOUTH-SOUTHWEST AND FOLLOW ROAD LATHS 2874', TURN RIGHT GO WEST 2174', TURN LEFT GO SOUTH-WEST 1845' (TOTAL 6893') TO THE SOUTHEAST PAD CORNER FOR THIS LOCATION.

COLGATE ENERGY LLC  
**WEAVER 27 STATE COM 122H**  
LOCATED 1975 FT. FROM THE NORTH LINE  
AND 270 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

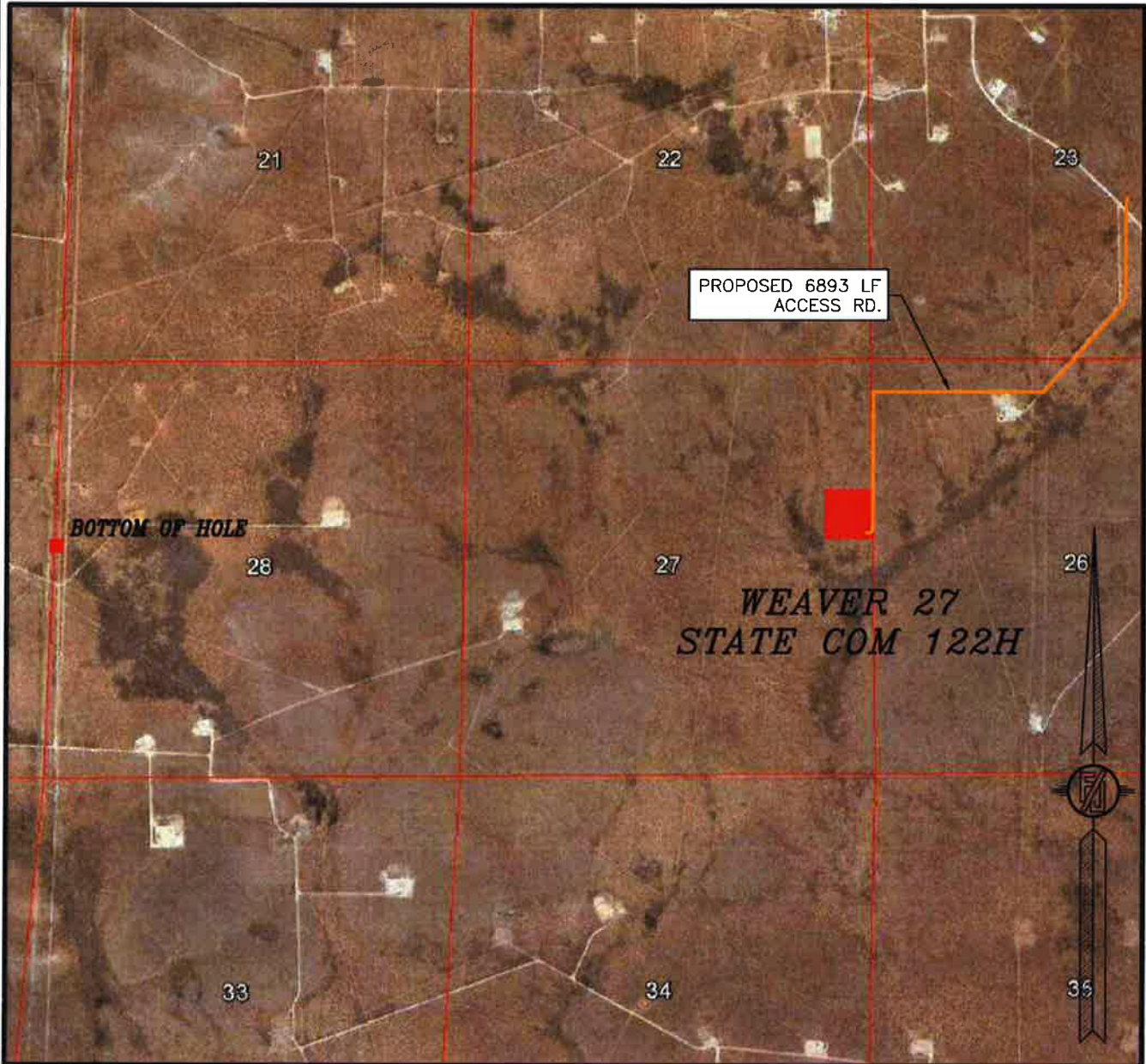
SURVEY NO. 7872B

MADRON SURVEYING, INC. 301 SOUTH CANAL  
(575) 234-3341

CARLSBAD, NEW MEXICO



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
**AERIAL PHOTO**



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
MARCH 2016

**COLGATE ENERGY LLC**  
**WEAVER 27 STATE COM 122H**  
LOCATED 1975 FT. FROM THE NORTH LINE  
AND 270 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

MADRON SURVEYING, INC.

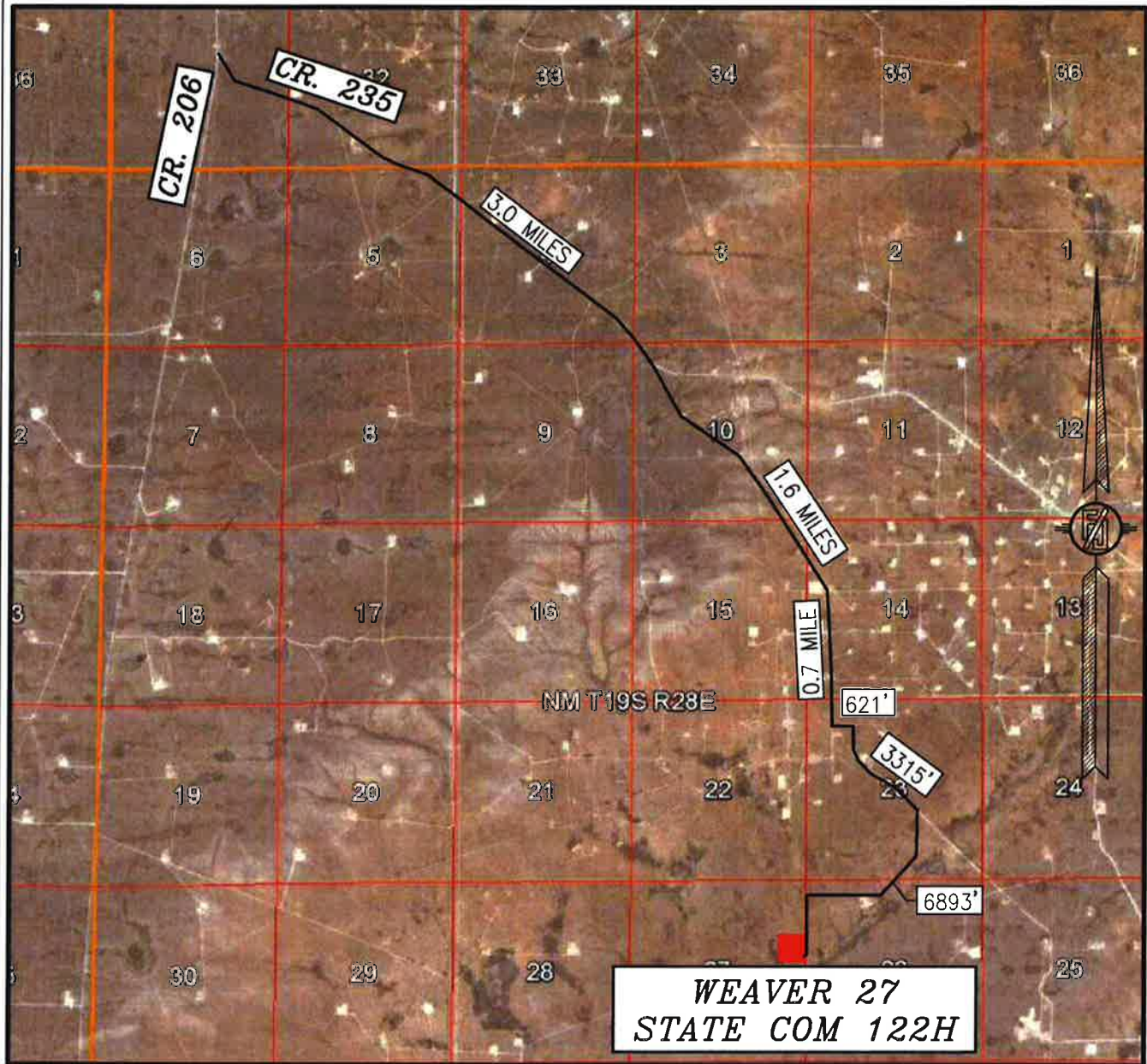
301 SOUTH CANAL  
(575) 234-3341

CARLSBAD, NEW MEXICO

SURVEY NO. 7872B



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO  
 ACCESS AERIAL ROUTE MAP



NOT TO SCALE  
 AERIAL PHOTO:  
 GOOGLE EARTH  
 MARCH 2016

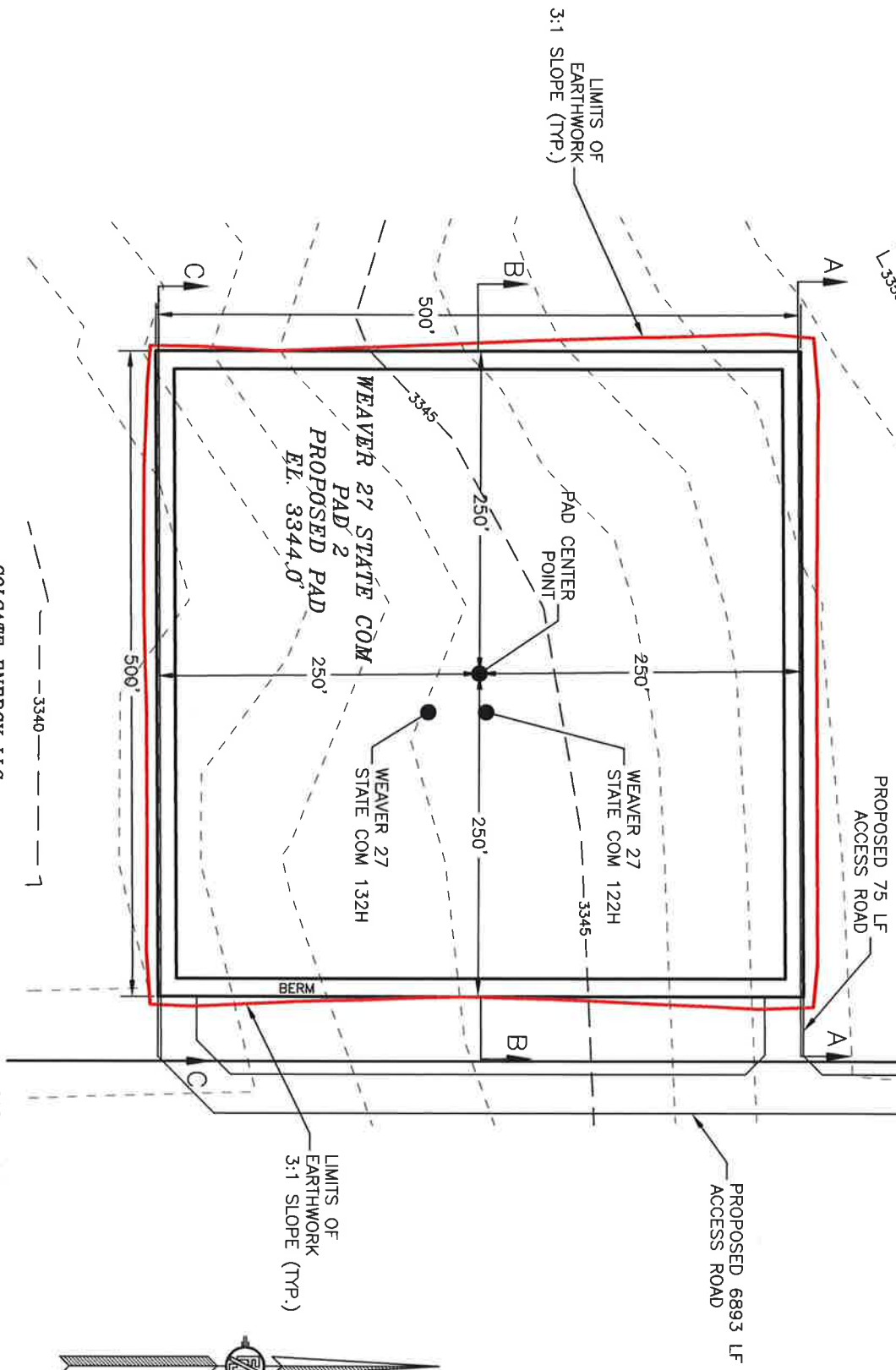
COLGATE ENERGY LLC  
**WEAVER 27 STATE COM 122H**  
 LOCATED 1975 FT. FROM THE NORTH LINE  
 AND 270 FT. FROM THE EAST LINE OF  
 SECTION 27, TOWNSHIP 19 SOUTH,  
 RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

MADRON SURVEYING, INC. 301 SOUTH CANAL  
 (575) 231-5341

SURVEY NO. 7872B  
 CARLSBAD, NEW MEXICO

# PLAN VIEW



I, FILMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.



**COLGATE ENERGY LLC**  
**GRADING PLAN AND CROSS SECTIONS**  
**FOR WEAVER 27 STATE COM 122H**  
 SECTION 27, TOWNSHIP 19 SOUTH,  
 RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

301 SOUTH CANAL  
 (575) 234-3341  
**CARLSBAD, NEW MEXICO**

| CUT          | FILL        | NET               |
|--------------|-------------|-------------------|
| 10678 CU. YD | 5933 CU. YD | 4746 CU. YD (CUT) |

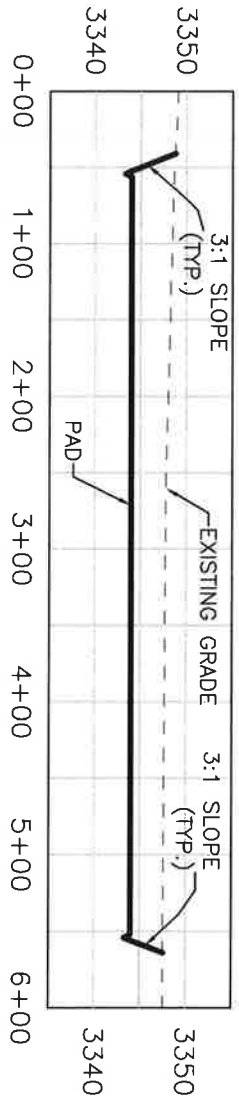
EARTHWORK QUANTITIES ARE ESTIMATED

SHEET 1-2  
 SURVEY NO. 7872B

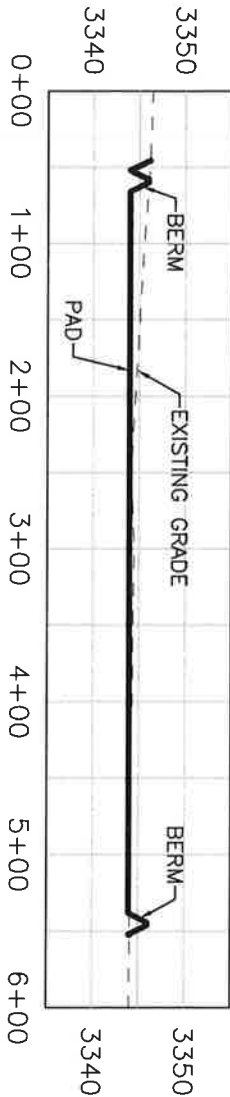


# CROSS-SECTIONS

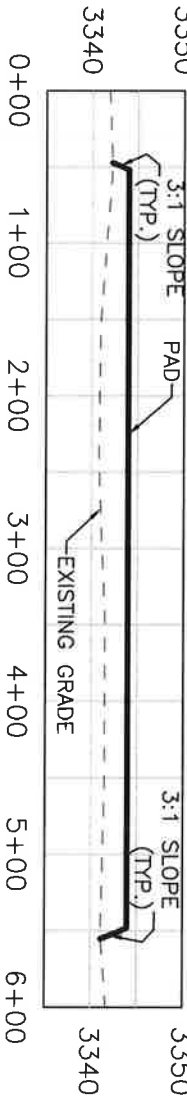
SECTION A-A



SECTION B-B



SECTION C-C



I, FILMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY. THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

COLCATE ENERGY LLC  
GRADING PLAN AND CROSS SECTIONS  
FOR **WEAVER 27 STATE COM 122H**  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

MASSON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO

(375) 234-5541

SHEET 2-2  
SURVEY NO. 7872B

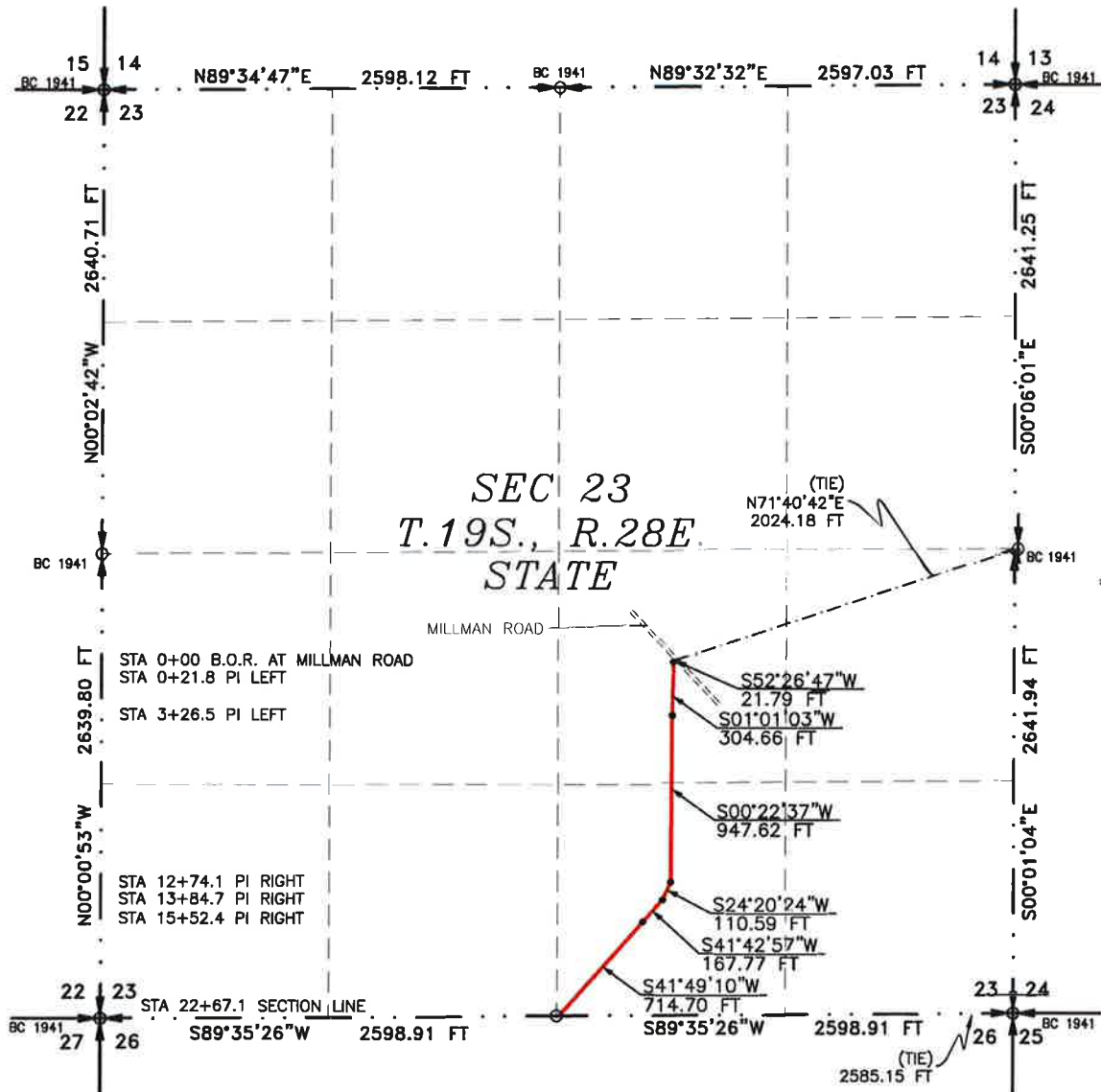
012 60 120 240  
SCALE 1" = 120' - 1" = 20' VER

EARTHWORK QUANTITIES ARE ESTIMATED

| CUT          | FILL        | NET               |
|--------------|-------------|-------------------|
| 10678 CU. YD | 5833 CU. YD | 4746 CU. YD (CUT) |



COLGATE ENERGY LLC  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 29, 2020



*SHEET: 1-6*

MADRON SURVEYING, INC. 301 SOUTH ALBUQUERQUE BLVD., SUITE 200, ALBUQUERQUE, NEW MEXICO 87106 (505) 234-1555

*SURVEY NO. 7872B*

NEW MEXICO



**ACCESS ROAD PLAT**  
**ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 2 (WEAVER 27 STATE COM 122H & 132H)**

**COLGATE ENERGY LLC**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.**  
**EDDY COUNTY, STATE OF NEW MEXICO**  
**JANUARY 29, 2020**

**DESCRIPTION**

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE NW/4 SE/4 OF SAID SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE EAST QUARTER CORNER OF SAID SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N71°40'42"E, A DISTANCE OF 2024.18 FEET;  
THENCE S52°26'47"W A DISTANCE OF 21.79 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S01°01'03"W A DISTANCE OF 304.66 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S00°22'37"W A DISTANCE OF 947.62 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S24°20'24"W A DISTANCE OF 110.59 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S41°42'57"W A DISTANCE OF 167.77 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S41°49'10"W A DISTANCE OF 714.70 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTHEAST CORNER OF SAID SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N89°35'26"E, A DISTANCE OF 2585.15 FEET;

SAID STRIP OF LAND BEING 2267.13 FEET OR 137.40 RODS IN LENGTH, CONTAINING 1.561 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NW/4 SE/4 707.55 L.F. 42.88 RODS 0.487 ACRES  
SW/4 SE/4 1559.58 L.F. 94.52 RODS 1.074 ACRES

**GENERAL NOTES**

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 2-6**

**MADRON SURVEYING, INC.**

**SURVEYOR CERTIFICATE**

I, FILMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,  
NEW MEXICO, THIS 30 DAY OF JANUARY 2020



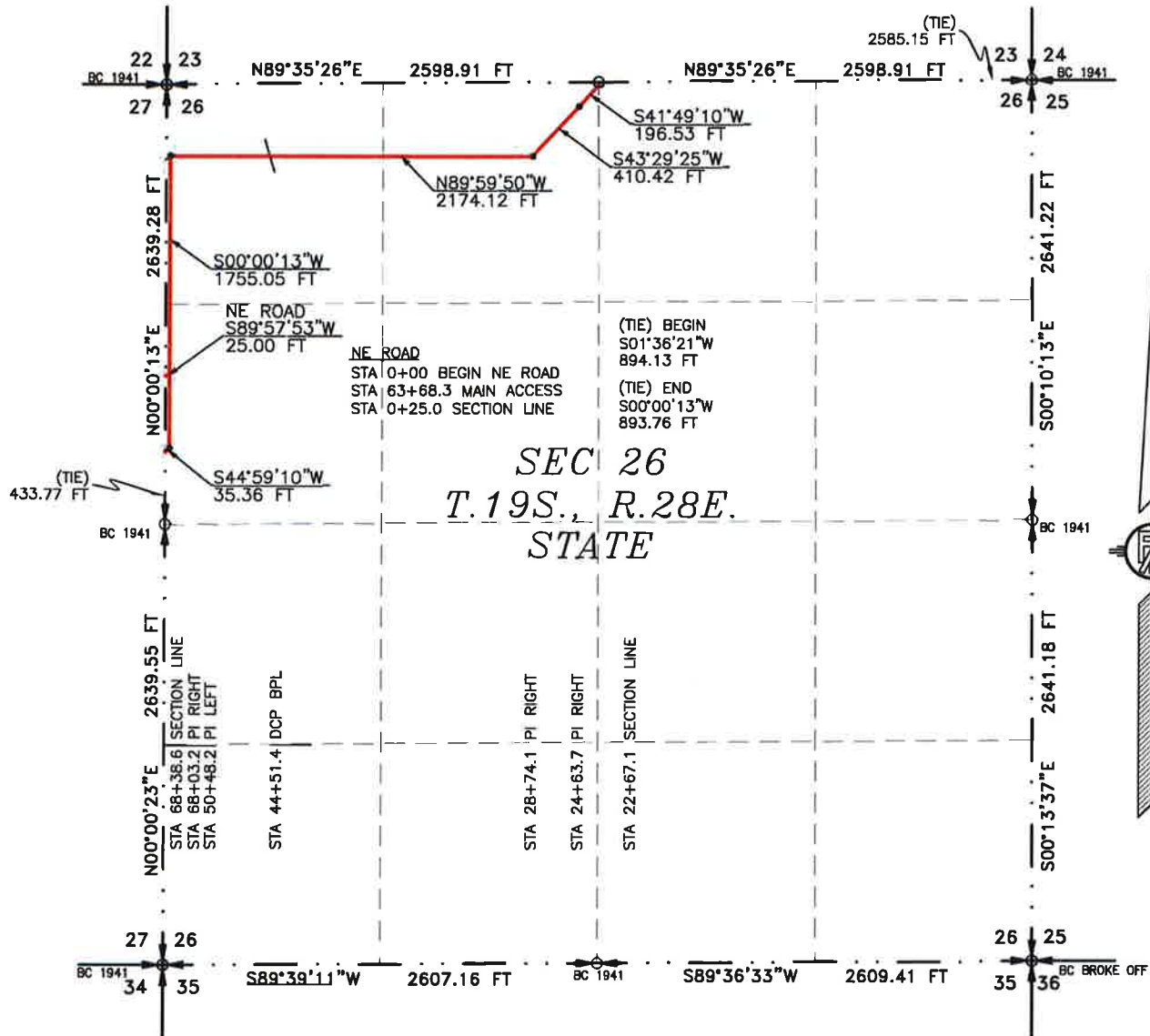
MADRON SURVEYING, INC.  
301 SOUTH CAHAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

**SURVEY NO. 7872B**

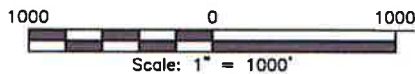
**CARLSBAD, NEW MEXICO**

**ACCESS ROAD PLAT**  
ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 2 (WEAVER 27 STATE COM 122H & 132H)

**COLGATE ENERGY LLC**  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 29, 2020



SEE NEXT SHEET (4-6) FOR DESCRIPTION



**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 3-6

MADRON SURVEYING, INC.

