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Exhibit A

Affidavit of Mark Hadjik

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

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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)
) 55
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: 2nd 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: 2nd 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: 3rd 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: 3rd 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 day of August, 2020, by MARK HADJIK on behalf of Colgate Operating. LLC.

Notary Public

My Commission Expires:

5/29/2022

JORDAN IRETON
Notary Public, State of Texas
Comm. Expires 05-29-2022
Notary ID 129034221

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 Biazos 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

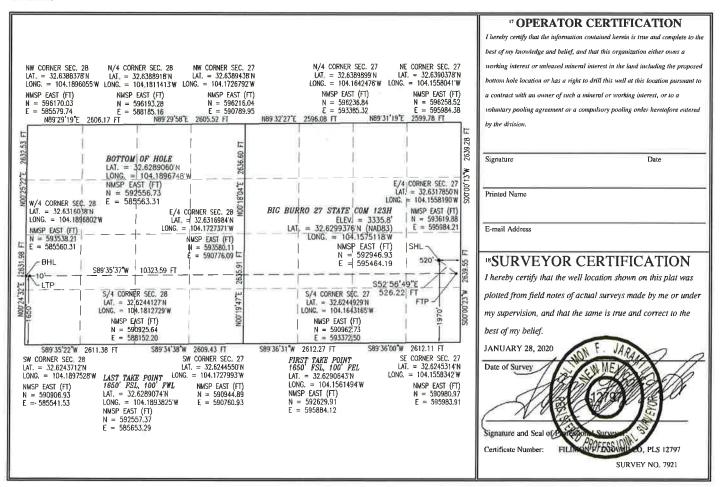
Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

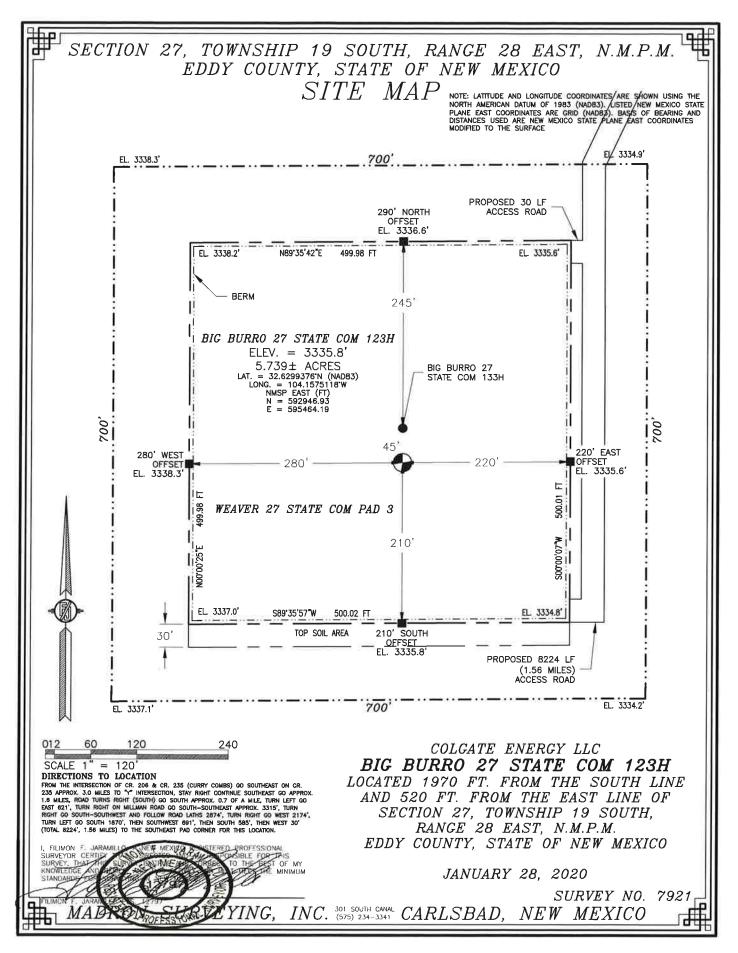
						CEAGE DEDIC						
'.	API Numbe	г		² Pool Cod	de ³ Pool Name							
4 Property	Code				5 Property	Name			6 Well Number			
				BI	G BURRO 27	STATE COM			123H			
OGRID 1	No.		° Elevation									
37144	371449 COLGATE ENERGY LLC								3335.8			
					" Surface	e Location						
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Wo	East/West line Cou			
I	27	19 S	28 E		1970	SOUTH	520	EAS	ST	EDDY		
			" B	ottom H	ole Location	If Different Fr	om Surface					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We	est line	County		
L	28	19 S	28 E		1650	SOUTH	10	WE	ST	EDDY		
12 Dedicated Acre	s ¹³ Joint	or Infill 14 (Consolidation	1 Code	15 Order No.							

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

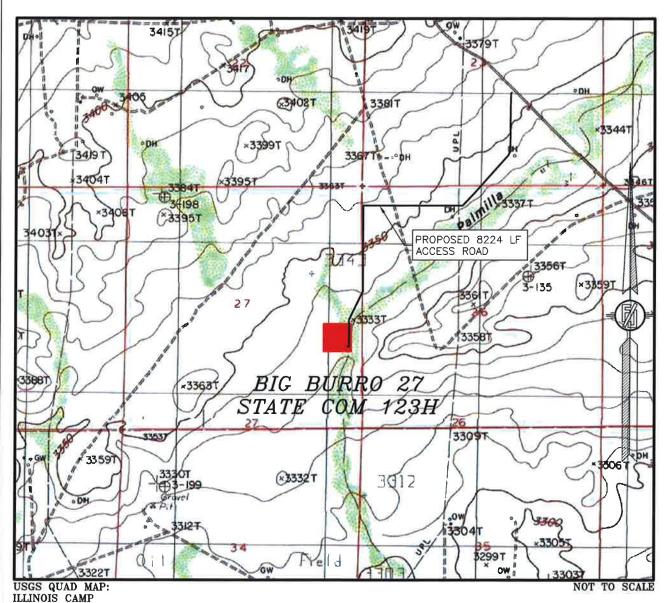


Intent		As Dril	led										
Ope	rator Nar	ne:				Prope		Well Number					
COLGATE ENERGY LLC							BIG BU		123H				
Kick C	Off Point (KOP)											
UL 	Section 27	Township 195	Feet 1970		From N/S SOUTH	Fee 52	t F	rom E/W	County EDDY				
I 27 19S 28E 1970 Latitude 32.6299376 Longing							.15751	18			NAD 83		
First T	ake Poin	t (FTP)											
UL 	Section 27	Township 195	Range 28E	Lot	Feet 1650		From N/S SOUTH	Fee 10	t F	rom E/W	County EDDY		
Latitu	^{de} 32.629	0643			Longitud		156149	4	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		NAD 83		
Last