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,

NEW MEXICO, THIS 30 DAY OF JANUARY 2020



MADRON SURVEYING, INC.  
301 SOUTH CAJAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

SURVEY NO. 7872B

CARLSBAD, NEW MEXICO

**ACCESS ROAD PLAT**  
**ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 2 (WEAVER 27 STATE COM 122H & 132H)**

**COLGATE ENERGY LLC**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.**  
**EDDY COUNTY, STATE OF NEW MEXICO**  
**JANUARY 29, 2020**

**DESCRIPTION**

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

**MAIN ACCESS ROAD**

BEGINNING AT A POINT WITHIN THE NW/4 NE/4 OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE NORTHEAST CORNER OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N89°35'26"E, A DISTANCE OF 2585.15 FEET;

THENCE S41°49'10"W A DISTANCE OF 196.53 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S43°29'25"W A DISTANCE OF 410.42 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE N89°59'50"W A DISTANCE OF 2174.12 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S00°00'13"W A DISTANCE OF 1755.05 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S44°59'10"W A DISTANCE OF 35.36 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE WEST QUARTER CORNER OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S00°00'13"W, A DISTANCE OF 433.77 FEET;

SAID STRIP OF LAND BEING 4571.48 FEET OR 277.06 RODS IN LENGTH, CONTAINING 3.148 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

|           |              |             |             |
|-----------|--------------|-------------|-------------|
| NW/4 NE/4 | 20.60 L.F.   | 1.25 RODS   | 0.014 ACRES |
| NE/4 NW/4 | 1485.72 L.F. | 90.04 RODS  | 1.023 ACRES |
| NW/4 NW/4 | 2168.77 L.F. | 131.44 RODS | 1.494 ACRES |
| SW/4 NW/4 | 896.39 L.F.  | 54.33 RODS  | 0.617 ACRES |

**NORTHEAST ACCESS ROAD**

BEGINNING AT A POINT WITHIN THE SW/4 NW/4 OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE WEST QUARTER CORNER OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S01°36'21"W, A DISTANCE OF 894.13 FEET;

THENCE S89°57'53"W A DISTANCE OF 25.00 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE WEST QUARTER CORNER OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S00°00'13"W, A DISTANCE OF 893.76 FEET;

SAID STRIP OF LAND BEING 25.00 FEET OR 1.52 RODS IN LENGTH, CONTAINING 0.017 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

|           |            |           |             |
|-----------|------------|-----------|-------------|
| SW/4 NW/4 | 25.00 L.F. | 1.52 RODS | 0.017 ACRES |
|-----------|------------|-----------|-------------|

**GENERAL NOTES**

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 4-6**

**MADRON SURVEYING, INC.** 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3341

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 30 DAY OF JANUARY 2020

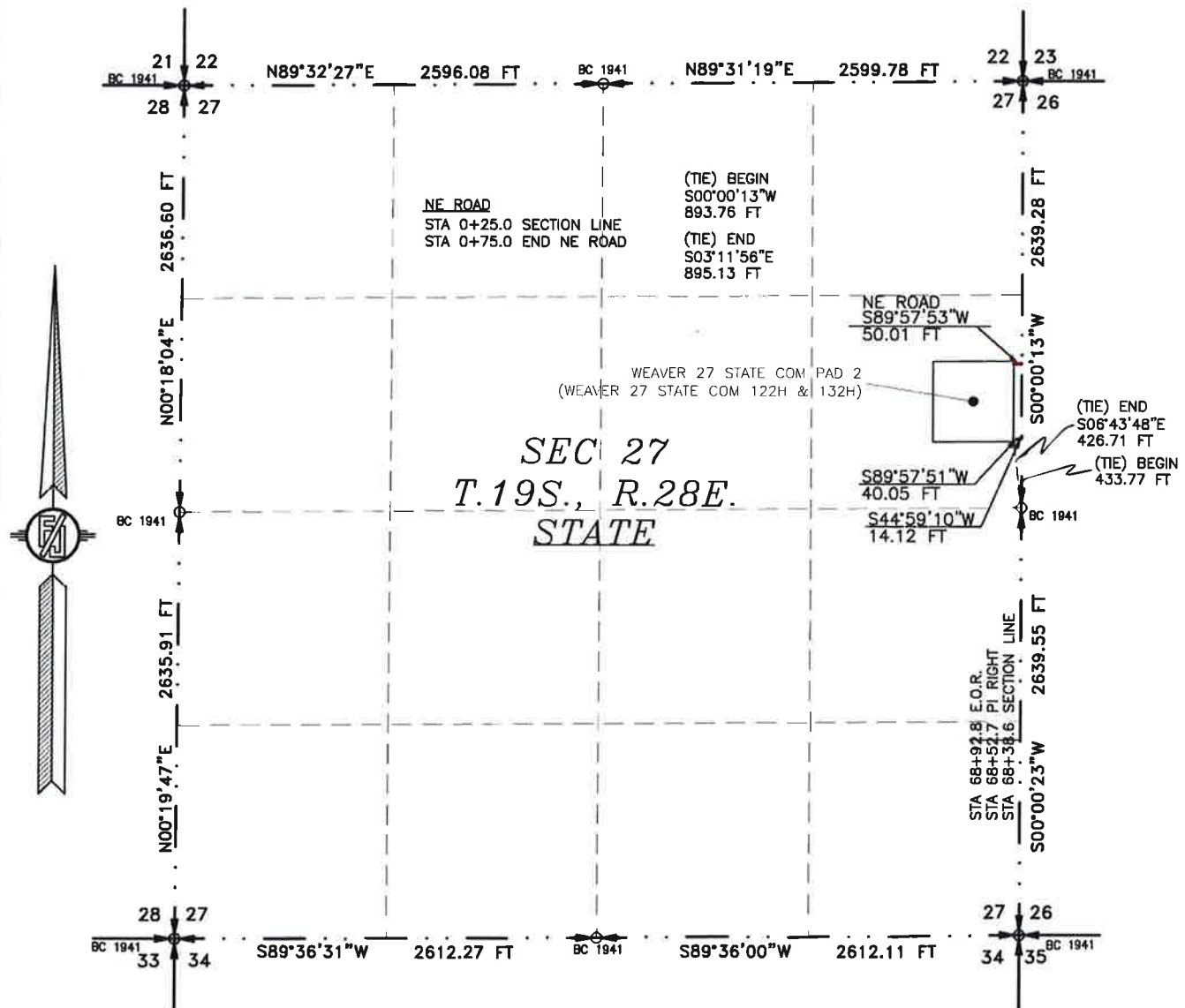


MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

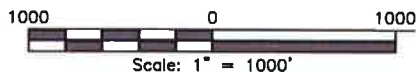
**SURVEY NO. 7872B**

**ACCESS ROAD PLAT**  
ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 2 (WEAVER 27 STATE COM 122H & 132H)

**COLGATE ENERGY LLC**  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 29, 2020



SEE NEXT SHEET (6-6) FOR DESCRIPTION



**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 5-6

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3341

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 30 DAY OF JANUARY 2020



MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

SURVEY NO. 7872B



**ACCESS ROAD PLAT**  
**ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 2 (WEAVER 27 STATE COM 122H & 132H)**

**COLGATE ENERGY LLC**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.**  
**EDDY COUNTY, STATE OF NEW MEXICO**  
**JANUARY 29, 2020**

**DESCRIPTION**

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

**MAIN ACCESS ROAD**

BEGINNING AT A POINT WITHIN THE SE/4 NE/4 OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE EAST QUARTER CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S00°00'13"W, A DISTANCE OF 433.77 FEET;

THENCE S44°59'10"W A DISTANCE OF 14.12 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S89°57'51"W A DISTANCE OF 40.05 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE EAST QUARTER CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S06°43'48"E, A DISTANCE OF 426.71 FEET;

SAID STRIP OF LAND BEING 54.17 FEET OR 3.28 RODS IN LENGTH, CONTAINING 0.037 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SE/4 NE/4 54.17 L.F. 3.28 RODS 0.037 ACRES

**NORTHEAST ACCESS ROAD**

BEGINNING AT A POINT WITHIN THE SE/4 NE/4 OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE EAST QUARTER CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S00°00'13"W, A DISTANCE OF 893.76 FEET;

THENCE S89°57'53"W A DISTANCE OF 50.01 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE EAST QUARTER CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S03°11'56"E, A DISTANCE OF 895.13 FEET;

SAID STRIP OF LAND BEING 50.01 FEET OR 3.03 RODS IN LENGTH, CONTAINING 0.034 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SE/4 NE/4 50.01 L.F. 3.03 RODS 0.034 ACRES

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,  
NEW MEXICO, THIS 30 DAY OF JANUARY 2020



MADRON SURVEYING, INC.  
301 SOUTH CAHAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

**SURVEY NO. 7872B**

**GENERAL NOTES**

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 6-6**

**MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO**

EX.A EX.2 035

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|   |  |  |  |                        |   |
|---|--|--|--|------------------------|---|
| <sup>1</sup> API Number                 |  | <sup>2</sup> Pool Code                                   |  | <sup>3</sup> Pool Name |   |
| <sup>4</sup> Property Code              |  | <sup>5</sup> Property Name<br><b>WEAVER 27 STATE COM</b> |  |                        | <sup>6</sup> Well Number<br><b>131H</b> |
| <sup>7</sup> OGRID No.<br><b>371449</b> |  | <sup>8</sup> Operator Name<br><b>COLGATE ENERGY LLC</b>  |  |                        | <sup>9</sup> Elevation<br><b>3357.3</b> |

<sup>10</sup> Surface Location

| UL or lot no. | Section   | Township    | Range       | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County      |
|---------------|-----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>A</b>      | <b>27</b> | <b>19 S</b> | <b>28 E</b> |         | <b>700</b>    | <b>NORTH</b>     | <b>270</b>    | <b>EAST</b>    | <b>EDDY</b> |

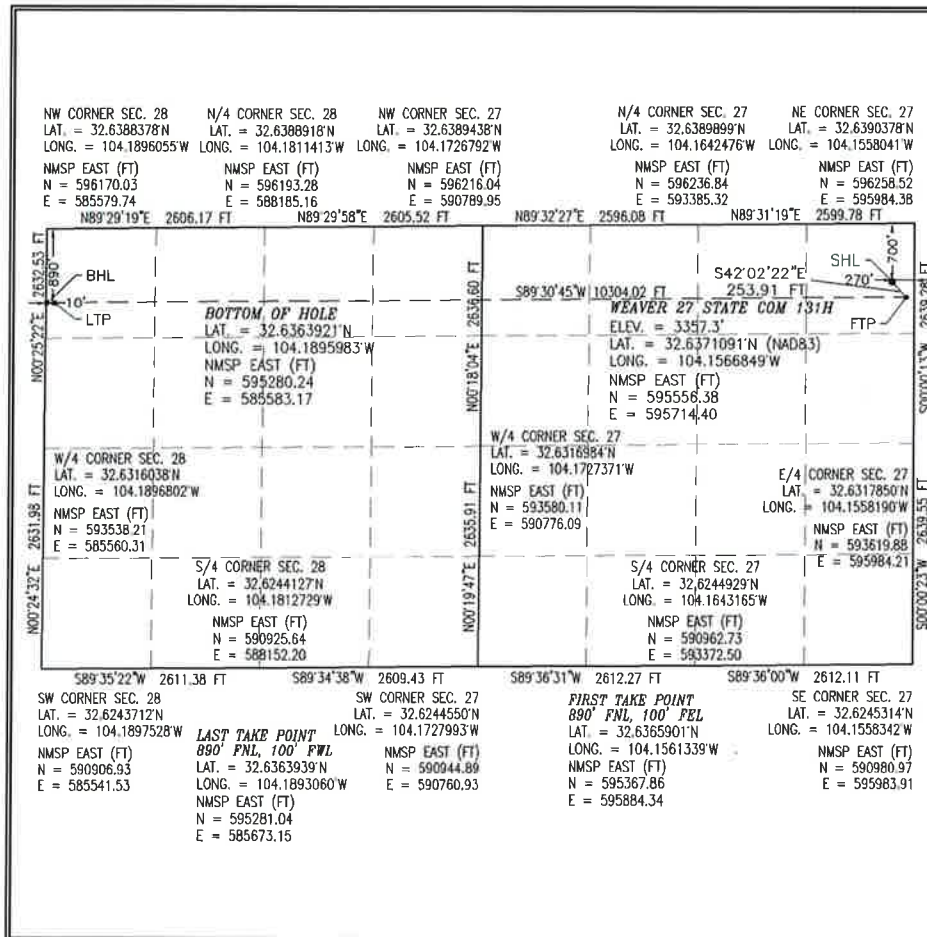
<sup>11</sup> Bottom Hole Location If Different From Surface

| UL or lot no. | Section   | Township    | Range       | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County      |
|---------------|-----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>D</b>      | <b>28</b> | <b>19 S</b> | <b>28 E</b> |         | <b>890</b>    | <b>NORTH</b>     | <b>10</b>     | <b>WEST</b>    | <b>EDDY</b> |

|                               |                               |                                  |                         |
|-------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|-------------------------------|-------------------------------|----------------------------------|-------------------------|

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

|   |  |
|---|--|
| <p><b>17 OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> |  |
| <p><b>18 SURVEYOR CERTIFICATION</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>JANUARY 29, 2020<br/>Date of Survey</p> <p>Signature and Seal of Professional Surveyor _____<br/>Certificate Number: <b>PA PROFESSIONAL SURVEYOR, PLS 12797</b><br/>SURVEY NO. 7873B</p>   |  |



Intent ☐ As Drilled ☐

API #

Operator Name:

**COLGATE ENERGY LLC**

Property Name:

**WEAVER 27 STATE COM**

Well Number

**131H**

Kick Off Point (KOP)

| UL                | Section   | Township   | Range      | Lot | Feet               | From N/S     | Feet       | From E/W    | County      |
|-------------------|-----------|------------|------------|-----|--------------------|--------------|------------|-------------|-------------|
| <b>A</b>          | <b>27</b> | <b>19S</b> | <b>28E</b> |     | <b>700</b>         | <b>NORTH</b> | <b>270</b> | <b>EAST</b> | <b>EDDY</b> |
| Latitude          |           |            |            |     | Longitude          |              |            |             | NAD         |
| <b>32.6371091</b> |           |            |            |     | <b>104.1566849</b> |              |            |             | <b>83</b>   |

First Take Point (FTP)

| UL                | Section   | Township   | Range      | Lot | Feet               | From N/S     | Feet       | From E/W    | County      |
|-------------------|-----------|------------|------------|-----|--------------------|--------------|------------|-------------|-------------|
| <b>A</b>          | <b>27</b> | <b>19S</b> | <b>28E</b> |     | <b>890</b>         | <b>NORTH</b> | <b>100</b> | <b>EAST</b> | <b>EDDY</b> |
| Latitude          |           |            |            |     | Longitude          |              |            |             | NAD         |
| <b>32.6365901</b> |           |            |            |     | <b>104.1561339</b> |              |            |             | <b>83</b>   |

Last Take Point (LTP)

| UL                | Section   | Township   | Range      | Lot | Feet               | From N/S     | Feet       | From E/W    | County      |
|-------------------|-----------|------------|------------|-----|--------------------|--------------|------------|-------------|-------------|
| <b>D</b>          | <b>28</b> | <b>19S</b> | <b>28E</b> |     | <b>890</b>         | <b>NORTH</b> | <b>100</b> | <b>WEST</b> | <b>EDDY</b> |
| Latitude          |           |            |            |     | Longitude          |              |            |             | NAD         |
| <b>32.6363939</b> |           |            |            |     | <b>104.1893060</b> |              |            |             | <b>83</b>   |

Is this well the defining well for the Horizontal Spacing Unit? ☐

Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:

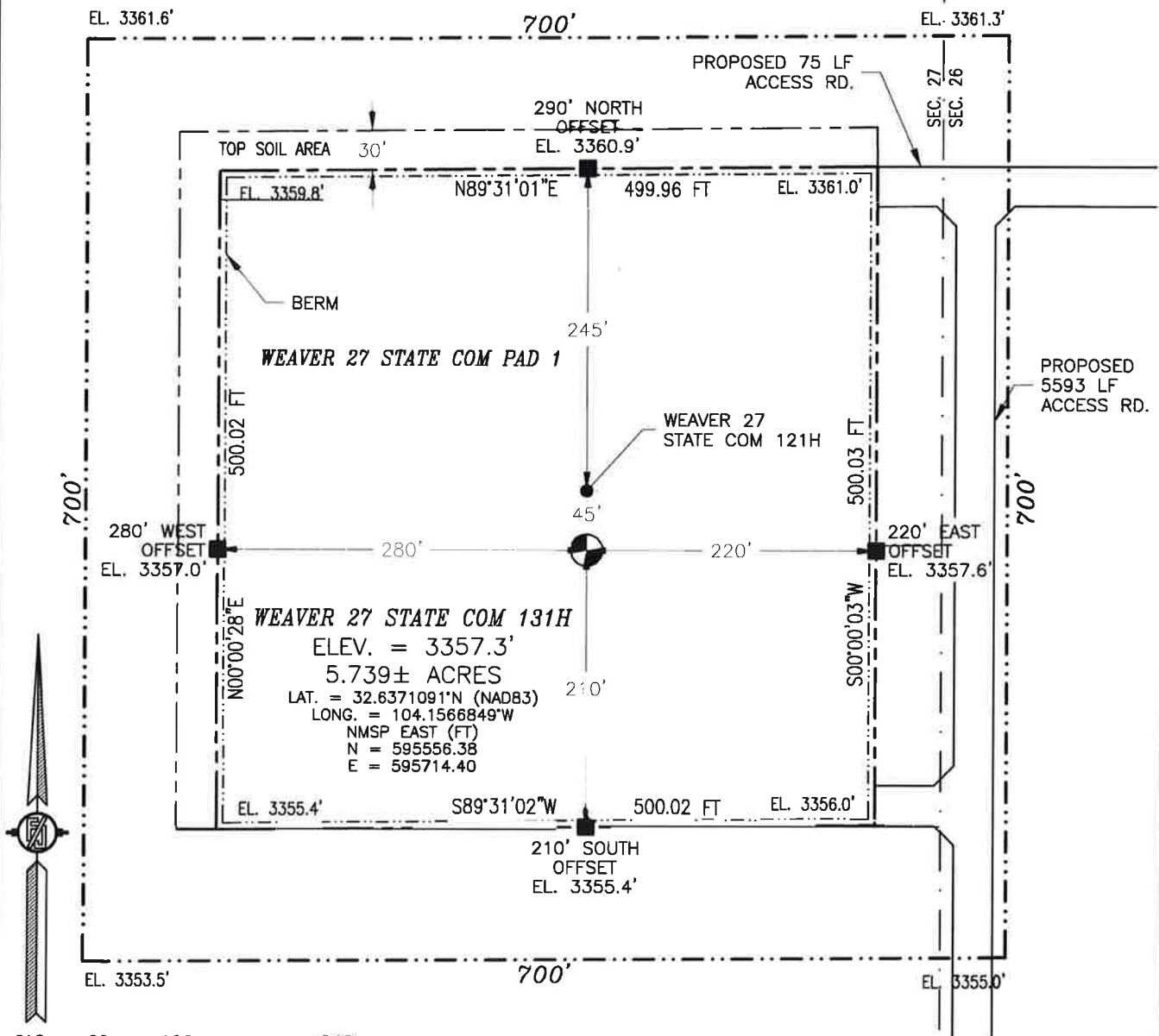
Property Name:

Well Number

KZ 06/29/2018

SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
**SITE MAP**

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE



SCALE 1" = 120'

**DIRECTIONS TO LOCATION**

FROM THE INTERSECTION OF CR. 206 & CR. 235 (CURRY COMBS) GO SOUTHEAST ON CR. 235 APPROX. 3.0 MILES TO "Y" INTERSECTION, STAY RIGHT CONTINUE SOUTHEAST GO APPROX. 1.6 MILES, ROAD TURNS RIGHT (SOUTH) GO SOUTH APPROX. 0.7 OF A MILE, TURN LEFT GO EAST 621', TURN RIGHT ON MILLMAN ROAD GO SOUTH-SOUTHEAST APPROX. 3315', TURN RIGHT GO SOUTH-SOUTHWEST AND FOLLOW ROAD LATHS 2874', TURN RIGHT GO WEST 2174', TURN LEFT GO SOUTH-WEST 545' (TOTAL 5593') TO THE SOUTHEAST PAD CORNER FOR THIS LOCATION.

I, FILMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I PREPARED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY WAS MADE AND CONDUCTED TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT I AM NOT PROVIDING ANY GUARANTEE OR WARRANTY FOR THE SURVEY, BUT I AM PROVIDING THE MINIMUM STANDARDS FOR SURVEYING.

FILMON F. JARAMILLO 235-1274

**MADRON SURVEYING, INC.**

301 SOUTH CANAL  
(575) 234-3341

**COLGATE ENERGY LLC**  
**WEAVER 27 STATE COM 131H**  
LOCATED 700 FT. FROM THE NORTH LINE  
AND 270 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

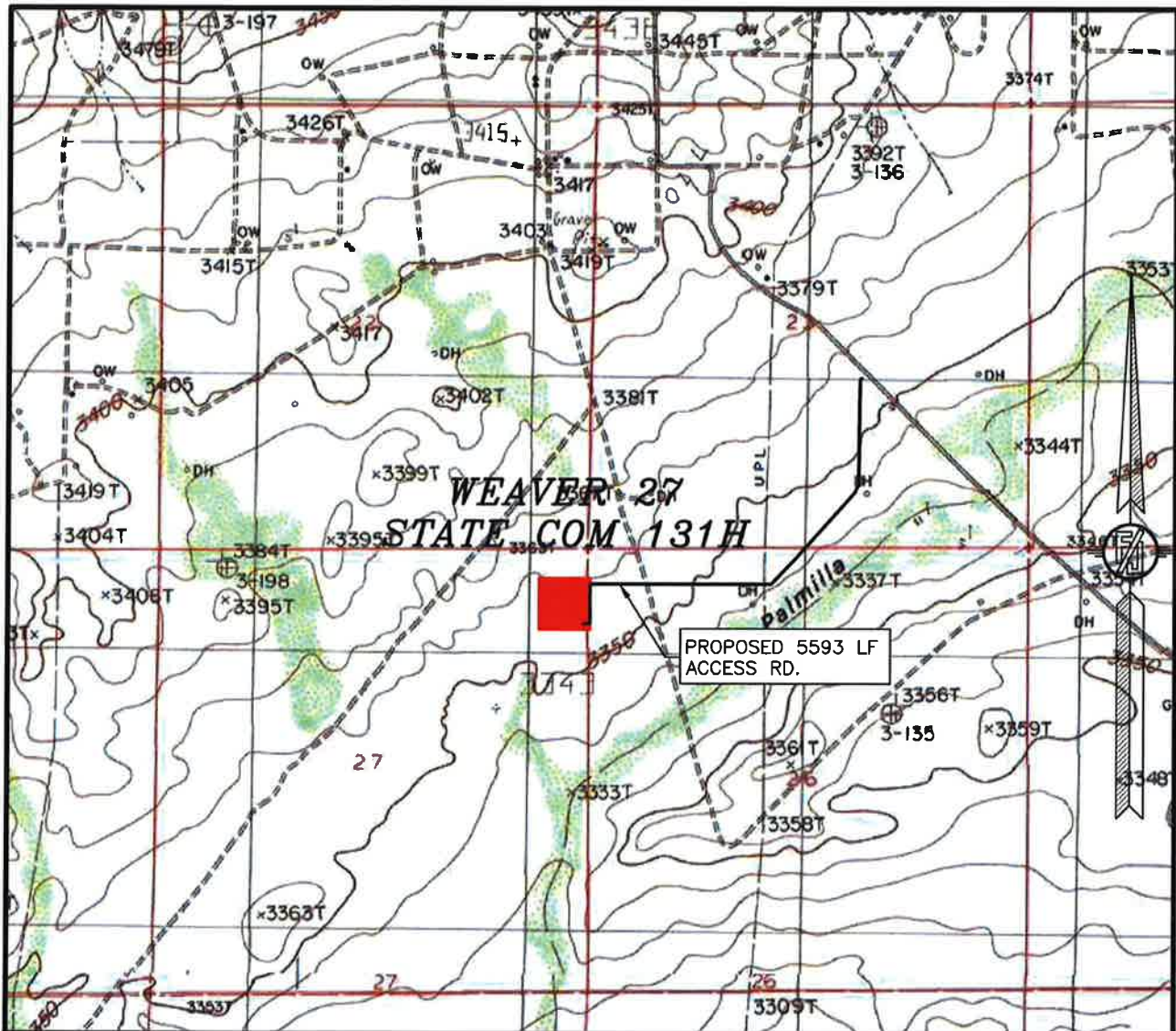
JANUARY 29, 2020

SURVEY NO. 7873B

CARLSBAD, NEW MEXICO



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO  
 LOCATION VERIFICATION MAP



USGS QUAD MAP:  
 ILLINOIS CAMP

NOT TO SCALE

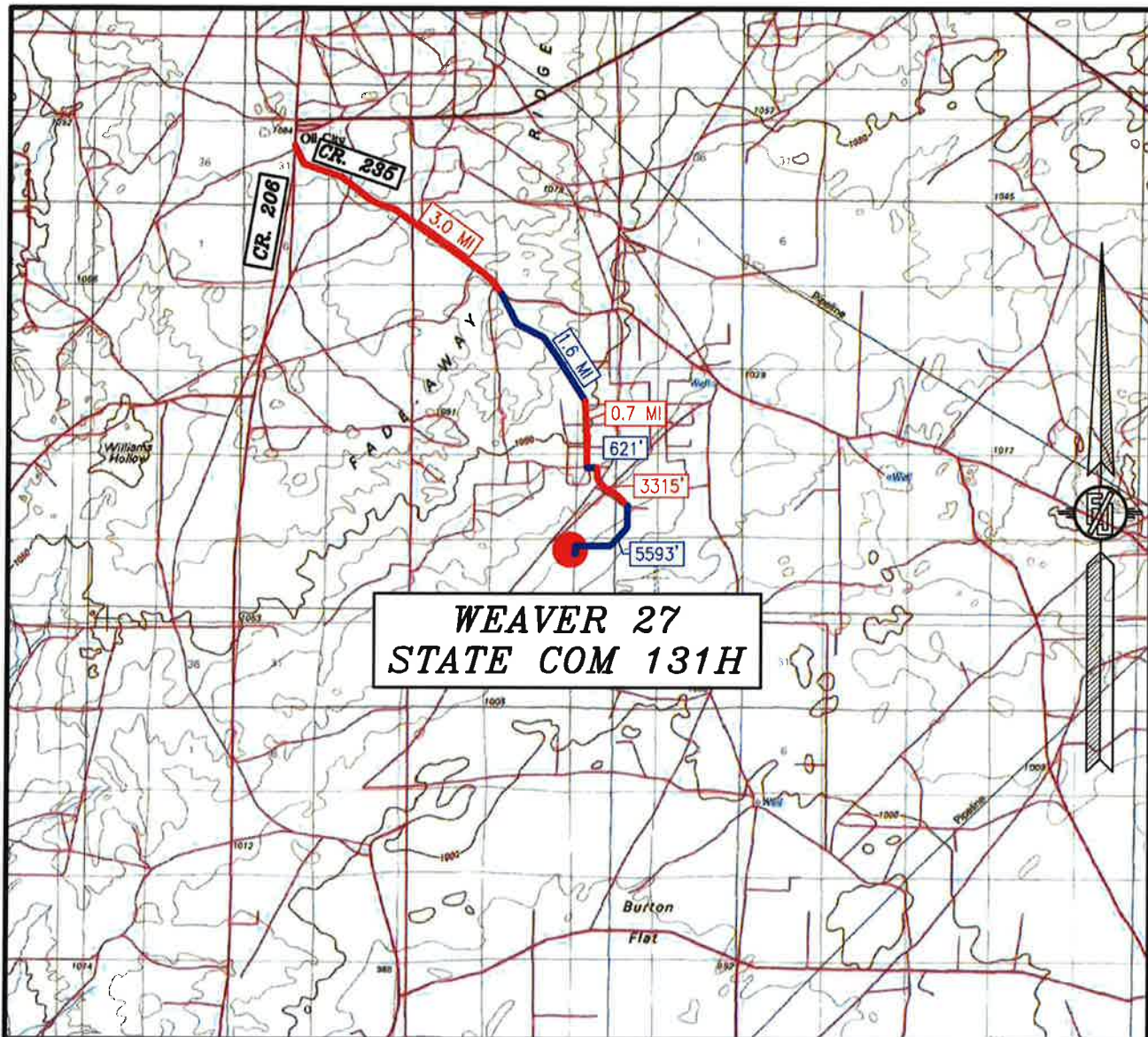
COLGATE ENERGY LLC  
**WEAVER 27 STATE COM 131H**  
 LOCATED 700 FT. FROM THE NORTH LINE  
 AND 270 FT. FROM THE EAST LINE OF  
 SECTION 27, TOWNSHIP 19 SOUTH,  
 RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO SURVEY NO. 7873B



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

**DIRECTIONS TO LOCATION**

FROM THE INTERSECTION OF CR. 206 & CR. 235 (CURRY COMBS) GO SOUTHEAST ON CR. 235 APPROX. 3.0 MILES TO "Y" INTERSECTION, STAY RIGHT CONTINUE SOUTHEAST GO APPROX. 1.6 MILES, ROAD TURNS RIGHT (SOUTH) GO SOUTH APPROX. 0.7 OF A MILE, TURN LEFT GO EAST 621', TURN RIGHT ON MILLMAN ROAD GO SOUTH-SOUTHEAST APPROX. 3315', TURN RIGHT GO SOUTH-SOUTHWEST AND FOLLOW ROAD LATHS 2874', TURN RIGHT GO WEST 2174', TURN LEFT GO SOUTH-WEST 545' (TOTAL 5593') TO THE SOUTHEAST PAD CORNER FOR THIS LOCATION.

COLGATE ENERGY LLC  
**WEAVER 27 STATE COM 131H**  
LOCATED 700 FT. FROM THE NORTH LINE  
AND 270 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

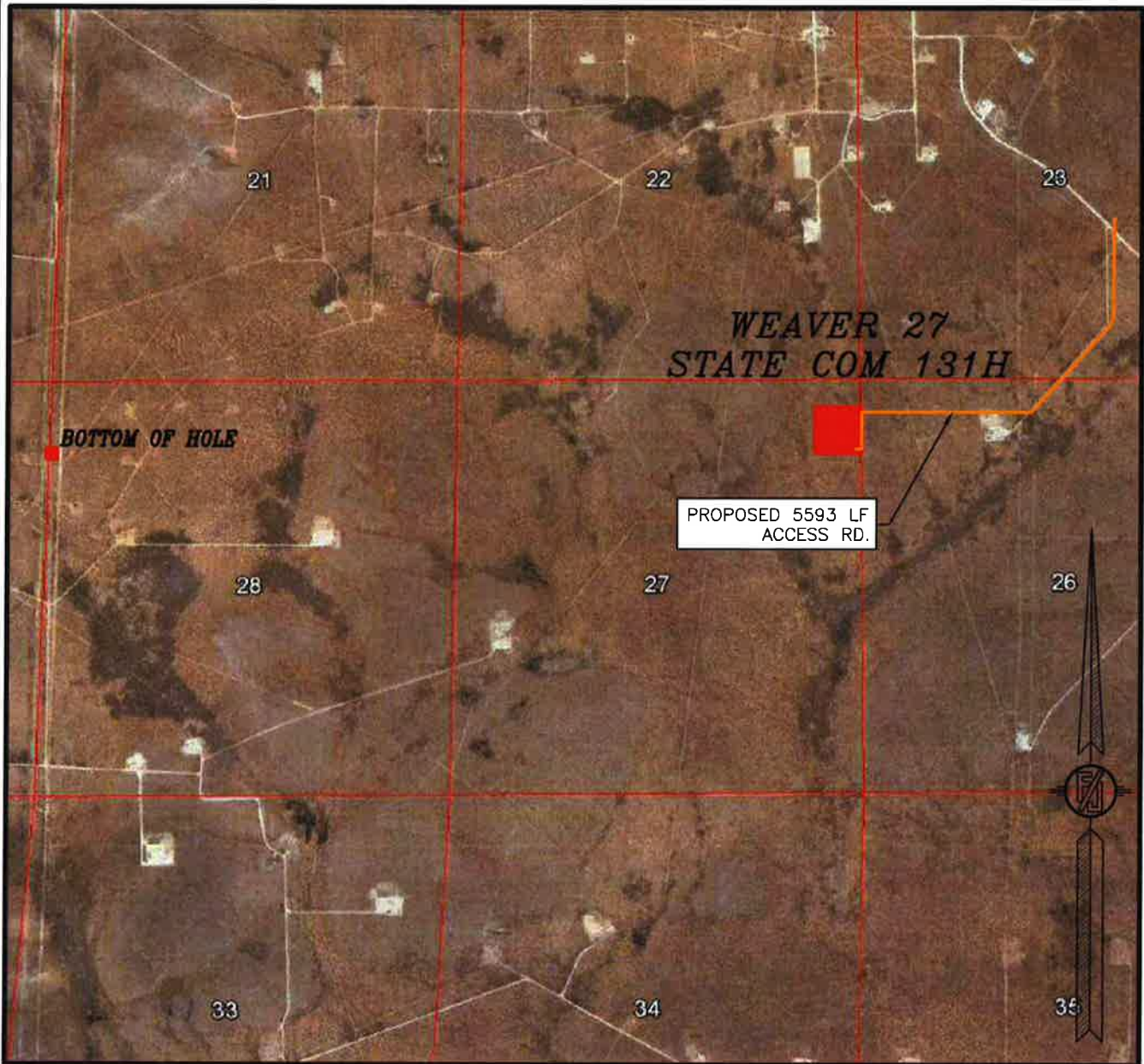
SURVEY NO. 7873B

MADRON SURVEYING, INC. 301 SOUTH CANAL  
(575) 234-3341

CARLSBAD, NEW MEXICO



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
**AERIAL PHOTO**



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
MARCH 2016

COLGATE ENERGY LLC  
**WEAVER 27 STATE COM 131H**  
LOCATED 700 FT. FROM THE NORTH LINE  
AND 270 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

MADRON SURVEYING, INC.

301 SOUTH CANAL  
(575) 231-3341

CARLSBAD, NEW MEXICO

SURVEY NO. 7873B



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO  
 ACCESS AERIAL ROUTE MAP



NOT TO SCALE  
 AERIAL PHOTO:  
 GOOGLE EARTH  
 MARCH 2016

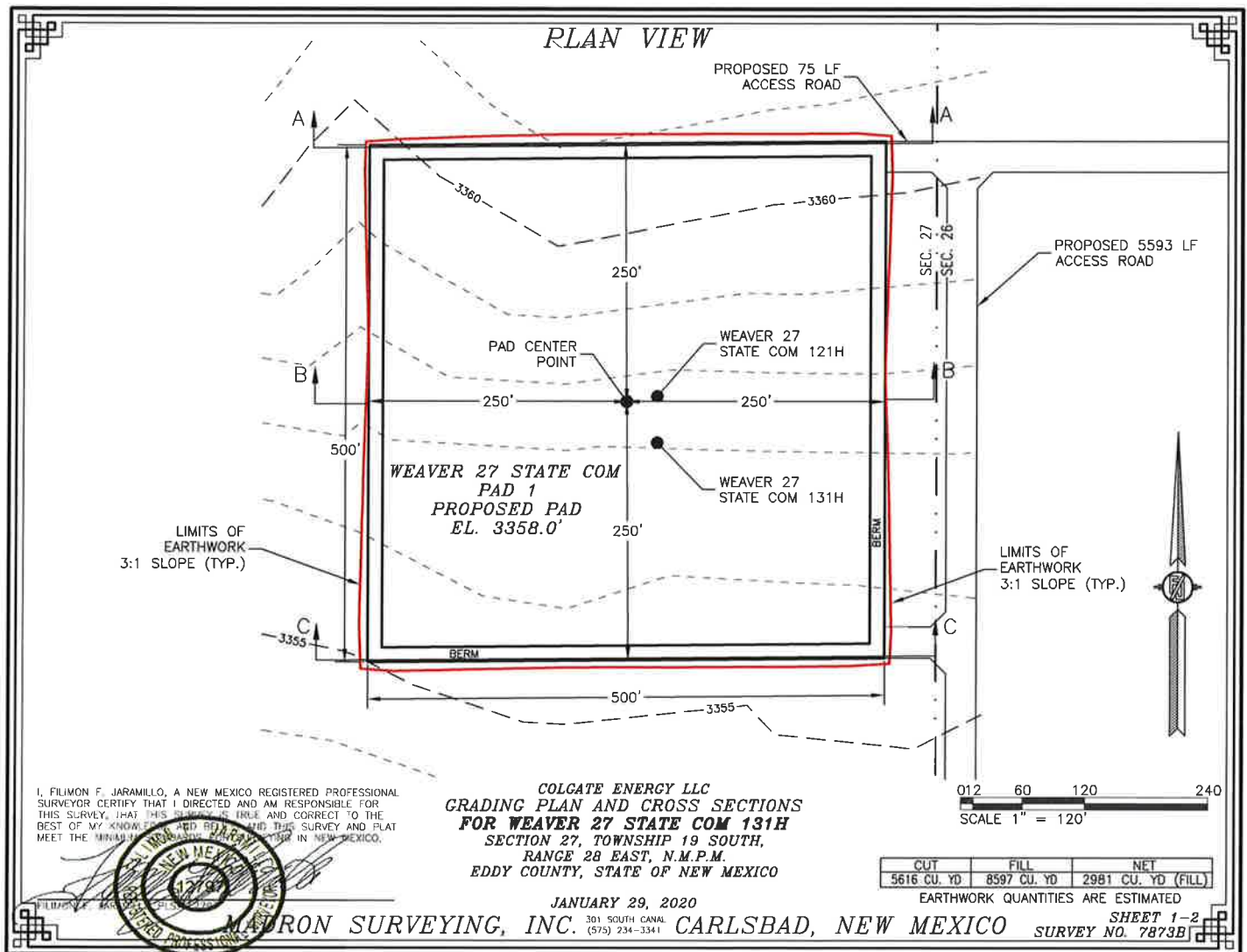
COLGATE ENERGY LLC  
**WEAVER 27 STATE COM 131H**  
 LOCATED 700 FT. FROM THE NORTH LINE  
 AND 270 FT. FROM THE EAST LINE OF  
 SECTION 27, TOWNSHIP 19 SOUTH,  
 RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

MADRON SURVEYING, INC. 301 SOUTH CANAL  
 (575) 234-3341

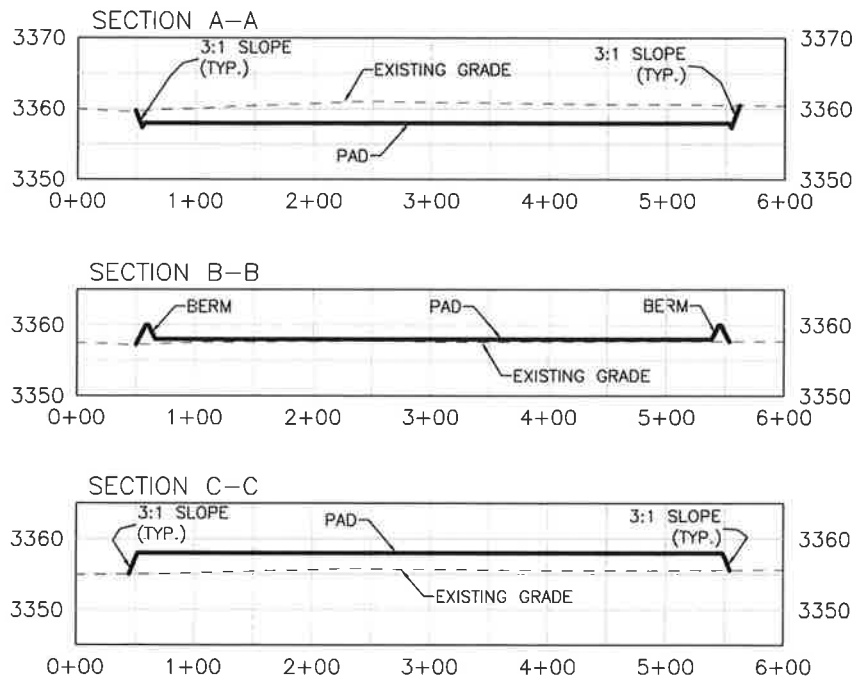
SURVEY NO. 7873B  
 CARLSBAD, NEW MEXICO





Ex.A-Ex.3-043

## CROSS-SECTIONS



I, FILMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM REQUIREMENTS FOR A PLAT IN NEW MEXICO.



**COLGATE ENERGY LLC**  
**GRADING PLAN AND CROSS SECTIONS**  
**FOR WEAVER 27 STATE COM 131H**  
 SECTION 27, TOWNSHIP 19 SOUTH,  
 RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

**MADRON SURVEYING, INC.** 301 SOUTH CANAL  
 (575) 234-3341 **CARLSBAD, NEW MEXICO**

0 12 60 120 240  
 SCALE 1" = 120' - 1" = 20' VER

| CUT         | FILL        | NET                |
|-------------|-------------|--------------------|
| 5616 CU. YD | 8597 CU. YD | 2981 CU. YD (FILL) |

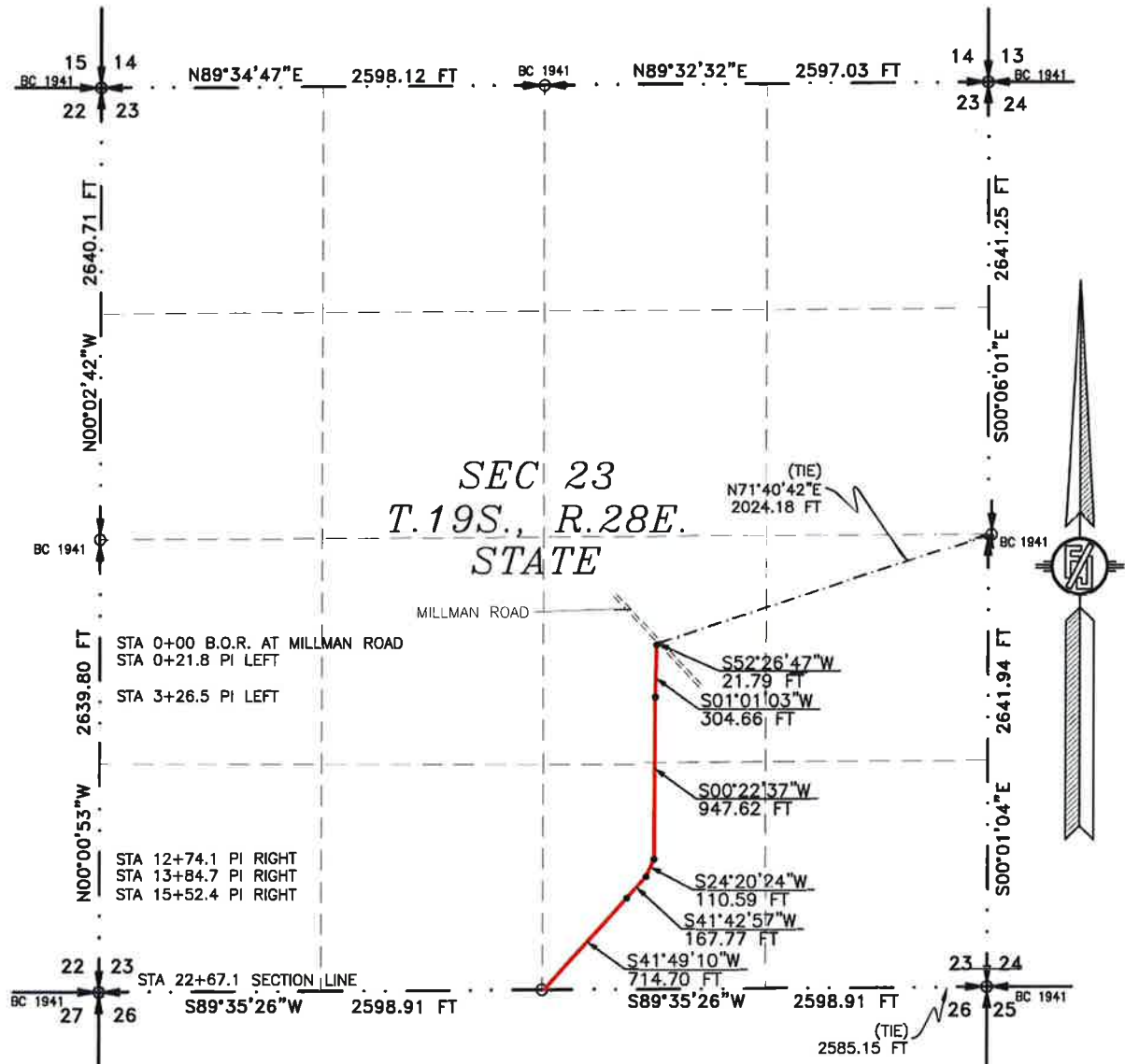
EARTHWORK QUANTITIES ARE ESTIMATED

SHEET 2-2  
 SURVEY NO. 7873B

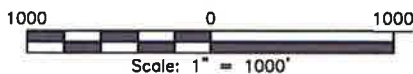
Ex.A-Ex.3-044

**ACCESS ROAD PLAT**  
ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 1 (WEAVER 27 STATE COM 121H & 131H)

**COLGATE ENERGY LLC**  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 29, 2020



SEE NEXT SHEET (2-6) FOR DESCRIPTION



**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 1-6

**MADRON SURVEYING, INC.**

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,

NEW MEXICO, THIS 29 DAY OF JANUARY 2020



MADRON SURVEYING, INC.  
301 SOUTH CAHAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

**SURVEY NO. 7873B**

**CARLSBAD, NEW MEXICO**

**ACCESS ROAD PLAT**  
**ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 1 (WEAVER 27 STATE COM 121H & 131H)**

**COLGATE ENERGY LLC**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.**  
**EDDY COUNTY, STATE OF NEW MEXICO**  
**JANUARY 29, 2020**

**DESCRIPTION**

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE NW/4 SE/4 OF SAID SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE EAST QUARTER CORNER OF SAID SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N71°40'42"E, A DISTANCE OF 2024.18 FEET;  
THENCE S52°26'47"W A DISTANCE OF 21.79 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S01°01'03"W A DISTANCE OF 304.66 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S00°22'37"W A DISTANCE OF 947.62 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S24°20'24"W A DISTANCE OF 110.59 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S41°42'57"W A DISTANCE OF 167.77 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S41°49'10"W A DISTANCE OF 714.70 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTHEAST CORNER OF SAID SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N89°35'26"E, A DISTANCE OF 2585.15 FEET;

SAID STRIP OF LAND BEING 2267.13 FEET OR 137.40 RODS IN LENGTH, CONTAINING 1.561 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NW/4 SE/4    707.55 L.F.    42.88 RODS    0.487 ACRES  
SW/4 SE/4    1559.58 L.F.    94.52 RODS    1.074 ACRES

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,  
NEW MEXICO, THIS 29 DAY OF JANUARY 2020

**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 2-6**

**MADRON SURVEYING, INC.**

301 SOUTH CAHAL  
(575) 234-3341



MADRON SURVEYING, INC.  
301 SOUTH CAHAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

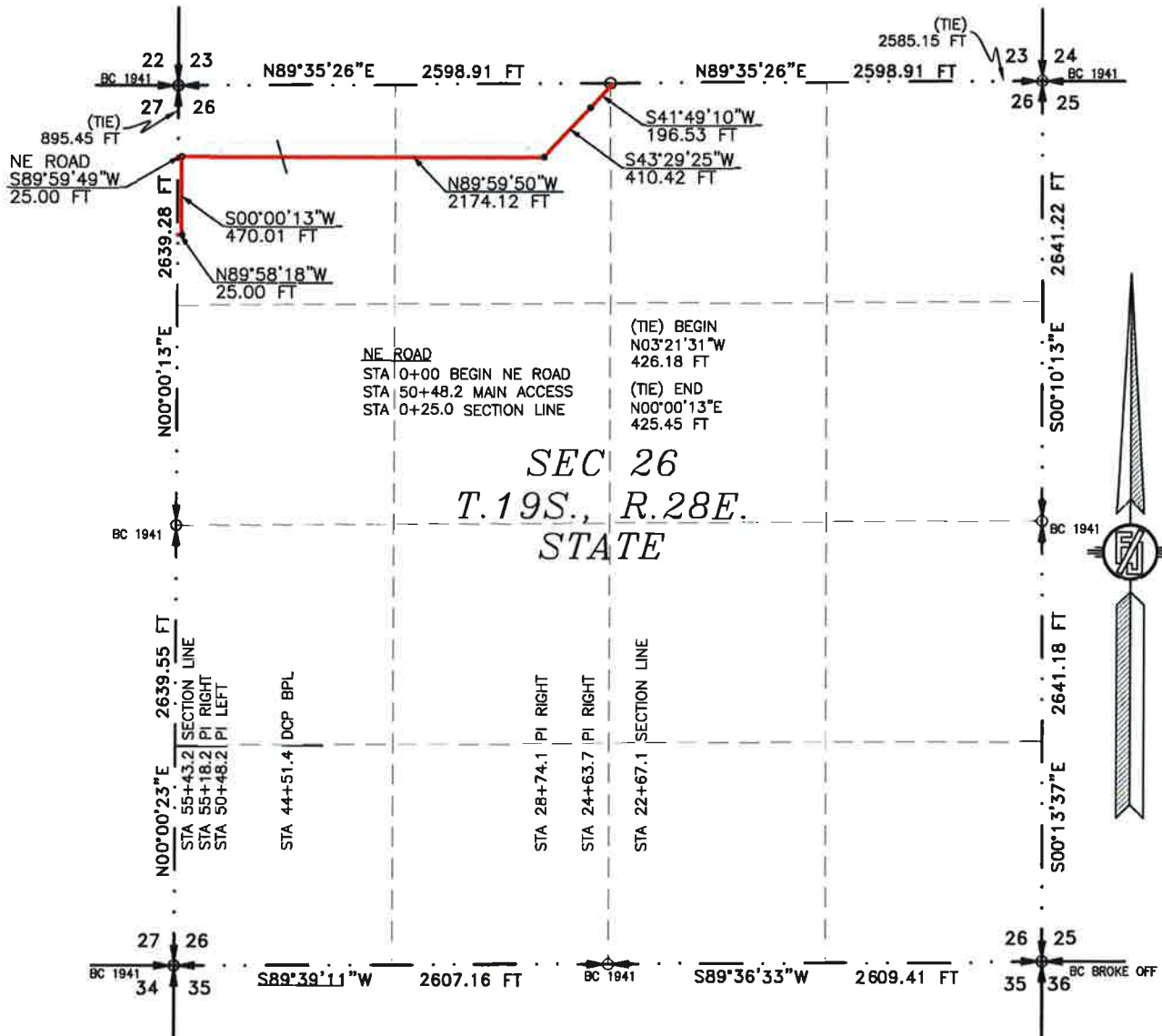
**SURVEY NO. 7873B**

**CARLSBAD, NEW MEXICO**

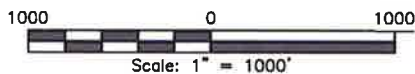


**ACCESS ROAD PLAT**  
ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 1 (WEAVER 27 STATE COM 121H & 131H)

**COLGATE ENERGY LLC**  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 29, 2020



SEE NEXT SHEET (4-6) FOR DESCRIPTION



**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 3-6

**MADRON SURVEYING, INC.**

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,  
NEW MEXICO, THIS 29 DAY OF JANUARY 2020



MADRON SURVEYING, INC.  
301 SOUTH CAHAL  
CARLSBAD, NEW MEXICO 88220  
Phone: (575) 234-3341

SURVEY NO. 7873B

CARLSBAD, NEW MEXICO

**ACCESS ROAD PLAT**  
**ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 1 (WEAVER 27 STATE COM 121H & 131H)**

**COLGATE ENERGY LLC**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.**  
**EDDY COUNTY, STATE OF NEW MEXICO**  
**JANUARY 29, 2020**

**DESCRIPTION**

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

**MAIN ACCESS ROAD**

BEGINNING AT A POINT WITHIN THE NW/4 NE/4 OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE NORTHEAST CORNER OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N89°35'26"E, A DISTANCE OF 2585.15 FEET;

THENCE S41°49'10"W A DISTANCE OF 196.53 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S43°29'25"W A DISTANCE OF 410.42 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE N89°59'50"W A DISTANCE OF 2174.12 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S00°00'13"W A DISTANCE OF 470.01 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE N89°58'18"W A DISTANCE OF 25.00 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHWEST CORNER OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N00°00'13"E, A DISTANCE OF 895.45 FEET;

SAID STRIP OF LAND BEING 3276.08 FEET OR 198.55 RODS IN LENGTH, CONTAINING 2.256 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

|           |              |             |             |
|-----------|--------------|-------------|-------------|
| NW/4 NE/4 | 20.60 L.F.   | 1.25 RODS   | 0.014 ACRES |
| NE/4 NW/4 | 1485.72 L.F. | 90.04 RODS  | 1.023 ACRES |
| NW/4 NW/4 | 1769.76 L.F. | 107.26 RODS | 1.219 ACRES |

**NORTHEAST ACCESS ROAD**

BEGINNING AT A POINT WITHIN THE NW/4 NW/4 OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE NORTHWEST CORNER OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N03°21'31"W, A DISTANCE OF 426.18 FEET;

THENCE S89°59'49"W A DISTANCE OF 25.00 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHWEST CORNER OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N00°00'13"E, A DISTANCE OF 425.45 FEET;

SAID STRIP OF LAND BEING 25.00 FEET OR 1.52 RODS IN LENGTH, CONTAINING 0.017 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

|           |            |           |             |
|-----------|------------|-----------|-------------|
| NW/4 NW/4 | 25.00 L.F. | 1.52 RODS | 0.017 ACRES |
|-----------|------------|-----------|-------------|

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,

NEW MEXICO, THIS 29 DAY OF JANUARY 2020

**GENERAL NOTES**

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 4-6**

**MADRON SURVEYING, INC.**



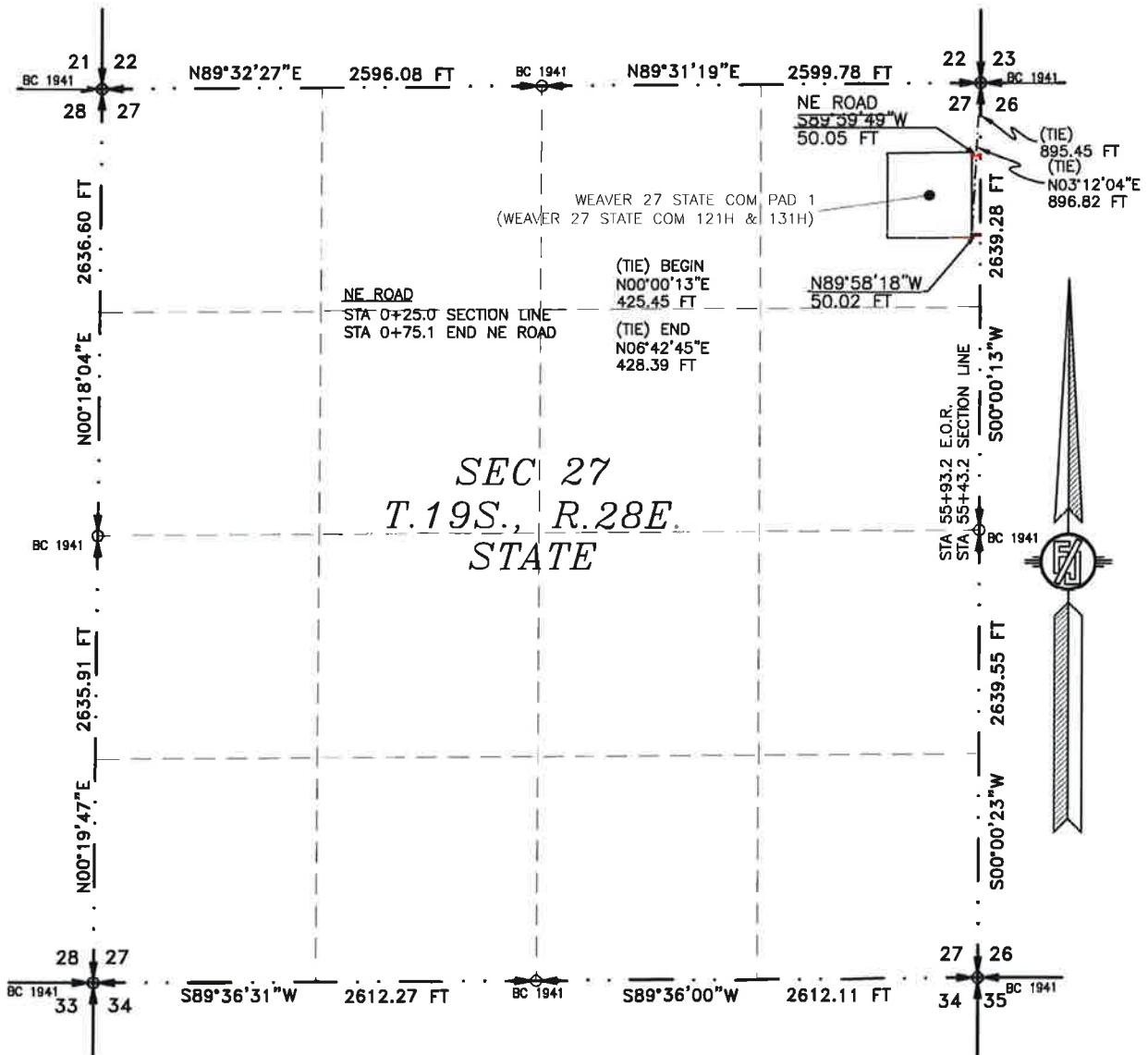
MADRON SURVEYING, INC.  
301 SOUTH CAHAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

**SURVEY NO. 7873B**

**CARLSBAD, NEW MEXICO**

**ACCESS ROAD PLAT**  
ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 1 (WEAVER 27 STATE COM 121H & 131H)

**COLGATE ENERGY LLC**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.**  
**EDDY COUNTY, STATE OF NEW MEXICO**  
**JANUARY 29, 2020**



SEE NEXT SHEET (6-6) FOR DESCRIPTION



**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 5-6**

**MADRON SURVEYING, INC.**

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,  
NEW MEXICO, THIS 29 DAY OF JANUARY 2020



MADRON SURVEYING, INC.  
301 SOUTH CAHAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

**SURVEY NO. 7873B**

**CARLSBAD, NEW MEXICO**

**ACCESS ROAD PLAT**  
**ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 1 (WEAVER 27 STATE COM 121H & 131H)**

**COLGATE ENERGY LLC**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.**  
**EDDY COUNTY, STATE OF NEW MEXICO**  
**JANUARY 29, 2020**

**DESCRIPTION**

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

**MAIN ACCESS ROAD**

BEGINNING AT A POINT WITHIN THE NE/4 NE/4 OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE NORTHEAST CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N00°00'13"E, A DISTANCE OF 895.45 FEET;

THENCE N89°58'18"W A DISTANCE OF 50.02 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHEAST CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N03°12'04"E, A DISTANCE OF 896.82 FEET;

SAID STRIP OF LAND BEING 50.02 FEET OR 3.03 RODS IN LENGTH, CONTAINING 0.034 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NE/4 NE/4 50.02 L.F. 3.03 RODS 0.034 ACRES

**NORTHEAST ACCESS ROAD**

BEGINNING AT A POINT WITHIN THE NE/4 NE/4 OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE NORTHEAST CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N00°00'13"E, A DISTANCE OF 425.45 FEET;

THENCE S89°59'49"W A DISTANCE OF 50.05 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHEAST CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N06°42'45"E, A DISTANCE OF 428.39 FEET;

SAID STRIP OF LAND BEING 50.05 FEET OR 3.03 RODS IN LENGTH, CONTAINING 0.034 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NE/4 NE/4 50.05 L.F. 3.03 RODS 0.034 ACRES

**GENERAL NOTES**

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 6-6**

**MADRON SURVEYING, INC.**

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IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,

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MADRON SURVEYING, INC.  
301 SOUTH CAJAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

**SURVEY NO. 7873B**

**CARLSBAD, NEW MEXICO**



District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

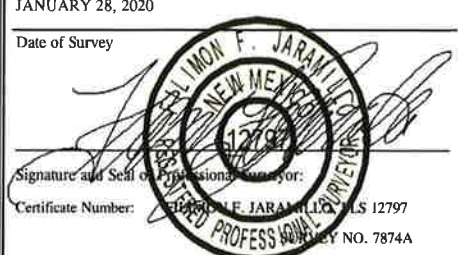
State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

|  |               |   |               |                                  |                       |                           |                      |                                  |                |
|--|---------------|---|---------------|----------------------------------|-----------------------|---------------------------|----------------------|----------------------------------|----------------|
| <sup>1</sup> API Number                                      |               | <sup>2</sup> Pool Code                            |               | <sup>3</sup> Pool Name           |                       |                           |                      |                                  |                |
| <sup>4</sup> Property Code                                   |               | <sup>5</sup> Property Name<br>WEAVER 27 STATE COM |               |                                  |                       |                           |                      | <sup>6</sup> Well Number<br>132H |                |
| <sup>7</sup> OGRID No.<br>371449                             |               | <sup>8</sup> Operator Name<br>COLGATE ENERGY LLC  |               |                                  |                       |                           |                      | <sup>9</sup> Elevation<br>3343.9 |                |
| <sup>10</sup> Surface Location                               |               |   |               |                                  |                       |                           |                      |                                  |                |
| UL or lot no.<br>H   | Section<br>27 | Township<br>19 S                                  | Range<br>28 E | Lot Idn                          | Feet from the<br>2020 | North/South line<br>NORTH | Feet from the<br>270 | East/West line<br>EAST           | County<br>EDDY |
| <sup>11</sup> Bottom Hole Location If Different From Surface |               |   |               |                                  |                       |                           |                      |                                  |                |
| UL or lot no.<br>E   | Section<br>28 | Township<br>19 S                                  | Range<br>28 E | Lot Idn                          | Feet from the<br>2210 | North/South line<br>NORTH | Feet from the<br>10  | East/West line<br>WEST           | County<br>EDDY |
| <sup>12</sup> Dedicated Acres                                |               | <sup>13</sup> Joint or Infill                     |               | <sup>14</sup> Consolidation Code |                       | <sup>15</sup> Order No.   |                      |                                  |                |

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

|  |  |  |  |  |  |
|--|--|--|--|--|--|
| <p><b>17 OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> |  |  |  |  |  |
| <p><b>18 SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>JANUARY 28, 2020</p> <p>Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor: </p> <p>Certificate Number: 12797</p>  |  |  |  |  |  |

Intent ☐ As Drilled ☐

API #

Operator Name:

**COLGATE ENERGY LLC**

Property Name:

**WEAVER 27 STATE COM**

Well Number

**132H**

Kick Off Point (KOP)

| UL                | Section   | Township   | Range      | Lot | Feet               | From N/S     | Feet       | From E/W    | County      |
|-------------------|-----------|------------|------------|-----|--------------------|--------------|------------|-------------|-------------|
| <b>H</b>          | <b>27</b> | <b>19S</b> | <b>28E</b> |     | <b>2020</b>        | <b>NORTH</b> | <b>270</b> | <b>EAST</b> | <b>EDDY</b> |
| Latitude          |           |            |            |     | Longitude          |              |            |             | NAD         |
| <b>32.6334816</b> |           |            |            |     | <b>104.1566924</b> |              |            |             | <b>83</b>   |

First Take Point (FTP)

| UL                | Section   | Township   | Range      | Lot | Feet               | From N/S     | Feet       | From E/W    | County      |
|-------------------|-----------|------------|------------|-----|--------------------|--------------|------------|-------------|-------------|
| <b>H</b>          | <b>27</b> | <b>19S</b> | <b>28E</b> |     | <b>2210</b>        | <b>NORTH</b> | <b>100</b> | <b>EAST</b> | <b>EDDY</b> |
| Latitude          |           |            |            |     | Longitude          |              |            |             | NAD         |
| <b>32.6329626</b> |           |            |            |     | <b>104.1561413</b> |              |            |             | <b>83</b>   |

Last Take Point (LTP)

| UL                | Section   | Township   | Range      | Lot | Feet               | From N/S     | Feet       | From E/W    | County      |
|-------------------|-----------|------------|------------|-----|--------------------|--------------|------------|-------------|-------------|
| <b>E</b>          | <b>28</b> | <b>19S</b> | <b>28E</b> |     | <b>2210</b>        | <b>NORTH</b> | <b>100</b> | <b>WEST</b> | <b>EDDY</b> |
| Latitude          |           |            |            |     | Longitude          |              |            |             | NAD         |
| <b>32.6327661</b> |           |            |            |     | <b>104.1893434</b> |              |            |             | <b>83</b>   |

Is this well the defining well for the Horizontal Spacing Unit? ☐

Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:

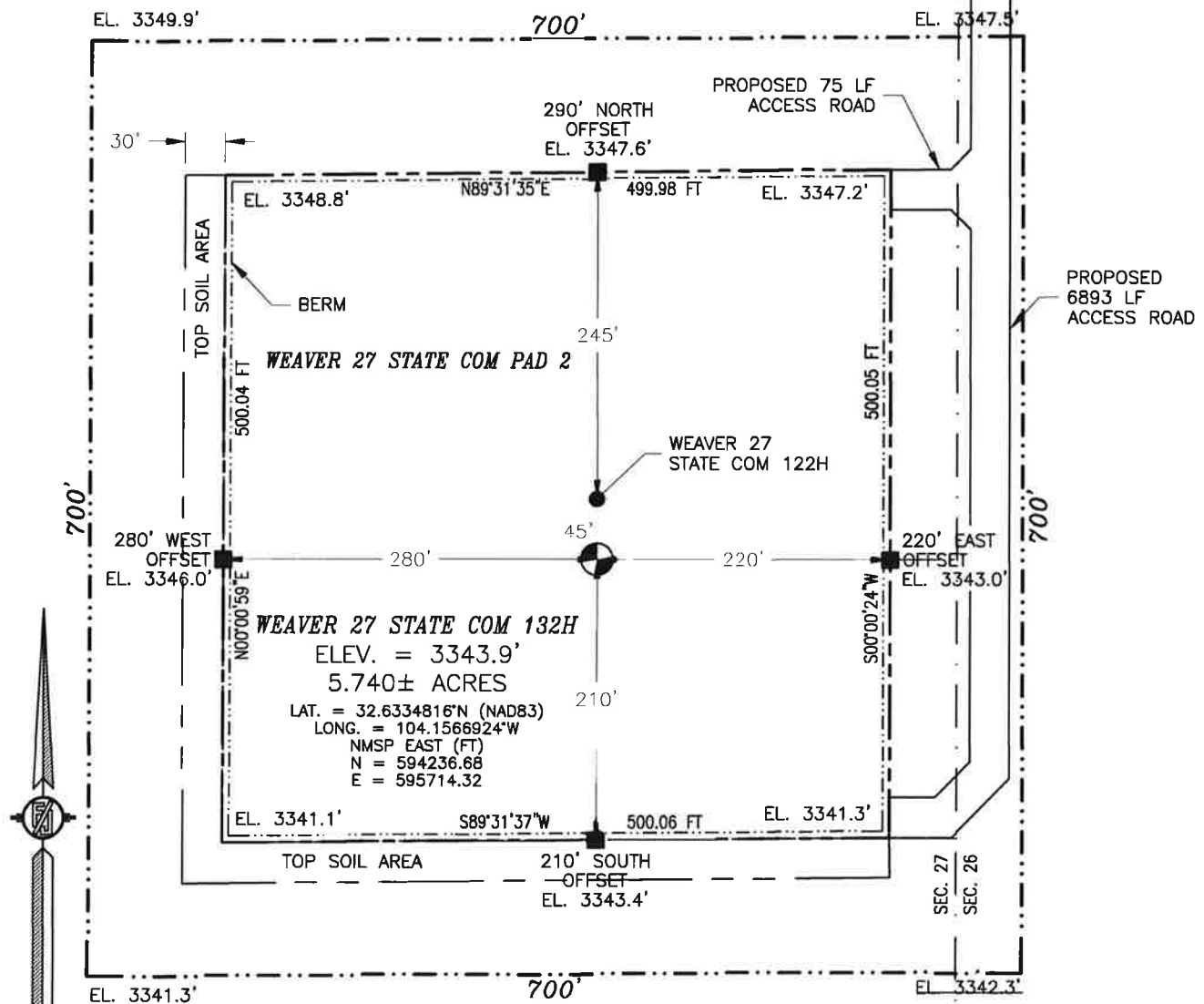
Property Name:

Well Number

KZ 06/29/2018

SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
**SITE MAP**

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE



012 60 120 240  
SCALE 1" = 120'

**DIRECTIONS TO LOCATION**

FROM THE INTERSECTION OF CR. 206 & CR. 235 (CURRY COMBS) GO SOUTHEAST ON CR. 235 APPROX. 3.0 MILES TO "Y" INTERSECTION, STAY RIGHT CONTINUE SOUTHEAST GO APPROX. 1.6 MILES, ROAD TURNS RIGHT (SOUTH) GO SOUTH APPROX. 0.7 OF A MILE, TURN LEFT GO EAST 821', TURN RIGHT ON MILLMAN ROAD GO SOUTH-SOUTHEAST APPROX. 3315', TURN RIGHT GO SOUTH-SOUTHWEST AND FOLLOW ROAD LATHS 2874', TURN RIGHT GO WEST 2174', TURN LEFT GO SOUTH-WEST 1845' (TOTAL 6893') TO THE SOUTHEAST PAD CORNER FOR THIS LOCATION.

I, FILMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I HAVE BEEN RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY WAS CONDUCTED TO THE BEST OF MY KNOWLEDGE AND BELIEFS, AND THAT THE SURVEY MEETS THE MINIMUM STANDARDS FOR SUCH SURVEYS.

**MADACON SURVEYING, INC.**

301 SOUTH CANAL  
(575) 234-3341

**CARLSBAD, NEW MEXICO**

**COLGATE ENERGY LLC**

**WEAVER 27 STATE COM 132H**

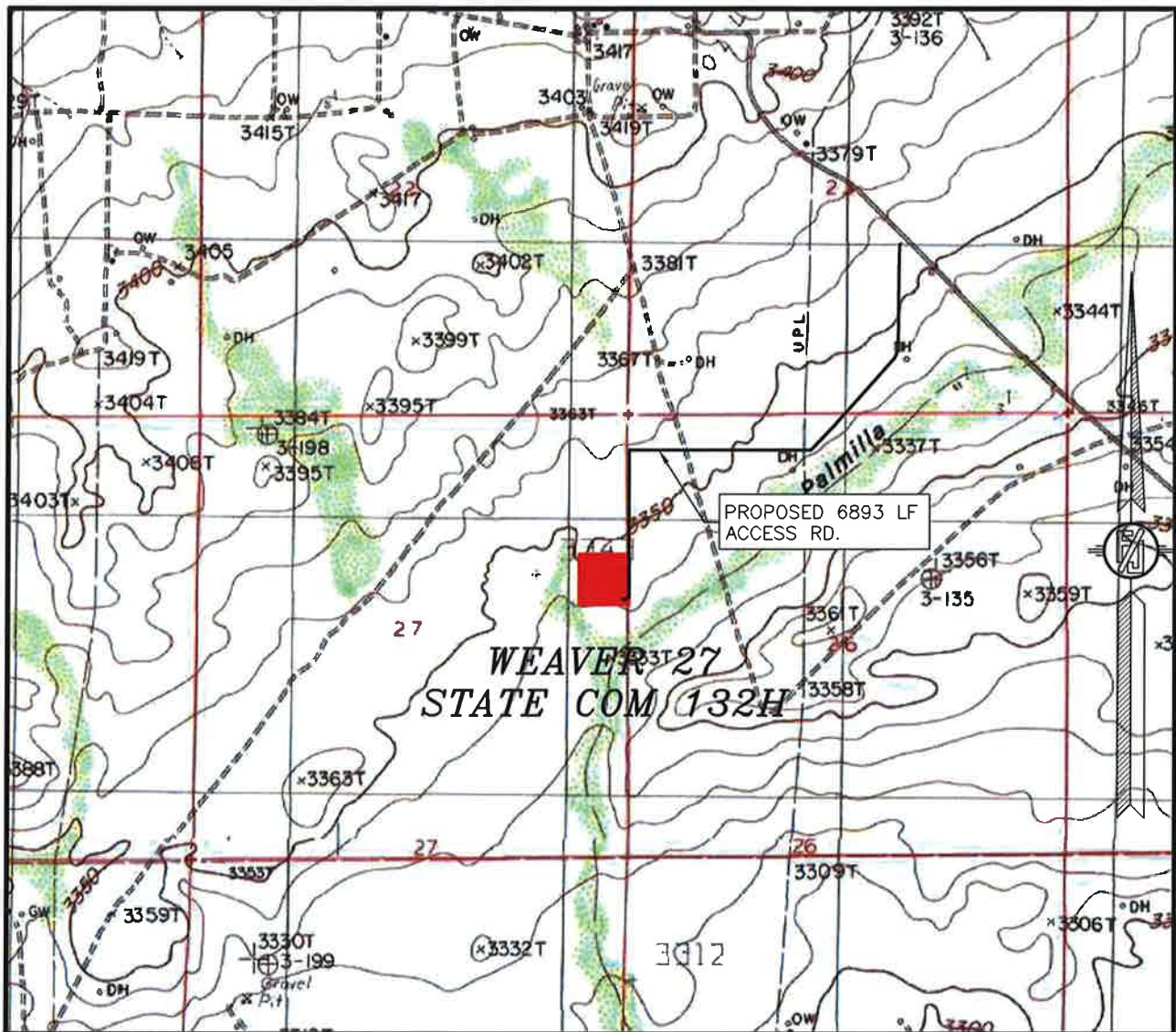
LOCATED 2020 FT. FROM THE NORTH LINE  
AND 270 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

SURVEY NO. 7874A



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO  
 LOCATION VERIFICATION MAP



COLGATE ENERGY LLC  
**WEAVER 27 STATE COM 132H**  
 LOCATED 2020 FT. FROM THE NORTH LINE  
 AND 270 FT. FROM THE EAST LINE OF  
 SECTION 27, TOWNSHIP 19 SOUTH,  
 RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO

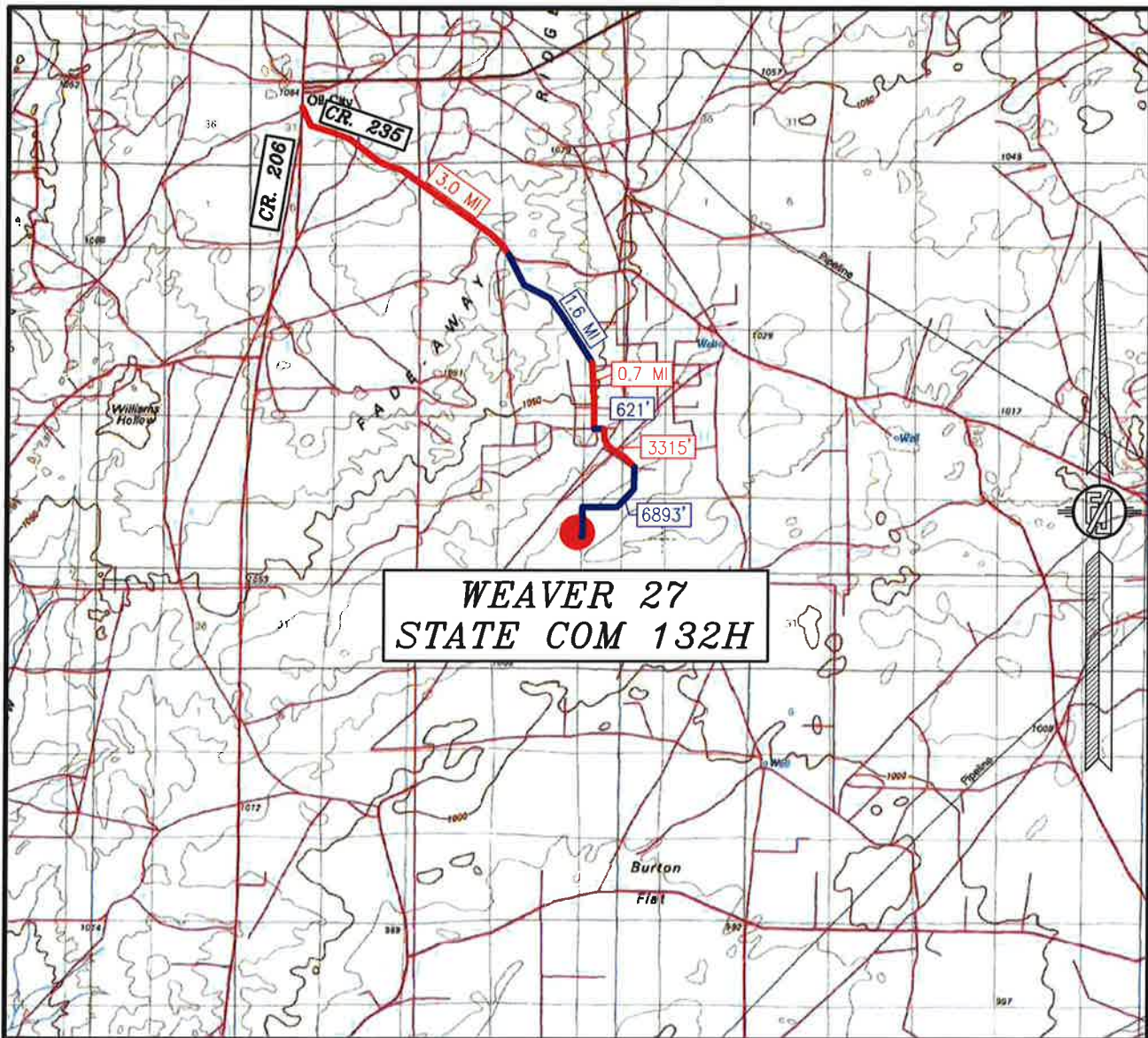
JANUARY 28, 2020

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO  
 (575) 234-3341

SURVEY NO. 7874A



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

**DIRECTIONS TO LOCATION**

FROM THE INTERSECTION OF CR. 206 & CR. 235 (CURRY COMBS) GO SOUTHEAST ON CR. 235 APPROX. 3.0 MILES TO "Y" INTERSECTION, STAY RIGHT CONTINUE SOUTHEAST GO APPROX. 1.6 MILES, ROAD TURNS RIGHT (SOUTH) GO SOUTH APPROX. 0.7 OF A MILE, TURN LEFT GO EAST 621', TURN RIGHT ON MILLMAN ROAD GO SOUTH-SOUTHEAST APPROX. 3315', TURN RIGHT GO SOUTH-SOUTHWEST AND FOLLOW ROAD LATHS 2874', TURN RIGHT GO WEST 2174', TURN LEFT GO SOUTH-WEST 1845' (TOTAL 6893') TO THE SOUTHEAST PAD CORNER FOR THIS LOCATION.

COLGATE ENERGY LLC  
**WEAVER 27 STATE COM 132H**  
LOCATED 2020 FT. FROM THE NORTH LINE  
AND 270 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

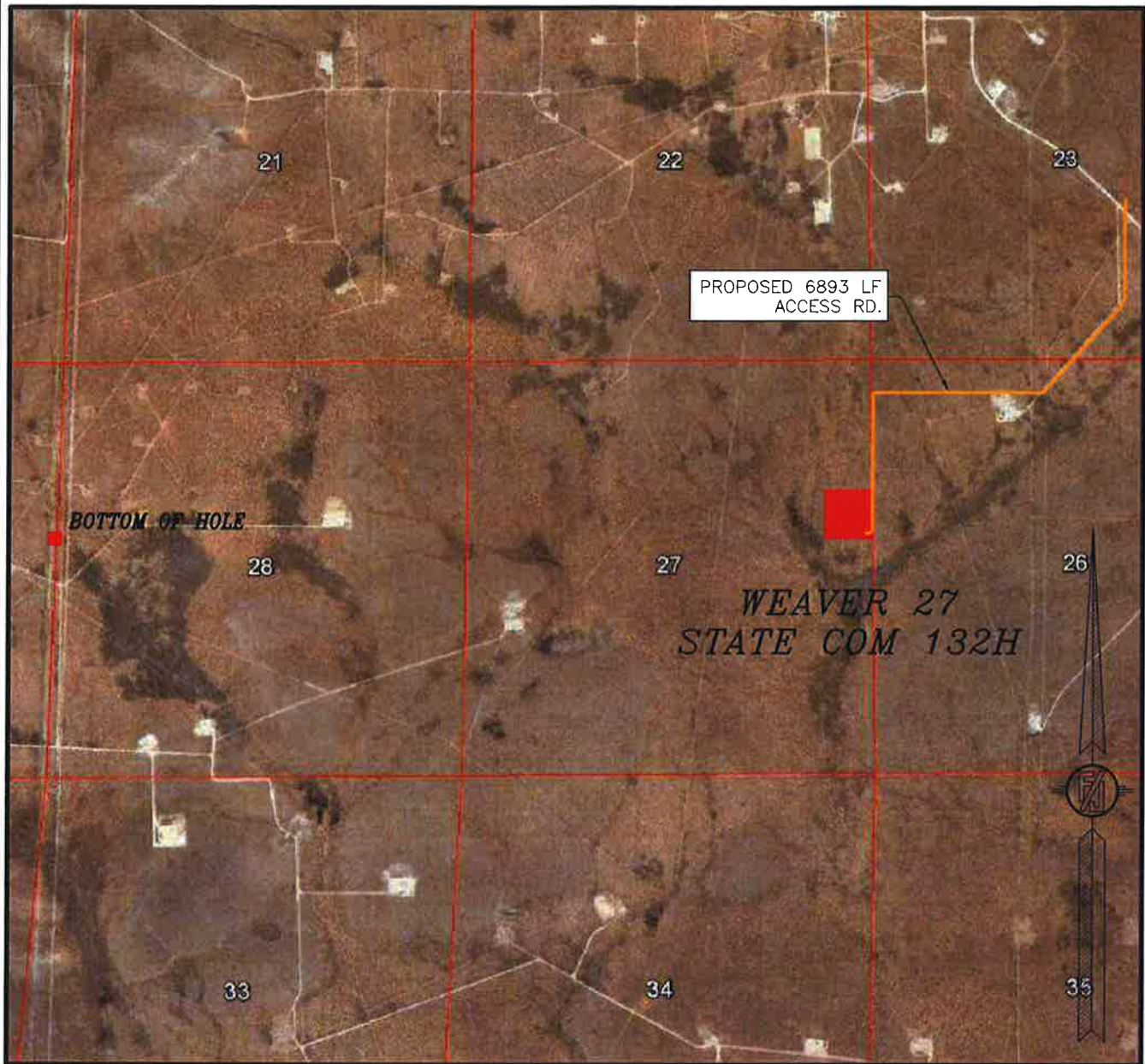
SURVEY NO. 7874A

MADRON SURVEYING, INC. 301 SOUTH CANAL  
(575) 234-3341

CARLSBAD, NEW MEXICO



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
AERIAL PHOTO



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
MARCH 2016

COLGATE ENERGY LLC  
**WEAVER 27 STATE COM 132H**  
LOCATED 2020 FT. FROM THE NORTH LINE  
AND 270 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

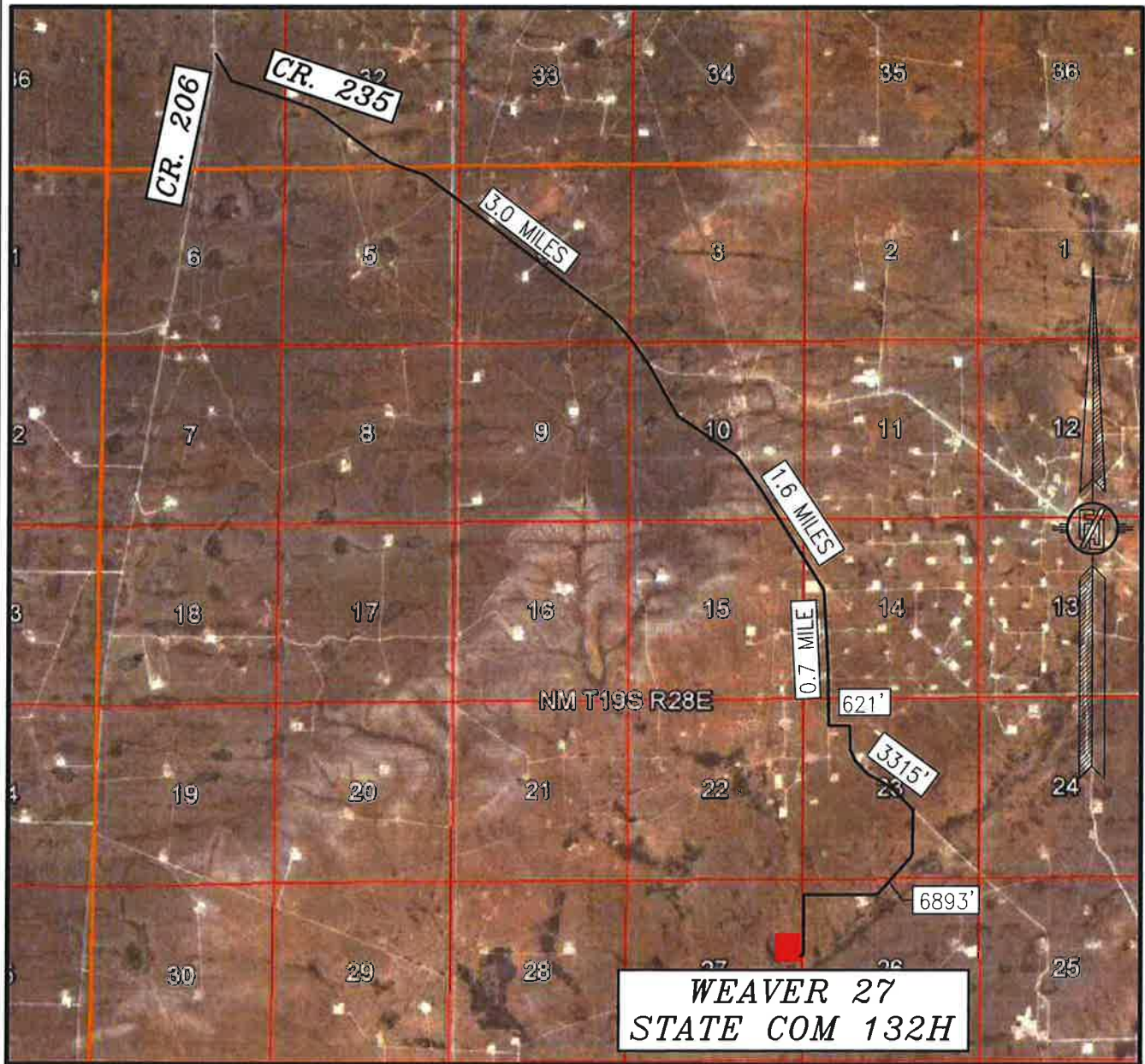
JANUARY 28, 2020

SURVEY NO. 7874A

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO



SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
ACCESS AERIAL ROUTE MAP



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
MARCH 2016

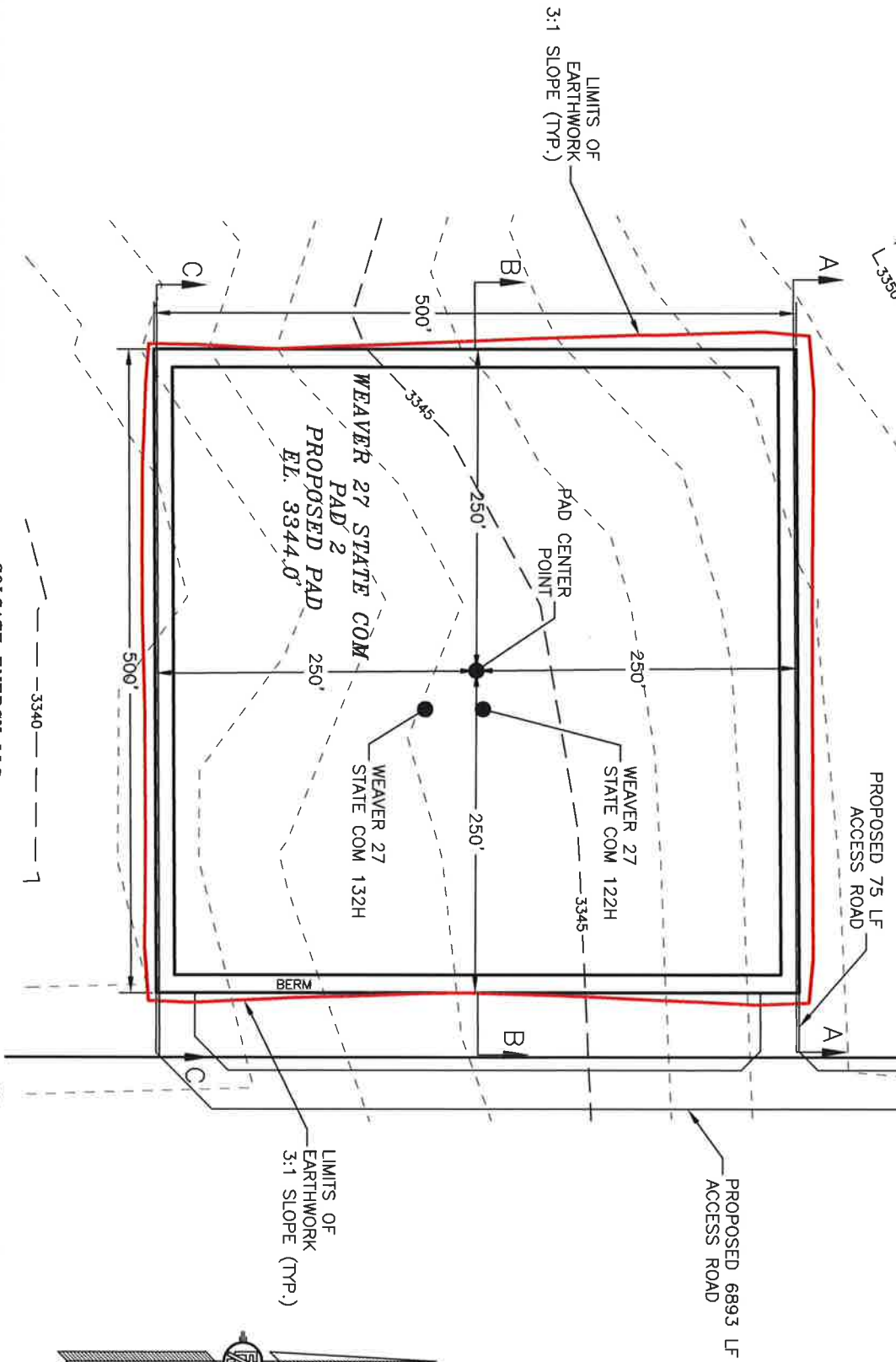
COLGATE ENERGY LLC  
**WEAVER 27 STATE COM 132H**  
LOCATED 2020 FT. FROM THE NORTH LINE  
AND 270 FT. FROM THE EAST LINE OF  
SECTION 27, TOWNSHIP 19 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO SURVEY NO. 7874A



# PLAN VIEW



I, FILMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY MEET THE MINIMUM REQUIREMENTS FOR A NEW MEXICO



**COLGATE ENERGY LLC**  
**GRADING PLAN AND CROSS SECTIONS**  
**FOR WEAVER 27 STATE COM 132H**  
 SECTION 27, TOWNSHIP 19 SOUTH,  
 RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

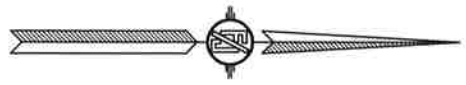
301 SOUTH CANAL CARLSBAD, NEW MEXICO

| CUT          | FILL        | NET               |
|--------------|-------------|-------------------|
| 10678 CU. YD | 5933 CU. YD | 4746 CU. YD (CUT) |

EARTHWORK QUANTITIES ARE ESTIMATED

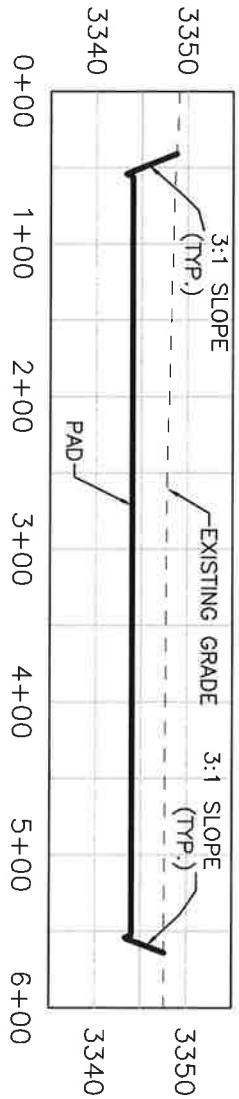
SHEET 1-2

SURVEY NO. 78744

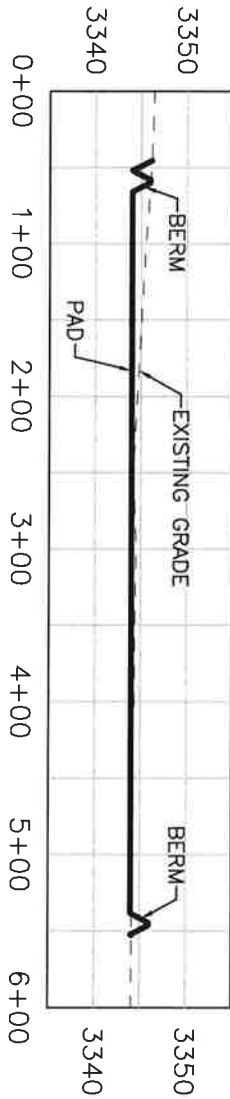


# CROSS-SECTIONS

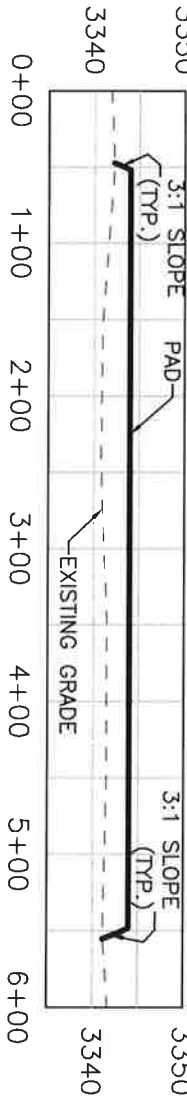
SECTION A-A



SECTION B-B



SECTION C-C



I, FILMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT THIS SURVEY, THAT THE SURVEY IS THE BEST OF MY KNOWLEDGE AND BELIEF, MEET THE REQUIREMENTS OF THE NEW MEXICO SURVEYING ACT.

**COLGATE ENERGY LLC**  
**GRADING PLAN AND CROSS SECTIONS**  
**FOR WEAVER 27 STATE COM 132H**  
**SECTION 27, TOWNSHIP 19 SOUTH,**  
**RANGE 28 EAST, N.M.P.M.**  
**EDDY COUNTY, STATE OF NEW MEXICO**

FILMON F. JARAMILLO  
 12787

JANUARY 28, 2020

**CARLSBAD, NEW MEXICO**

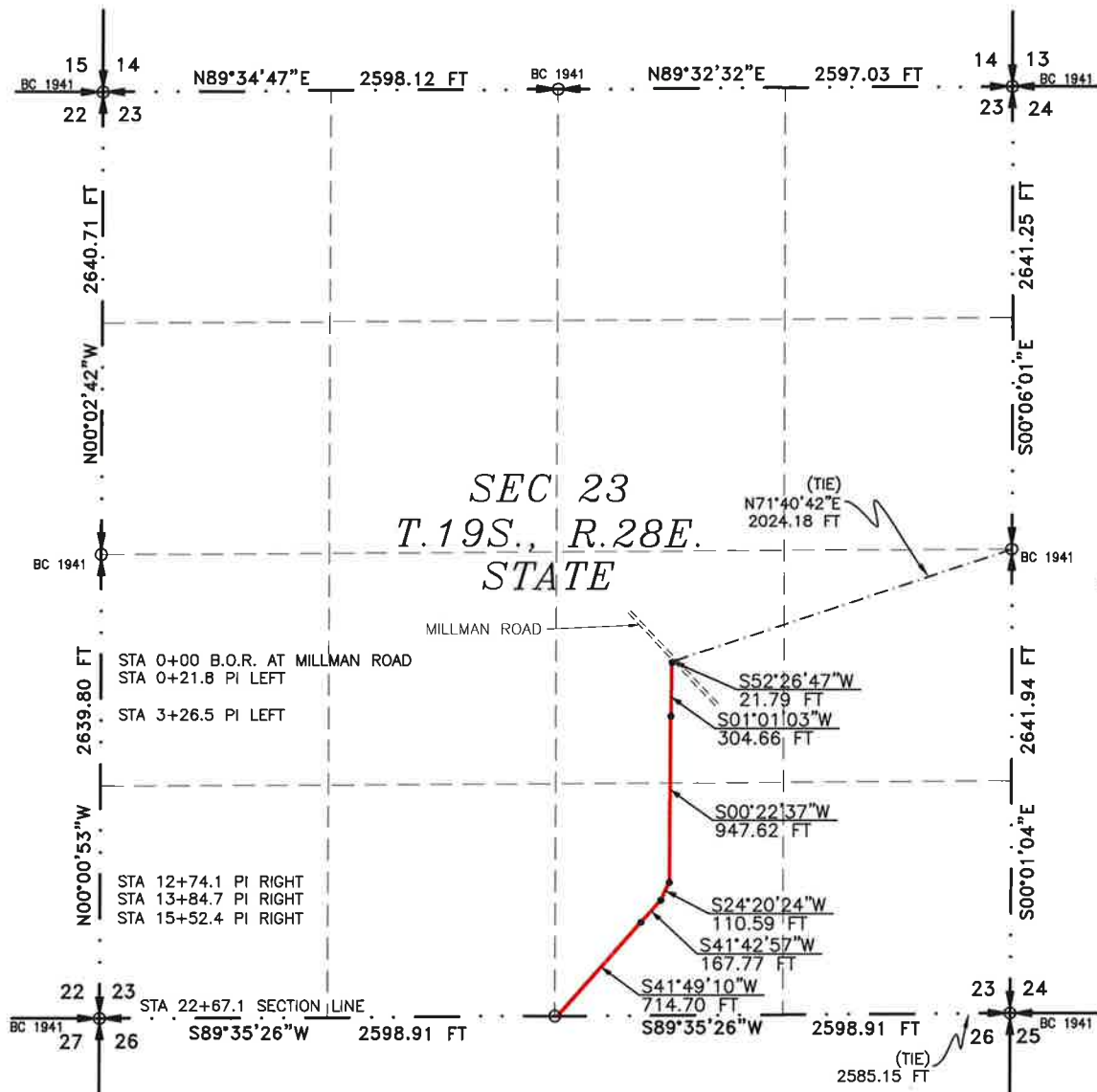
| CUT          | FILL        | NET               |
|--------------|-------------|-------------------|
| 10678 CU. YD | 5933 CU. YD | 4746 CU. YD (CUT) |

EARTHWORK QUANTITIES ARE ESTIMATED

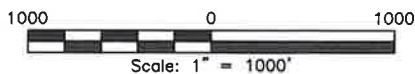
**SHEET 2-2**  
**SURVEY NO. 7874A**

**ACCESS ROAD PLAT**  
ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 2 (WEAVER 27 STATE COM 122H & 132H)

**COLGATE ENERGY LLC**  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 28, 2020



SEE NEXT SHEET (2-6) FOR DESCRIPTION



**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 1-6

**MADRON SURVEYING, INC.** 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3341

**SURVEYOR CERTIFICATE**

I, FILMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 28 DAY OF JANUARY 2020

FILMON F. JARAMILLO  
NEW MEXICO  
12797  
PLS 12797

MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

SURVEY NO. 7874A



**ACCESS ROAD PLAT**  
ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 2 (WEAVER 27 STATE COM 122H & 132H)

**COLGATE ENERGY LLC**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.**  
**EDDY COUNTY, STATE OF NEW MEXICO**  
**JANUARY 28, 2020**

**DESCRIPTION**

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE NW/4 SE/4 OF SAID SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE EAST QUARTER CORNER OF SAID SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N71°40'42"E, A DISTANCE OF 2024.18 FEET;  
THENCE S52°26'47"W A DISTANCE OF 21.79 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S01°01'03"W A DISTANCE OF 304.66 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S00°22'37"W A DISTANCE OF 947.62 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S24°20'24"W A DISTANCE OF 110.59 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S41°42'57"W A DISTANCE OF 167.77 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S41°49'10"W A DISTANCE OF 714.70 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTHEAST CORNER OF SAID SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N89°35'26"E, A DISTANCE OF 2585.15 FEET;

SAID STRIP OF LAND BEING 2267.13 FEET OR 137.40 RODS IN LENGTH, CONTAINING 1.561 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

|           |              |            |             |
|-----------|--------------|------------|-------------|
| NW/4 SE/4 | 707.55 L.F.  | 42.88 RODS | 0.487 ACRES |
| SW/4 SE/4 | 1559.58 L.F. | 94.52 RODS | 1.074 ACRES |

**SURVEYOR CERTIFICATE**

I, FILMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,  
NEW MEXICO, THIS 28 DAY OF JANUARY 2020



MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

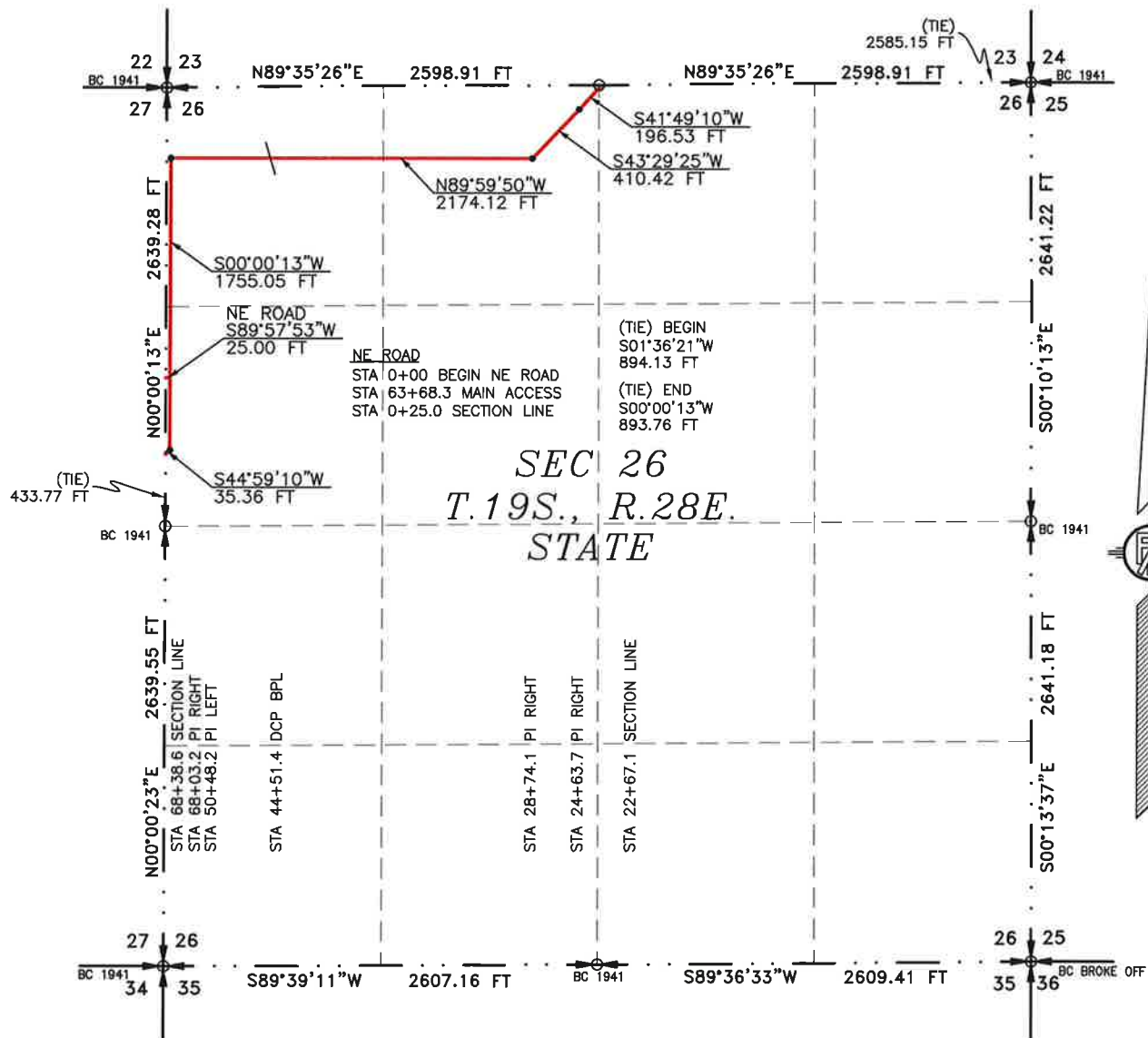
**SHEET: 2-6**

**MADRON SURVEYING, INC.** **CARLSBAD, NEW MEXICO**

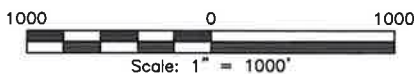
**SURVEY NO. 7874A**

**ACCESS ROAD PLAT**  
ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 2 (WEAVER 27 STATE COM 122H & 132H)

**COLGATE ENERGY LLC**  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 28, 2020



SEE NEXT SHEET (4-6) FOR DESCRIPTION



**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 3-6

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3341

**SURVEYOR CERTIFICATE**

I, FILMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 28 DAY OF JANUARY 2020



MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

SURVEY NO. 7874A

## ACCESS ROAD PLAT

ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 2 (WEAVER 27 STATE COM 122H & 132H)

**COLGATE ENERGY LLC**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.**  
**EDDY COUNTY, STATE OF NEW MEXICO**  
**JANUARY 28, 2020**

### DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

#### MAIN ACCESS ROAD

BEGINNING AT A POINT WITHIN THE NW/4 NE/4 OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE NORTHEAST CORNER OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N89°35'26"E, A DISTANCE OF 2585.15 FEET;

THENCE S41°49'10"W A DISTANCE OF 196.53 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S43°29'25"W A DISTANCE OF 410.42 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE N89°59'50"W A DISTANCE OF 2174.12 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S00°00'13"W A DISTANCE OF 1755.05 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S44°59'10"W A DISTANCE OF 35.36 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE WEST QUARTER CORNER OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S00°00'13"W, A DISTANCE OF 433.77 FEET;

SAID STRIP OF LAND BEING 4571.48 FEET OR 277.06 RODS IN LENGTH, CONTAINING 3.148 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

|           |              |             |             |
|-----------|--------------|-------------|-------------|
| NW/4 NE/4 | 20.60 L.F.   | 1.25 RODS   | 0.014 ACRES |
| NE/4 NW/4 | 1485.72 L.F. | 90.04 RODS  | 1.023 ACRES |
| NW/4 NW/4 | 2168.77 L.F. | 131.44 RODS | 1.494 ACRES |
| SW/4 NW/4 | 896.39 L.F.  | 54.33 RODS  | 0.617 ACRES |

#### NORTHEAST ACCESS ROAD

BEGINNING AT A POINT WITHIN THE SW/4 NW/4 OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE WEST QUARTER CORNER OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S01°36'21"W, A DISTANCE OF 894.13 FEET;

THENCE S89°57'53"W A DISTANCE OF 25.00 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE WEST QUARTER CORNER OF SAID SECTION 26, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S00°00'13"W, A DISTANCE OF 893.76 FEET;

SAID STRIP OF LAND BEING 25.00 FEET OR 1.52 RODS IN LENGTH, CONTAINING 0.017 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

|           |            |           |             |
|-----------|------------|-----------|-------------|
| SW/4 NW/4 | 25.00 L.F. | 1.52 RODS | 0.017 ACRES |
|-----------|------------|-----------|-------------|

#### GENERAL NOTES

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 4-6

MADRON SURVEYING, INC.

#### SURVEYOR CERTIFICATE

I, FILMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 28 DAY OF JANUARY 2020



MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

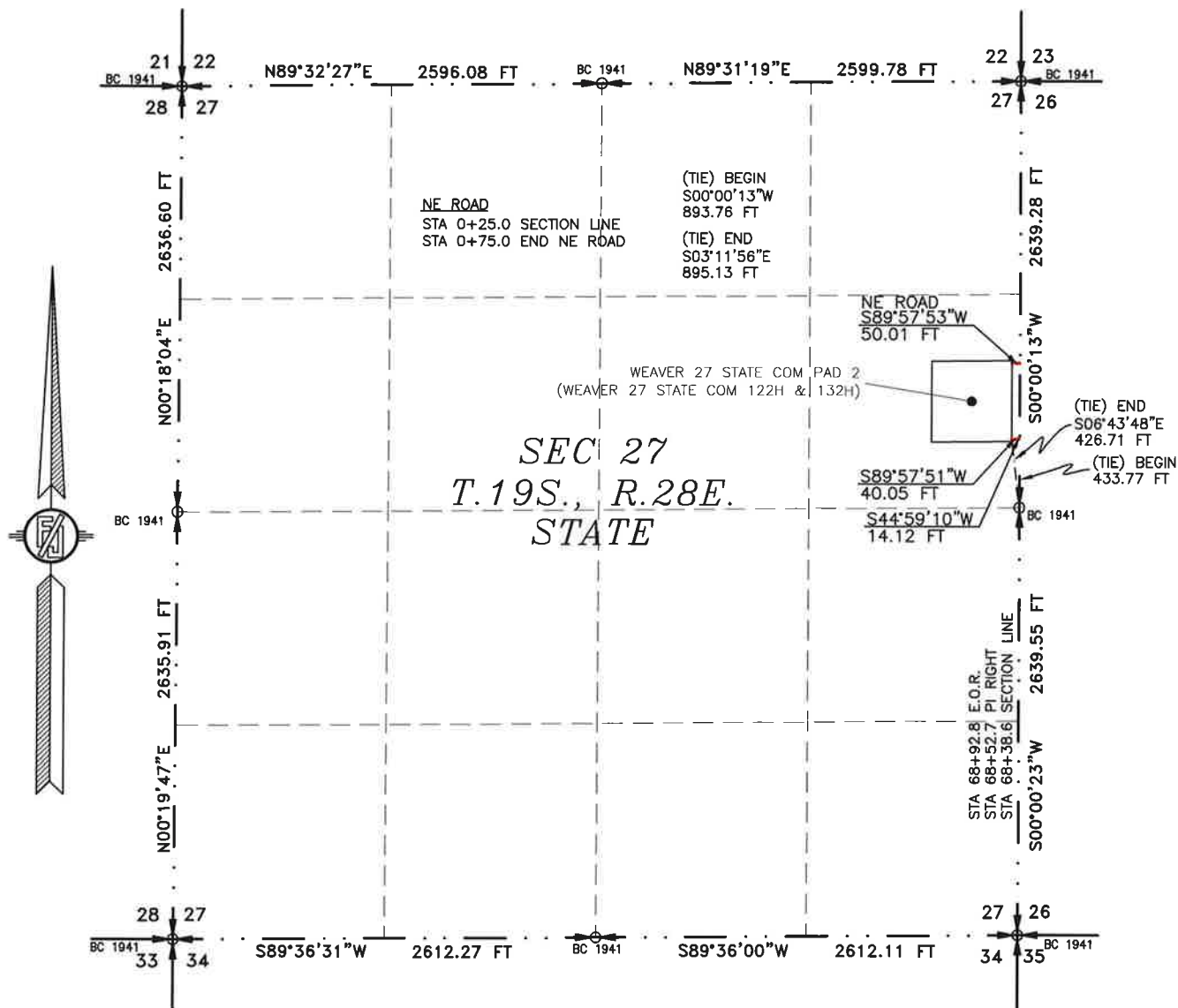
SURVEY NO. 7874A

CARLSBAD, NEW MEXICO

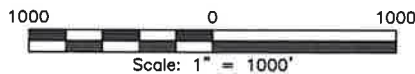


**ACCESS ROAD PLAT**  
ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 2 (WEAVER 27 STATE COM 122H & 132H)

**COLGATE ENERGY LLC**  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
JANUARY 28, 2020



SEE NEXT SHEET (6-6) FOR DESCRIPTION



**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 5-6**

**MADRON SURVEYING, INC.**

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 28 DAY OF JANUARY 2020



MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

**SURVEY NO. 7874A**

**CARLSBAD, NEW MEXICO**

**ACCESS ROAD PLAT**  
**ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 2 (WEAVER 27 STATE COM 122H & 132H)**

**COLGATE ENERGY LLC**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.**  
**EDDY COUNTY, STATE OF NEW MEXICO**  
**JANUARY 28, 2020**

**DESCRIPTION**

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

**MAIN ACCESS ROAD**

BEGINNING AT A POINT WITHIN THE SE/4 NE/4 OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE EAST QUARTER CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S00°00'13"W, A DISTANCE OF 433.77 FEET;

THENCE S44°59'10"W A DISTANCE OF 14.12 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S89°57'51"W A DISTANCE OF 40.05 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE EAST QUARTER CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S06°43'48"E, A DISTANCE OF 426.71 FEET;

SAID STRIP OF LAND BEING 54.17 FEET OR 3.28 RODS IN LENGTH, CONTAINING 0.037 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SE/4 NE/4 54.17 L.F. 3.28 RODS 0.037 ACRES

**NORTHEAST ACCESS ROAD**

BEGINNING AT A POINT WITHIN THE SE/4 NE/4 OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE EAST QUARTER CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S00°00'13"W, A DISTANCE OF 893.76 FEET;

THENCE S89°57'53"W A DISTANCE OF 50.01 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE EAST QUARTER CORNER OF SAID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S03°11'56"E, A DISTANCE OF 895.13 FEET;

SAID STRIP OF LAND BEING 50.01 FEET OR 3.03 RODS IN LENGTH, CONTAINING 0.034 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SE/4 NE/4 50.01 L.F. 3.03 RODS 0.034 ACRES

**SURVEYOR CERTIFICATE**

I, FILMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,  
NEW MEXICO, THIS 28 DAY OF JANUARY 2020



MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

**SURVEY NO. 7874A**

**GENERAL NOTES**

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

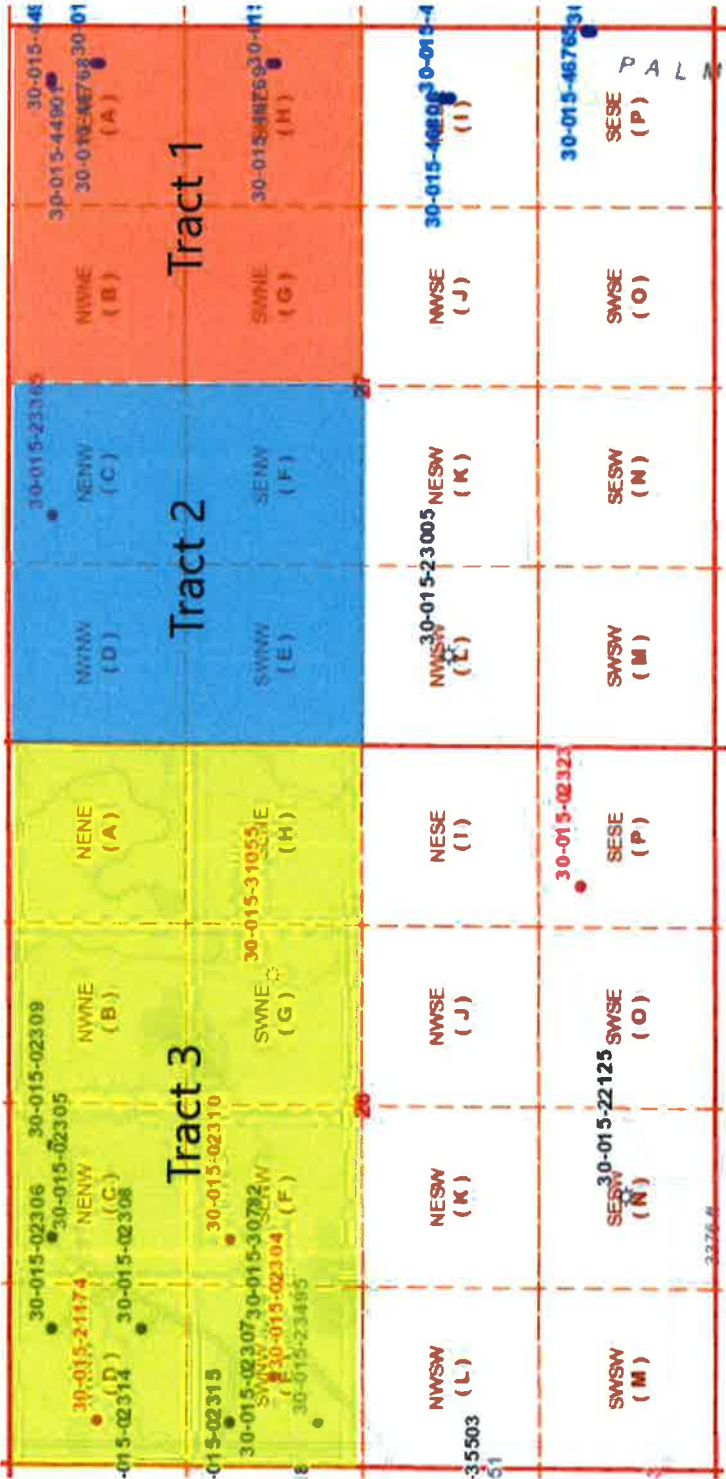
2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 6-6**

**MADRON SURVEYING, INC.** 301 SOUTH CANAL CARLSBAD, NEW MEXICO  
(575) 234-3341

| WI OWNER (Weaver)                          | TRACT   | NET     | WI      | FORCE POOL INTEREST |
|--|---------|---------|---------|---------------------|
| Colgate Production, LLC                    | 1, 2, 3 | 288.24  | 45.04%  | Operator            |
| CM Resources, LLC                          | 1, 2, 3 | 68.0356 | 10.63%  | No                  |
| Oxy USA                                    | 3       | 81.6    | 12.75%  | Yes                 |
| WPX  | 3       | 25.5556 | 3.99%   | Yes                 |
| Apache/ZPZ                                 | 1       | 26.38   | 4.12%   | Yes                 |
| Fasken Acquisitions 02, Ltd                | 2       | 38      | 5.94%   | Yes                 |
| COG Operating (Marbob & Pitch Energy)      | 1, 2    | 60      | 9.38%   | Yes                 |
| Glenrock Capital, LLC                      | 2       | 20.5556 | 3.21%   | Yes                 |
| Crown Oil Partners / Crump Energy Partners | 2       | 10      | 1.56%   | Yes                 |
| RSC Resources                              | 1, 2    | 18.6    | 2.91%   | No                  |
| Nightengale Petroleum Properties           | 2       | 0.4     | 0.06%   | Yes                 |
| Dale Smith                                 | 1       | 1.3144  | 0.21%   | Yes                 |
| Ellen Bivins                               | 1       | 1.3144  | 0.21%   | Yes                 |
|  |         | 640.00  | 100.00% |                     |







**Lynda James**  
General Manager  
Finance and Personnel  
and Controller

**Tommy E. Taylor**  
Assistant General Manager  
Director of  
Oil and Gas Development

**Charles F. Hedges, Jr.**  
Director of Real Estate  
Development  
and General Counsel

**Jimmy W. Davis, Jr.**  
Director of  
Oil and Gas Operations

**Mike Barnett**  
Surface Properties Manager

**Dexter L. Harmon**  
Exploration Manager

**Sally M. Kvasnicka**  
Land Manager

**Sean N. McDaniel**  
Investment Manager

**Sheila Payne**  
Marketing Manager

**Travis White**  
Engineering Manager

**Deborah Williams**  
Human Resources Manager

August 5, 2020

Colgate Operating, LLC  
300 North Marienfeld Street  
Suite 1000  
Midland, TX 79701

Re: Compulsory Pooling Cases 21078, 21079, 21239  
Eddy County, New Mexico

Gentlemen:

Please let this letter serve as notice that Fasken Land and Minerals, Ltd. supports Colgate Operating, LLC's Plan of Development as set forth in the above referenced cases.

Sincerely,

  
Sally M. Kvasnicka  
Land Manager

### Weaver 27/Big Burro 27 Communication Timeline

**October/November 2019** – Initial proposals sent for the Big Burro 27 State and Weaver 27.

**December 2019** – Sent updated proposals for well detail update.

**December 2020** – COG sent proposals in the event Marbob/Pitch conveyed their interest to COG.

**January 2020** – Vladin agrees to participate in the Big Burro wells.

**March-July 2020** – Various conversations with COG regarding attempts to trade or participate. Title issues arose as to whether COG acquired Pitch/Marbob's interest.

**March 2020** – RSC Resources has agreed to participate and has executed an Operating Agreement for both units.

**March 2020** – Communications with WPX resulted in the request for a cash offer from Colgate. WPX declined to further entertain cash offers once the pandemic hit.

**March – August 2020** – Various in person meetings, phone calls and email discussions with Apache to attempt to resolve this via trade or other options. Trades were not technically or logistically viable at this time given the respective acreage locations of each party.

**February to August 2020** – Various negotiations with Fasken regarding their interest. Agreement to participate reached. Currently finalizing JOA with Fasken. Fasken has provided a letter in support of Colgate in the interim.

**March - July 2020** – Various in person and other communications with Crown/Crump regarding acquiring their interest in the units. To date they have not made a decision as to whether they want to participate or divest.

**May - August 2020** – Actively conducting negotiations with Oxy with a mutually agreeable resolution expected in the very near term.

**July 2020** – Provided cash offer to acquire Apache's interest.

**July 20, 2020** – As of this date several parties have not yet executed an OA, responded or made a decision regarding cash decisions.





Via Certified Mail

December 5, 2019

Apache Corporation  
303 Veterans Airpark Lane, Suite 1000  
Midland, Texas 79705

RE: Weaver 27 State Com Well Proposals  
N/2 of Sec. 27 and N/2 Sec. 28 T19S-28E, Bone Spring Formation  
Eddy County, New Mexico

Based on planning changes, Colgate Production, LLC ("Colgate"), hereby proposes the drilling of four (4) wells, the Weaver 27 State Com 121H, 122H, 131H, and 132H at the following revised locations. Please note this proposal updates the proposal previously sent.

Weaver 27 State Com 121H  
SHL: 660' FNL and 300' FEL of Section 27-19S-28E  
BHL: 990' FNL and 100' FWL of Section 28-19S-28E  
TVD: 7,425'  
TMD: 17,179'  
Targeted Interval: 2<sup>nd</sup> Bone Spring  
Total Cost: See AFE from previous proposal

Weaver 27 State Com 122H  
SHL: 660' FNL and 300' FEL of Section 27-19S-28E  
BHL: 2310' FNL and 100' FWL of Section 28-19S-28E  
TVD: 7,455'  
TMD: 17,209'  
Targeted Interval: 2<sup>nd</sup> Bone Spring  
Total Cost: See AFE from previous proposal

Weaver 27 State Com 131H  
SHL: 1980' FNL and 300' FEL of Section 27-19S-28E  
BHL: 890' FNL and 100' FWL of Section 28-19S-28E  
TVD: 8,570'  
TMD: 18,324'  
Targeted Interval: 3<sup>rd</sup> Bone Spring  
Total Cost: See AFE from previous proposal

Weaver 27 State Com 132H  
SHL: 1980' FNL and 300' FEL of Section 27-19S-28E  
BHL: 2210' FNL and 100' FWL of Section 28-19S-28E  
TVD: 8,610'  
TMD: 18,364'  
Targeted Interval: 3<sup>rd</sup> Bone Spring  
Total Cost: See AFE from previous proposal

The locations and targets are approximate and subject to change depending on surface or subsurface issues encountered. Colgate is proposing to drill these wells under the modified terms of the 1989 AAPL Operating Agreement and a form of said Operating Agreement will be forwarded to you following your receipt of this proposal. The Operating Agreement will have the following general provisions:


- 100%/300%/300% non-consent provisions
- \$8,000/\$800 drilling and producing rates
- Colgate Operating, LLC named as Operator

Please indicate your election to participate in the drilling and completion of the proposed wells in the space provided below. Please sign and return one copy of this letter, a signed copy of the previously proposed AFEs, and your geologic well requirements.

Colgate will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into a spacing unit for the proposed well, should we not reach an agreement within 30 days of the date of this letter. If you do not wish to participate Colgate would be interested in acquiring your interest in the subject lands.

If you have any questions regarding this matter, please give me a call at 432-257-3886 or via email at mark.hajdik@colgateenergy.com.

Sincerely,



Mark Hajdik  
Senior Landman

MH  
Enclosures

#### Well Elections

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\_\_\_\_\_ I/We hereby elect to participate in the Weaver 27 State Com 121H.  
\_\_\_\_\_ I/We hereby elect NOT to participate in the Weaver 27 State Com 121H.

\_\_\_\_\_ I/We hereby elect to participate in the Weaver 27 State Com 122H.  
\_\_\_\_\_ I/We hereby elect NOT to participate in the Weaver 27 State Com 122H.

\_\_\_\_\_ I/We hereby elect to participate in the Weaver 27 State Com 131H.  
\_\_\_\_\_ I/We hereby elect NOT to participate in the Weaver 27 State Com 131H.

\_\_\_\_\_ I/We hereby elect to participate in the Weaver 27 State Com 132H.  
\_\_\_\_\_ I/We hereby elect NOT to participate in the Weaver 27 State Com 132H.

\_\_\_\_\_ I/We hereby elect to participate in the Weaver 27 State Com 123H.  
\_\_\_\_\_ I/We hereby elect NOT to participate in the Weaver 27 State Com 123H.

303 W. Wall St., Midland TX 79701  
Phone (432) 695-4257 • Fax (432) 695-4063

|                  |                          |                  |              |
|------------------|--------------------------|------------------|--------------|
| DATE:            | 10/28/2019               | AFE NO.:         | 0            |
| WELL NAME:       | Weaver 27 State Com 121H | FIELD:           | 0            |
| LOCATION:        | NM                       | MD/TVD:          | 17179 / 7425 |
| COUNTY/STATE:    | Eddy                     | LATERAL LENGTH:  | 9,427        |
| Colgate WI:      |                          | DRILLING DAYS:   | 29           |
| GEOLOGIC TARGET: | 2nd Bone Spring          | COMPLETION DAYS: | 17           |

\_\_\_\_\_

| TANGIBLE COSTS                      | DRILLING COSTS | COMPLETION COSTS | PRODUCTION COSTS | TOTAL COSTS |
|-------------------------------------|----------------|------------------|------------------|-------------|
| 60 Surface Casing                   | \$ 15,034      | \$ -             | \$ -             | \$ 15,034   |
| 61 Intermediate Casing              | 89,348         | -                | -                | 89,348      |
| 62 Drilling Liner                   | -              | -                | -                | -           |
| 63 Production Casing                | 279,846        | -                | -                | 279,846     |
| 64 Production Liner                 | -              | -                | -                | -           |
| 65 Tubing                           | -              | -                | 60,648           | 60,648      |
| 66 Wellhead                         | 77,000         | -                | 75,000           | 152,000     |
| 67 Packers, Liner Hangers           | 26,000         | -                | -                | 26,000      |
| 68 Tanks                            | -              | -                | 80,000           | 80,000      |
| 69 Production Vessels               | -              | -                | 125,000          | 125,000     |
| 70 Flow Lines                       | -              | -                | -                | -           |
| 71 Rod string                       | -              | -                | -                | -           |
| 72 Artificial Lift Equipment        | -              | -                | 95,000           | 95,000      |
| 73 Compressor                       | -              | -                | -                | -           |
| 74 Installation Costs               | -              | -                | 67,000           | 67,000      |
| 75 Surface Pumps                    | -              | -                | -                | -           |
| 76 Downhole Pumps                   | -              | -                | -                | -           |
| 77 Measurement & Meter Installation | -              | -                | -                | -           |
| 78 Gas Conditioning/ Dehydration    | -              | -                | -                | -           |
| 79 Interconnecting Facility Piping  | -              | -                | -                | -           |
| 80 Gathering/ Bulk Lines            | -              | -                | -                | -           |
| 81 Valves, Dumps, Controllers       | -              | -                | -                | -           |
| 82 Tank/ Facility Containment       | -              | -                | -                | -           |
| 83 Flare Stack                      | -              | -                | -                | -           |
| 84 Electrical/ Grounding            | -              | -                | -                | -           |
| 85 Communications/ SCADA            | -              | -                | -                | -           |
| 86 Instrumentation/ Safety          | -              | -                | -                | -           |
| TOTAL TANGIBLES >                   | 487,327        | 0                | 502,648          | 989,975     |
| TOTAL COSTS >                       | 3,743,515      | 5,591,293        | 591,198          | 9,926,007   |

|                       |               |     |
|-----------------------|---------------|-----|
| Drilling Engineer:    | Rafael Madrid |     |
| Completions Engineer: | Brady Adams   | CRM |
| Production Engineer:  | Brady Adams   |     |

|                   |    |                  |    |                 |     |
|-------------------|----|------------------|----|-----------------|-----|
| Co-CEO            | WH | Co-CEO           | JW | VP - Operations | CRM |
| VP - Land & Legal | BG | VP - Geosciences | SO |                 |     |

Company Name: \_\_\_\_\_ Working Interest (%): \_\_\_\_\_ Tax ID: \_\_\_\_\_  
Signed by: \_\_\_\_\_ Date: \_\_\_\_\_  
Title: \_\_\_\_\_ Approval: ☐ Yes ☐ No (mark one)

The results under this agreement may not be considered as evidence on any specific issue in the total cost of the program. Nothing contained herein shall be construed to limit the ability of the Parties to conduct any other work under the agreement. The Parties agree to provide the program with all data and information necessary to ensure the program is able to meet the needs of the program. The Parties agree to provide the program with all data and information necessary to ensure the program is able to meet the needs of the program. The Parties agree to provide the program with all data and information necessary to ensure the program is able to meet the needs of the program.



# Colgate Energy

303 W. Wall St., Midland TX 79701

Phone (432) 695-4257 • Fax (432) 695-4063

## ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

|                  |                          |                  |              |
|------------------|--------------------------|------------------|--------------|
| DATE:            | 10/28/2019               | AFE NO.:         | 0            |
| WELL NAME:       | Weaver 27 State Com 122H | FIELD:           | 0            |
| LOCATION:        | NM                       | MD/TVD:          | 17209 / 7455 |
| COUNTY/STATE:    | Eddy                     | LATERAL LENGTH:  | 9,427        |
| Colgate WI:      | 0.00%                    | DRILLING DAYS:   | 29           |
| GEOLOGIC TARGET: | 2nd Bone Spring          | COMPLETION DAYS: | 17           |

REMARKS: Drill and Complete 63 stages in the 2nd Bone Spring formation. AFE includes D&C, flowback & initial ESP install.

| INTANGIBLE COSTS                    | DRILLING COSTS   | COMPLETION COSTS | PRODUCTION COSTS | TOTAL COSTS      |
|-------------------------------------|------------------|------------------|------------------|------------------|
| 1 Land / Legal / Regulatory         | \$ 35,000        | \$ -             | \$ -             | \$ 35,000        |
| 2 Location, Surveys & Damages       | 220,000          | 13,000           | 4,000            | 237,000          |
| 4 Freight / Transportation          | 25,000           | 53,250           | -                | 78,250           |
| 5 Rental - Surface Equipment        | 103,721          | 207,600          | 12,000           | 323,321          |
| 6 Rental - Downhole Equipment       | 129,831          | 30,000           | -                | 179,831          |
| 7 Rental - Living Quarters          | 37,238           | 44,900           | 10,000           | 112,138          |
| 10 Directional Drilling, Surveys    | 286,100          | -                | -                | 286,100          |
| 11 Drilling                         | 812,587          | -                | -                | 812,587          |
| 12 Drill Bits                       | 106,000          | -                | -                | 106,000          |
| 13 Fuel & Power                     | 167,475          | 472,500          | -                | 639,975          |
| 14 Cementing & Float Equip          | 180,000          | -                | -                | 180,000          |
| 16 Perforating, Wireline, Slickline | -                | 459,100          | 20,000           | 479,100          |
| 17 High Pressure Pump Truck         | -                | 10,000           | -                | 10,000           |
| 18 Completion Unit, Swab, CTU       | -                | 70,000           | 16,500           | 86,500           |
| 20 Mud Circulation System           | 86,730           | -                | -                | 86,730           |
| 21 Mud Logging                      | 25,100           | -                | -                | 25,100           |
| 22 Logging / Formation Evaluation   | 14,450           | 8,000            | -                | 22,450           |
| 23 Mud & Chemicals                  | 272,097          | 44,100           | -                | 316,197          |
| 24 Water                            | 25,300           | 804,744          | -                | 830,044          |
| 25 Stimulation                      | -                | 2,079,000        | -                | 2,079,000        |
| 26 Stimulation Flowback & Disp      | -                | 143,000          | -                | 143,000          |
| 28 Mud / Wastewater Disposal        | 104,375          | 221,000          | -                | 325,375          |
| 30 Rig Supervision / Engineering    | 128,370          | 84,800           | 8,000            | 221,170          |
| 32 Drig & Completion Overhead       | 10,875           | -                | -                | 10,875           |
| 35 Labor                            | 131,000          | 12,500           | 10,000           | 163,500          |
| 95 Insurance                        | 30,976           | -                | -                | 30,976           |
| 97 Contingency                      | 296,152          | 413,797          | 8,050            | 717,902          |
| 99 Plugging & Abandonment           | -                | -                | -                | -                |
| <b>TOTAL INTANGIBLES &gt;</b>       | <b>3,256,577</b> | <b>5,591,293</b> | <b>88,550</b>    | <b>8,936,421</b> |
| TANGIBLE COSTS                      | DRILLING COSTS   | COMPLETION COSTS | PRODUCTION COSTS | TOTAL COSTS      |
| 60 Surface Casing                   | \$ 15,034        | \$ -             | \$ -             | \$ 15,034        |
| 61 Intermediate Casing              | 89,348           | -                | -                | 89,348           |
| 62 Drilling Liner                   | -                | -                | -                | -                |
| 63 Production Casing                | 280,335          | -                | -                | 280,335          |
| 64 Production Liner                 | -                | -                | -                | -                |
| 65 Tubing                           | -                | -                | 60,648           | 60,648           |
| 66 Wellhead                         | 77,000           | -                | 75,000           | 152,000          |
| 67 Packers, Liner Hangers           | 26,000           | -                | -                | 26,000           |
| 68 Tanks                            | -                | -                | 80,000           | 80,000           |
| 69 Production Vessels               | -                | -                | 125,000          | 125,000          |
| 70 Flow Lines                       | -                | -                | -                | -                |
| 71 Rod string                       | -                | -                | -                | -                |
| 72 Artificial Lift Equipment        | -                | -                | 95,000           | 95,000           |
| 73 Compressor                       | -                | -                | -                | -                |
| 74 Installation Costs               | -                | -                | 67,000           | 67,000           |
| 75 Surface Pumps                    | -                | -                | -                | -                |
| 76 Downhole Pumps                   | -                | -                | -                | -                |
| 77 Measurement & Meter Installation | -                | -                | -                | -                |
| 78 Gas Conditioning / Dehydration   | -                | -                | -                | -                |
| 79 Interconnecting Facility Piping  | -                | -                | -                | -                |
| 80 Gathering / Bulk Lines           | -                | -                | -                | -                |
| 81 Valves, Dumps, Controllers       | -                | -                | -                | -                |
| 82 Tank / Facility Containment      | -                | -                | -                | -                |
| 83 Flare Stack                      | -                | -                | -                | -                |
| 84 Electrical / Grounding           | -                | -                | -                | -                |
| 85 Communications / SCADA           | -                | -                | -                | -                |
| 86 Instrumentation / Safety         | -                | -                | -                | -                |
| <b>TOTAL TANGIBLES &gt;</b>         | <b>487,816</b>   | <b>0</b>         | <b>502,648</b>   | <b>990,464</b>   |
| <b>TOTAL COSTS &gt;</b>             | <b>3,744,394</b> | <b>5,591,293</b> | <b>591,198</b>   | <b>9,926,885</b> |

### PREPARED BY Colgate Energy:

Drilling Engineer: Rafael Madrid  
 Completions Engineer: Brady Adams  
 Production Engineer: Brady Adams

CRM

### Colgate Energy APPROVAL:

Co-CEO \_\_\_\_\_ VP - Land & Legal \_\_\_\_\_  
 VP - Geosciences \_\_\_\_\_  
 Co-CEO \_\_\_\_\_ VP - Operations \_\_\_\_\_  
 \_\_\_\_\_

### NON OPERATING PARTNER APPROVAL:

Company Name: \_\_\_\_\_ Working Interest (%): \_\_\_\_\_ Tax ID: \_\_\_\_\_  
 Signed by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Title: \_\_\_\_\_ Approval: ☐ Yes ☐ No (mark one)

The costs in this AFE are estimates only and may not be considered as obligations or estimates of the total cost of the project. Taking into account approved costs the AFE may be adjusted as it is used for the well has been completed. In reviewing this AFE, the Participant agrees to the preparation of the AFE and the costs included, including legal, regulatory, and other costs under the terms of the applicable lease agreement, regulatory rules or other agreement covering this well. Participants shall be covered by and held responsible for the Operator's well control and general liability insurance unless participant provides a separate certificate of insurance or otherwise acceptable to the Operator by the date of sign.

**Colgate Energy**  
303 W. Wall St., Midland TX 79701  
Phone (432) 695-4257 • Fax (432) 695-4063

ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

|                  |                          |                  |              |
|------------------|--------------------------|------------------|--------------|
| DATE:            | 10/28/2019               | AFE NO.:         | 0            |
| WELL NAME:       | Weaver 27 State Com 131H | FIELD:           | 0            |
| LOCATION:        | NM                       | MD/TVD:          | 18324 / 8570 |
| COUNTY/STATE:    | Eddy                     | LATERAL LENGTH:  | 9,427        |
| Colgate WI:      |                          | DRILLING DAYS:   | 30           |
| GEOLOGIC TARGET: | 3rd Bone Spring          | COMPLETION DAYS: | 17           |

REMARKS: Drill and Complete 63 stages in the 3rd Bone Spring formation. AFE includes D&C, flowback & initial ESP install.

| INTANGIBLE COSTS                    | DRILLING COSTS   | COMPLETION COSTS | PRODUCTION COSTS | TOTAL COSTS       |
|-------------------------------------|------------------|------------------|------------------|-------------------|
| 1 Land / Legal / Regulatory         | \$ 35,000        | \$               | \$               | \$ 35,000         |
| 2 Location, Surveys & Damages       | 220,000          | 13,000           | 4,000            | 237,000           |
| 4 Freight / Transportation          | 25,000           | 53,750           |                  | 78,750            |
| 5 Rental - Surface Equipment        | 106,863          | 209,400          | 12,000           | 328,263           |
| 6 Rental - Downhole Equipment       | 144,171          | 60,000           |                  | 204,171           |
| 7 Rental - Living Quarters          | 58,788           | 45,700           | 10,000           | 114,488           |
| 10 Directional Drilling, Surveys    | 294,300          |                  |                  | 294,300           |
| 11 Drilling                         | 835,330          |                  |                  | 835,330           |
| 12 Drill Bits                       | 106,000          |                  |                  | 106,000           |
| 13 Fuel & Power                     | 173,750          | 472,500          |                  | 646,250           |
| 14 Cementing & Float Equip          | 180,000          |                  |                  | 180,000           |
| 16 Perforating, Wireline, Slickline | -                | 459,100          | 20,000           | 479,100           |
| 17 High Pressure Pump Truck         | -                | 10,000           |                  | 10,000            |
| 18 Completion Unit, Swab, C.U.      | -                | 140,000          | 16,500           | 156,500           |
| 20 Mud Circulation System           | 88,605           |                  |                  | 88,605            |
| 21 Mud Logging                      | 21,810           |                  |                  | 21,810            |
| 22 Logging / Formation Evaluation   | 11,900           | 8,000            |                  | 19,900            |
| 23 Mud & Chemicals                  | 271,872          | 464,100          |                  | 735,972           |
| 24 Water                            | 25,500           | 804,744          |                  | 830,244           |
| 25 Stimulation                      | -                | 2,079,000        |                  | 2,079,000         |
| 26 Stimulation Flowback & Disp      | -                | 152,000          |                  | 152,000           |
| 28 Mud / Wastewater Disposal        | 104,375          | 221,000          |                  | 325,375           |
| 30 Rig Supervision / Engineering    | 132,900          | 88,000           | 8,000            | 228,900           |
| 32 Drig & Completion Overhead       | 11,250           | -                |                  | 11,250            |
| 35 Labor                            | 141,000          | 12,500           | 10,000           | 163,500           |
| 95 Insurance                        | 32,983           |                  |                  | 32,983            |
| 97 Contingency                      | 302,090          | 425,429          | 8,050            | 735,469           |
| 99 Plugging & Abandonment           | -                |                  |                  | -                 |
| <b>TOTAL INTANGIBLES &gt;</b>       | <b>3,322,986</b> | <b>5,718,123</b> | <b>88,550</b>    | <b>9,129,660</b>  |
| TANGIBLE COSTS                      | DRILLING COSTS   | COMPLETION COSTS | PRODUCTION COSTS | TOTAL COSTS       |
| 60 Surface Casing                   | \$ 15,034        | \$               | \$               | \$ 15,034         |
| 61 Intermediate Casing              | 225,348          |                  |                  | 225,348           |
| 62 Drilling Liner                   | -                |                  |                  | -                 |
| 63 Production Casing                | 298,498          |                  |                  | 298,498           |
| 64 Production Liner                 | -                |                  |                  | -                 |
| 65 Tubing                           | -                |                  | 60,648           | 60,648            |
| 66 Wellhead                         | 77,000           |                  | 75,000           | 152,000           |
| 67 Packers, Liner Hangers           | 26,000           | -                | -                | 26,000            |
| 68 Tanks                            | -                |                  | 80,000           | 80,000            |
| 69 Production Vessels               | -                |                  | 125,000          | 125,000           |
| 70 Flow Lines                       | -                |                  | -                | -                 |
| 71 Rod string                       | -                |                  | -                | -                 |
| 72 Artificial Lift Equipment        | -                |                  | 95,000           | 95,000            |
| 73 Compressor                       | -                |                  | -                | -                 |
| 74 Installation Costs               | -                |                  | 67,000           | 67,000            |
| 75 Surface Pumps                    | -                |                  | -                | -                 |
| 76 Downhole Pumps                   | -                |                  | -                | -                 |
| 77 Measurement & Meter Installation | -                |                  | -                | -                 |
| 78 Gas Conditioning / Dehydration   | -                |                  | -                | -                 |
| 79 Interconnecting Facility Piping  | -                |                  | -                | -                 |
| 80 Gathering / Bulk Lines           | -                |                  | -                | -                 |
| 81 Valves, Dumps, Controllers       | -                |                  | -                | -                 |
| 82 Tank / Facility Containment      | -                |                  | -                | -                 |
| 83 Flare Stack                      | -                |                  | -                | -                 |
| 84 Electrical / Grounding           | -                |                  | -                | -                 |
| 85 Communications / SCADA           | -                |                  | -                | -                 |
| 86 Instrumentation / Safety         | -                |                  | -                | -                 |
| <b>TOTAL TANGIBLES &gt;</b>         | <b>641,879</b>   | <b>0</b>         | <b>502,648</b>   | <b>1,144,527</b>  |
| <b>TOTAL COSTS &gt;</b>             | <b>3,964,866</b> | <b>5,718,123</b> | <b>591,198</b>   | <b>10,274,187</b> |

**PREPARED BY Colgate Energy:**

Drilling Engineer: Rafael Madrid  
Completions Engineer: Brady Adams  
Production Engineer: Brady Adams

CRM

**Colgate Energy APPROVAL:**

Co-CEO \_\_\_\_\_ Co-CEO \_\_\_\_\_ VP - Operations \_\_\_\_\_  
VP - Land & Legal \_\_\_\_\_ VP - Geosciences \_\_\_\_\_  
BC \_\_\_\_\_ SC \_\_\_\_\_

**NON OPERATING PARTNER APPROVAL:**

Company Name: \_\_\_\_\_ Working Interest (%): \_\_\_\_\_ Tax ID: \_\_\_\_\_  
Signed by: \_\_\_\_\_ Date: \_\_\_\_\_  
Title: \_\_\_\_\_ Approval: ☐ Yes ☐ No (mark one)

The completion of this AFE is necessary only, and does not constitute an agreement on any specific item or the total cost of the project. Before installation, approval of the AFE must be obtained by the wellhead owner. In executing this AFE, the Participant agrees to pay its proportionate share of total costs incurred, including, but not limited to, the costs of the applicable permit, engineering, geology, and wellhead and wellbore costs under the terms of the applicable permit, engineering, geology, and wellhead and wellbore costs. Participants shall be covered by wellhead and wellbore insurance and general liability insurance unless participant provides Operator a certificate evidencing its own insurance or an amount acceptable to the Operator by the date of sign-off.

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|                  |                          |                  |              |
|------------------|--------------------------|------------------|--------------|
| DATE:            | 10/28/2019               | AFE NO.:         | 0            |
| WELL NAME:       | Weaver 27 State Com 132H | FIELD:           | 0            |
| LOCATION:        | NM                       | MD/TVD:          | 18364 / 8610 |
| COUNTY/STATE:    | Eddy                     | LATERAL LENGTH:  | 9,427        |
| Colgate WI:      |                          | DRILLING DAYS:   | 30           |
| GEOLOGIC TARGET: | 3rd Bone Spring          | COMPLETION DAYS: | 17           |

| INTANGIBLE COSTS                    | DRILLING COSTS | COMPLETION COSTS | PRODUCTION COSTS | TOTAL COSTS |
|-------------------------------------|----------------|------------------|------------------|-------------|
| 1 Land / Legal / Regulatory         | \$ 55,000      | \$ -             | \$ -             | \$ 55,000   |
| 2 Location, Surveys & Damages       | 230,000        | 13,000           | 1,000            | 237,000     |
| 4 Freight / Transportation          | 25,000         | 53,750           | -                | 78,750      |
| 5 Rental - Surface Equipment        | 106,865        | 209,400          | 12,000           | 328,265     |
| 6 Rental - Downhole Equipment       | 114,171        | 60,000           | -                | 204,171     |
| 7 Rental - Living Quarters          | 58,788         | 45,700           | 10,000           | 114,488     |
| 10 Directional Drilling, Surveys    | 294,300        | -                | -                | 294,300     |
| 11 Drilling                         | 819,330        | -                | -                | 819,330     |
| 12 Drill Bits                       | 106,000        | -                | -                | 106,000     |
| 13 Fuel & Power                     | 175,250        | 172,500          | -                | 645,750     |
| 14 Cementing & Float Equip          | 180,000        | -                | -                | 180,000     |
| 16 Perforating, Wireline, Slickline | -              | 459,100          | 20,000           | 479,100     |
| 17 High Pressure Pump Truck         | -              | 10,000           | 10,000           | 20,000      |
| 18 Completion Unit, Swab, CIU       | -              | 110,000          | 16,500           | 156,500     |
| 20 Mud Circulation System           | 88,605         | -                | -                | 88,605      |
| 21 Mud Logging                      | 21,810         | -                | -                | 21,810      |
| 22 Logging / Formation Evaluation   | 11,900         | 8,000            | -                | 19,900      |
| 23 Mud & Chemicals                  | 272,272        | 464,100          | -                | 736,372     |
| 24 Water                            | 25,500         | 804,711          | -                | 830,211     |
| 25 Stimulation                      | -              | 2,079,000        | -                | 2,079,000   |
| 26 Stimulation Flowback & Disp      | -              | 152,000          | -                | 152,000     |
| 28 Mud / Wastewater Disposal        | 104,375        | 221,000          | -                | 325,375     |
| 30 Rig Supervision / Engineering    | 152,900        | 88,000           | 8,000            | 228,900     |
| 32 Drilg & Completion Overhead      | 11,250         | -                | -                | 11,250      |
| 35 Labor                            | 141,000        | 12,500           | 10,000           | 163,500     |
| 95 Insurance                        | 33,055         | -                | -                | 33,055      |
| 97 Contingency                      | 302,137        | 425,329          | 8,050            | 735,516     |
| 99 Plugging & Abandonment           | -              | -                | -                | -           |
| TOTAL INTANGIBLES >                 | 3,323,506      | 5,718,123        | 88,550           | 9,130,179   |

|                       |               |     |
|-----------------------|---------------|-----|
| Drilling Engineer:    | Rafael Madrid | CRM |
| Completions Engineer: | Brady Adams   |     |
| Production Engineer:  | Brady Adams   |     |

|                   |    |                  |    |                 |     |
|-------------------|----|------------------|----|-----------------|-----|
| Co-CEO            | WH | Co-CEO           | JW | VP - Operations | CRM |
| VP - Land & Legal | BC | VP - Geosciences | SO |                 |     |

Company Name: \_\_\_\_\_ Working Interest (%): \_\_\_\_\_ Tax ID: \_\_\_\_\_  
Signed by: \_\_\_\_\_ Date: \_\_\_\_\_  
Title: \_\_\_\_\_ Approval: ☐ Yes ☐ No (mark one)

The costs to this EIE are reasonably direct and not to be incurred in relation to any specific source of the total cost of the project. Taking into account agreement under the NEMs, the direct costs to a source are the full costs to be incurred. In receiving the EIE, the Participant agrees to pay its proportionate share of all such costs incurred, including, but not limited to, regulatory, technical, legal and software costs and the terms of the applicable gas processing agreements, regulatory and/or third-party financial arrangements, and other arrangements relating to the EIE. Participant shall be deemed to have agreed to pay its proportionate share of all such costs incurred, including, but not limited to, regulatory, technical, legal and software costs and the terms of the applicable gas processing agreements, regulatory and/or third-party financial arrangements, and other arrangements relating to the EIE. Participant shall be deemed to have agreed to pay its proportionate share of all such costs incurred, including, but not limited to, regulatory, technical, legal and software costs and the terms of the applicable gas processing agreements, regulatory and/or third-party financial arrangements, and other arrangements relating to the EIE.



# Colgate Energy

303 W. Wall St., Midland TX 79701  
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## ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

|                  |                          |                  |                         |
|------------------|--------------------------|------------------|-------------------------|
| DATE:            | 8/5/2020                 | AFE NO.:         | 0                       |
| WELL NAME:       | Weaver 27 State Com 132H | FIELD:           | Winchester, Bone Spring |
| LOCATION:        | Parkway                  | MD/TVD:          | 18364 / 8610            |
| COUNTY/STATE:    | Eddy                     | LATERAL LENGTH:  | 9,427                   |
| Colgate WI:      |                          | DRILLING DAYS:   | 23.25                   |
| GEOLOGIC TARGET: | 3rd Bone Spring          | COMPLETION DAYS: | 16                      |

REMARKS: Drill and Complete 63 stages in the 3rd Bone Spring formation. AFE includes D&C, flowback & initial ESP install.

| INTANGIBLE COSTS                    | DRILLING COSTS   | COMPLETION COSTS | PRODUCTION COSTS | TOTAL COSTS      |
|-------------------------------------|------------------|------------------|------------------|------------------|
| 1 Land/Legal/Regulatory             | \$ 35,000        |                  |                  | \$ 35,000        |
| 2 Location, Surveys & Damages       | 150,000          | 13,000           | 10,000           | 173,000          |
| 4 Freight/Transportation            | 55,500           | 6,750            |                  | 62,250           |
| 5 Rental - Surface Equipment        | 62,354           | 190,150          | 4,640            | 257,144          |
| 6 Rental - Downhole Equipment       | 68,799           | 50,000           |                  | 118,799          |
| 7 Rental - Living Quarters          | 38,383           | 45,000           | 3,200            | 86,583           |
| 10 Directional Drilling, Surveys    | 237,200          |                  |                  | 237,200          |
| 11 Drilling                         | 321,597          |                  |                  | 321,597          |
| 12 Drill Bits                       | 112,500          |                  |                  | 112,500          |
| 13 Fuel & Power                     | 75,679           | 210,000          |                  | 285,679          |
| 14 Cementing & Float Equip          | 155,000          |                  |                  | 155,000          |
| 16 Perforating, Wireline, Slickline |                  | 260,750          | 8,000            | 268,750          |
| 17 High Pressure Pump Truck         |                  | 10,000           |                  | 10,000           |
| 18 Completion Unit, Swab, CTU       |                  | 150,000          | 12,040           | 162,040          |
| 20 Mud Circulation System           | 91,730           |                  |                  | 91,730           |
| 21 Mud Logging                      | 21,725           |                  |                  | 21,725           |
| 22 Logging/Formation Evaluation     | 8,256            | 8,000            |                  | 16,256           |
| 23 Mud & Chemicals                  | 106,356          | 308,000          |                  | 414,356          |
| 24 Water                            | 28,126           | 543,228          |                  | 571,354          |
| 25 Stimulation                      |                  | 720,000          |                  | 720,000          |
| 26 Stimulation Flowback & Dlep      |                  | 64,000           |                  | 64,000           |
| 28 Mud/Wastewater Disposal          | 96,938           | 73,000           |                  | 169,938          |
| 30 Rig Supervision/Engineering      | 108,322          | 79,660           | 9,800            | 197,782          |
| 32 Drig & Completion Overhead       | 8,719            |                  |                  | 8,719            |
| 36 Labor                            | 108,500          | 30,500           | 10,000           | 149,000          |
| 54 Proppant                         |                  | 490,676          |                  | 490,676          |
| 96 Insurance                        | 34,810           |                  |                  | 34,810           |
| 97 Contingency                      | 106,502          | 159,333          | 5,968            | 271,603          |
| 99 Plugging & Abandonment           |                  |                  |                  |                  |
| <b>TOTAL INTANGIBLES &gt;</b>       | <b>2,232,334</b> | <b>3,438,986</b> | <b>65,648</b>    | <b>5,736,968</b> |

| TANGIBLE COSTS                      | DRILLING COSTS   | COMPLETION COSTS | PRODUCTION COSTS | TOTAL COSTS      |
|-------------------------------------|------------------|------------------|------------------|------------------|
| 60 Surface Casing                   | \$ 9,980         |                  |                  | \$ 9,980         |
| 61 Intermediate Casing              | 69,726           |                  |                  | 69,726           |
| 62 Drilling Liner                   |                  |                  |                  |                  |
| 63 Production Casing                | 254,308          |                  |                  | 254,308          |
| 64 Production Liner                 |                  |                  |                  |                  |
| 65 Tubing                           |                  |                  | 36,156           | 36,156           |
| 66 Wellhead                         | 64,000           | 18,000           |                  | 82,000           |
| 67 Packers, Liner Hangers           | 22,000           | 3,400            |                  | 25,400           |
| 68 Tanks                            |                  |                  |                  |                  |
| 69 Production Vessels               |                  |                  |                  |                  |
| 70 Flow Lines                       |                  |                  |                  |                  |
| 71 Rod string                       |                  |                  |                  |                  |
| 72 Artificial Lift Equipment        |                  | 80,000           |                  | 80,000           |
| 73 Compressor                       |                  |                  |                  |                  |
| 74 Installation Costs               |                  | 35,000           |                  | 35,000           |
| 75 Surface Pumps                    |                  | 5,000            |                  | 5,000            |
| 76 Downhole Pumps                   |                  | 4,950            |                  | 4,950            |
| 77 Measurement & Meter Installation |                  |                  |                  |                  |
| 78 Gas Conditioning/Dehydration     |                  |                  |                  |                  |
| 79 Interconnecting Facility Piping  |                  |                  |                  |                  |
| 80 Gathering/Bulk Lines             |                  |                  |                  |                  |
| 81 Valves, Dumps, Controllers       |                  |                  |                  |                  |
| 82 Tank/Facility Containment        |                  |                  |                  |                  |
| 83 Flare Stack                      |                  |                  |                  |                  |
| 84 Electrical/Grounding             |                  |                  | 60,000           | 60,000           |
| 85 Communications/SCADA             |                  |                  |                  |                  |
| 86 Instrumentation/Safety           |                  |                  |                  |                  |
| <b>TOTAL TANGIBLES &gt;</b>         | <b>419,623</b>   | <b>0</b>         | <b>273,706</b>   | <b>693,329</b>   |
| <b>TOTAL COSTS &gt;</b>             | <b>2,651,957</b> | <b>3,438,986</b> | <b>339,354</b>   | <b>6,430,297</b> |

### PREPARED BY Colgate Energy:

|                       |               |     |
|-----------------------|---------------|-----|
| Drilling Engineer:    | Steven Sogren |     |
| Completions Engineer: | Bruce Adams   | CRM |
| Production Engineer:  | Levi Harris   |     |

### Colgate Energy APPROVAL:

|                   |    |                  |    |                 |     |
|-------------------|----|------------------|----|-----------------|-----|
| Co-CEO            | WH | Co-CEO           | IW | VP - Operations | CRM |
| VP - Land & Legal | RC | VP - Geosciences | SO |                 |     |

### NON OPERATING PARTNER APPROVAL:

|               |  |  |  |         |  |
|---------------|--|--|--|---------|--|
| Company Name: |  | Working Interest (%):  |  | Tax ID: |  |
| Signed by:    |  | Date:  |  |         |  |
| Title:        |  | Approval <input type="checkbox"/> Yes <input type="checkbox"/> No (Mark one) |  |         |  |

The undersigned AFE and estimates and authorizations are prepared and signed by the undersigned for the purpose of the AFE. The undersigned agrees to provide the AFE to the AFE owner for the purpose of the AFE. The undersigned agrees to provide the AFE to the AFE owner for the purpose of the AFE. The undersigned agrees to provide the AFE to the AFE owner for the purpose of the AFE.

# Colgate Energy

303 W. Wall St., Midland TX 79701  
Phone (432) 695-4257 • Fax (432) 695-4063

## ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

|                  |                           |                  |                         |
|------------------|---------------------------|------------------|-------------------------|
| DATE:            | 8/5/2020                  | AFE NO.:         | 0                       |
| WELL NAME:       | Weaver 27 State Com 13111 | FIELD:           | Winchester, Bone Spring |
| LOCATION:        | Parkway                   | MD/TVD:          | 18324 / 8570            |
| COUNTY/STATE:    | Eddy                      | LATERAL LENGTH:  | 9,427                   |
| Colgate Well:    |                           | DRILLING DAYS:   | 23,25                   |
| GEOLOGIC TARGET: | 3rd Bone Spring           | COMPLETION DAYS: | 16                      |

REMARKS: Drill and Complete 63 stages in the 3rd Bone Spring formation. AFE includes D&C, flowback & initial ESP install.

|                                     | INTANGIBLE COSTS | DRILLING COSTS | COMPLETION COSTS | PRODUCTION COSTS | TOTAL COSTS |
|-------------------------------------|------------------|----------------|------------------|------------------|-------------|
| 1 Land/Legal/Regulatory             | \$ 35,000        |                |                  |                  | \$ 35,000   |
| 2 Location, Surveys & Damages       | 150,000          | 13,000         | 10,000           |                  | 173,000     |
| 4 Freight/Transportation            | 35,500           | 36,750         |                  |                  | 92,250      |
| 5 Rental - Surface Equipment        | 62,384           | 150,450        | 1,640            |                  | 217,114     |
| 6 Rental - Downhole Equipment       | 68,799           | 36,000         |                  |                  | 124,799     |
| 7 Rental - Living Quarters          | 38,583           | 45,700         | 5,200            |                  | 89,183      |
| 10 Directional Drilling, Surveys    | 217,200          |                |                  |                  | 217,200     |
| 11 Drilling                         | 521,397          |                |                  |                  | 521,397     |
| 12 Drill Bits                       | 112,500          |                |                  |                  | 112,500     |
| 13 Fuel & Power                     | 75,670           | 210,000        |                  |                  | 285,670     |
| 14 Cementing & Float Equip          | 135,000          |                |                  |                  | 135,000     |
| 16 Perforating, Wireline, Slickline | -                | 261,750        | 8,000            |                  | 269,750     |
| 17 High Pressure Pump Truck         | -                | 10,000         |                  |                  | 10,000      |
| 18 Completion Unit, Swab, C/U       | -                | 150,000        | 12,010           |                  | 162,010     |
| 20 Mud Circulation System           | 91,730           |                |                  |                  | 91,730      |
| 21 Mud Logging                      | 21,725           |                |                  |                  | 21,725      |
| 22 Logging/Formation Evaluation     | 8,296            | 8,000          |                  |                  | 16,296      |
| 23 Mud & Chemicals                  | 106,356          | 343,220        |                  |                  | 449,576     |
| 24 Water                            | 28,126           | 720,000        |                  |                  | 748,126     |
| 25 Stimulation                      | -                | 94,000         |                  |                  | 94,000      |
| 26 Stimulation Flowback & Disp      | -                | 73,000         |                  |                  | 73,000      |
| 28 Mud/Wastewater Disposal          | 96,938           | 79,600         | 9,800            |                  | 186,338     |
| 30 Rig Supervision/Engineering      | 108,322          | 8,719          |                  |                  | 117,041     |
| 32 Drig & Completion Overhead       | 108,300          | 30,500         | 10,000           |                  | 148,800     |
| 35 Labor                            | -                | 490,676        |                  |                  | 490,676     |
| 54 Proppant                         | 34,810           |                |                  |                  | 34,810      |
| 97 Insurance                        | 106,302          | 159,333        | 3,968            |                  | 269,593     |
| 99 Plugging & Abandonment           | -                |                |                  |                  | -           |
| TOTAL INTANGIBLES >                 | 2,232,334        | 3,438,986      | 65,648           |                  | 5,736,968   |
|                                     | TANGIBLE COSTS   | DRILLING COSTS | COMPLETION COSTS | PRODUCTION COSTS | TOTAL COSTS |
| 60 Surface Casing                   | \$ 9,590         |                |                  |                  | \$ 9,590    |
| 61 Intermediate Casing              | 69,726           |                |                  |                  | 69,726      |
| 62 Drilling Liner                   | -                |                |                  |                  | -           |
| 63 Production Casing                | 251,308          |                |                  |                  | 251,308     |
| 64 Production Liner                 | -                |                |                  |                  | -           |
| 65 Tubing                           | -                |                |                  | 36,356           | 36,356      |
| 66 Wellhead                         | 64,000           |                |                  | 18,900           | 82,900      |
| 67 Packers, Liner Hangers           | 22,000           |                |                  | 3,300            | 25,300      |
| 68 Tanks                            | -                |                |                  |                  | -           |
| 69 Production Vessels               | -                |                |                  |                  | -           |
| 70 Flow Lines                       | -                |                |                  |                  | -           |
| 71 Rod string                       | -                |                |                  |                  | -           |
| 72 Artificial Lift Equipment        | -                |                |                  | 80,000           | 80,000      |
| 73 Compressor                       | -                |                |                  |                  | -           |
| 74 Installation Costs               | -                |                |                  | 35,000           | 35,000      |
| 75 Surface Pumps                    | -                |                |                  | 5,000            | 5,000       |
| 76 Downhole Pumps                   | -                |                |                  | 1,950            | 1,950       |
| 77 Measurement & Meter Installation | -                |                |                  |                  | -           |
| 78 Gas Conditioning/Dehydration     | -                |                |                  |                  | -           |
| 79 Interconnecting Facility Piping  | -                |                |                  |                  | -           |
| 80 Gathering/Bulk Lines             | -                |                |                  |                  | -           |
| 81 Valves, Dumps, Controllers       | -                |                |                  |                  | -           |
| 82 Tank/Facility Containment        | -                |                |                  |                  | -           |
| 83 Flare Stack                      | -                |                |                  |                  | -           |
| 84 Electrical/Grounding             | -                |                |                  | 60,000           | 60,000      |
| 85 Communications/SCADA             | -                |                |                  |                  | -           |
| 86 Instrumentation/Safety           | -                |                |                  |                  | -           |
| TOTAL TANGIBLES >                   | 419,623          | 0              | 273,706          |                  | 693,329     |
| TOTAL COSTS >                       | 2,651,957        | 3,438,986      | 339,354          |                  | 6,430,297   |

### PREPARED BY Colgate Energy:

|                       |                |     |
|-----------------------|----------------|-----|
| Drilling Engineer:    | Steven Sargent |     |
| Completions Engineer: | Becky Adams    | CRM |
| Production Engineer:  | Lee Harris     |     |

### Colgate Energy APPROVAL:

|                   |    |                  |    |                 |     |
|-------------------|----|------------------|----|-----------------|-----|
| Co-CEO            | WH | Co-CEO           | JW | VP - Operations | CRM |
| VP - Land & Legal | BG | VP - Geosciences | BJ |                 |     |

### NON OPERATING PARTNER APPROVAL:

|               |  |                      |  |            |  |
|---------------|--|----------------------|--|------------|--|
| Company Name: |  | Working Interest (%) |  | Tax ID     |  |
| Signed by:    |  | Date:                |  |            |  |
| Title:        |  | Approval             | <input type="checkbox"/> Yes <input type="checkbox"/> No | (mark one) |  |

The undersigned hereby certifies that the information contained herein is true and correct to the best of their knowledge and belief, and that they are not aware of any material misstatements or omissions in the foregoing information. This authorization is given for the purpose of executing the AFE and for all other matters connected therewith. This authorization is given for the purpose of executing the AFE and for all other matters connected therewith. This authorization is given for the purpose of executing the AFE and for all other matters connected therewith.

303 W. Wall St., Midland TX 79701  
Phone (432) 695-4257 • Fax (432) 695-4063

|                  |                          |                  |                        |
|------------------|--------------------------|------------------|------------------------|
| DATE:            | 8/5/2020                 | AFF NO.:         | 0                      |
| WELL NAME:       | Weaver 27 State Com 121H | FIELD:           | Winchester Bone Spring |
| LOCATION:        | Parkway                  | MD/TVD:          | 17179 / 7425           |
| COUNTY/STATE:    | Eddy                     | LATERAL LENGTH:  | 9,427                  |
| Colgate WI:      |                          | DRILLING DAYS:   | 20.6                   |
| GEOLOGIC TARGET: | 2nd Bone Spring          | COMPLETION DAYS: | 16                     |

REMARKS: Drill and Complete 63 stages in the 2nd Bone Spring formation. AFE includes D&C, flowback & initial ESP install.

PREPARED BY Colgate Energy:

|                       |                |     |
|-----------------------|----------------|-----|
| Drilling Engineer:    | Steven Segrest |     |
| Completions Engineer: | Brady Adams    | CRM |
| Production Engineer:  | Levi Harris    |     |

Co CEO \_\_\_\_\_ WH \_\_\_\_\_ VP - Land & Legal \_\_\_\_\_ RG \_\_\_\_\_

Co CEO \_\_\_\_\_ JW \_\_\_\_\_ VP - Governance \_\_\_\_\_ SD \_\_\_\_\_

VP - Operations \_\_\_\_\_ CRM \_\_\_\_\_

Company Name \_\_\_\_\_ Working Interest (%) \_\_\_\_\_ Tax ID: \_\_\_\_\_  
Signed by \_\_\_\_\_ Date: \_\_\_\_\_  
Title \_\_\_\_\_ Approval: ☐ Yes ☐ No (mark one)

[illegible]



303 W. Wall St., Midland TX 79701  
Phone (432) 695-4257 • Fax (432) 695-4063

|                  |                          |                  |                        |
|------------------|--------------------------|------------------|------------------------|
| DATE:            | 8/5/2020                 | AFE NO.:         | 0                      |
| WELL NAME:       | Weaver 27 State Com 122H | FIELD:           | Winchester Bone Spring |
| LOCATION:        | Parkway                  | MD/TVD:          | 17209 / 7455           |
| COUNTY/STATE:    | Eddy                     | LATERAL LENGTH:  | 9,427                  |
| Colgate WI:      |                          | DRIILLING DAYS:  | 20.6                   |
| GEOLOGIC TARGET: | 2nd Bone Spring          | COMPLETION DAYS: | 16                     |

| IN TANGIBLE COSTS                   | DRILLING COSTS | COMPLETION COSTS | PRODUCTION COSTS | TOTAL COSTS |
|-------------------------------------|----------------|------------------|------------------|-------------|
| 1 Land / Legal / Regulatory         | \$ 35,000      | \$ -             | \$ -             | \$ 35,000   |
| 2 Location, Surveys & Damages       | 150,000        | 15,000           | 10,000           | 175,000     |
| 4 Freight / Transportation          | 35,500         | 36,750           | -                | 92,250      |
| 5 Rental - Surface Equipment        | 35,800         | 150,450          | 4,640            | 210,890     |
| 6 Rental - Downhole Equipment       | 68,799         | 36,000           | -                | 124,799     |
| 7 Rental - Living Quarters          | 35,546         | 45,700           | 5,200            | 86,146      |
| 10 Directional Drilling, Surveys    | 188,350        | -                | -                | 188,350     |
| 11 Drilling                         | 475,824        | -                | -                | 175,821     |
| 12 Drill Bits                       | 81,000         | -                | -                | 81,000      |
| 13 Fuel & Power                     | 67,053         | 210,000          | -                | 277,053     |
| 14 Cementing & Float Equip          | 155,000        | -                | -                | 155,000     |
| 16 Perforating, Wireline, Slickline | -              | 260,750          | 8,000            | 268,750     |
| 17 High Pressure Pump Truck         | -              | 10,000           | -                | 10,000      |
| 18 Completion Unit, Swab, CTU       | -              | 150,000          | 12,040           | 162,040     |
| 20 Mud Circulation System           | 83,144         | -                | -                | 83,144      |
| 21 Mud Logging                      | 19,189         | -                | -                | 19,189      |
| 22 Logging / Formation Evaluation   | 6,494          | 8,000            | -                | 14,494      |
| 23 Mud & Chemicals                  | 98,516         | 308,000          | -                | 106,516     |
| 24 Water                            | 28,193         | 305,932          | -                | 534,125     |
| 25 Stimulation                      | -              | 720,000          | -                | 720,000     |
| 26 Stimulation Flowback & Drip      | -              | 94,000           | -                | 94,000      |
| 28 Mud / Wastewater Disposal        | 96,938         | 63,000           | -                | 159,938     |
| 30 Rig Supervision / Engineering    | 95,995         | 79,600           | 9,800            | 185,375     |
| 32 Drig & Completion Overhead       | 7,723          | -                | -                | 7,723       |
| 54 Labor                            | 106,588        | 30,500           | 10,000           | 149,000     |
| 54 Proppant                         | -              | 436,156          | -                | 436,156     |
| 95 Insurance                        | 32,632         | -                | -                | 32,632      |
| 97 Contingency                      | 97,274         | 154,242          | 5,968            | 257,484     |
| 99 Plugging & Abandonment           | -              | -                | -                | -           |
| TOTAL INTANGIBLES >                 | 2,042,761      | 3,332,080        | 65,648           | 5,440,489   |

**PREPARED BY Colgate Energy:**

CRM

Co CEO \_\_\_\_\_ /W  
 \_\_\_\_\_ /S()

VP - Operations                      (CM)

Company Name \_\_\_\_\_  
Signed by \_\_\_\_\_  
Title \_\_\_\_\_

| Working Interest (%) | Tax ID |
|----------------------|--------|
|----------------------|--------|

Date \_\_\_\_\_

Approval: ☐ Yes ☐ No (mark one)

[illegible]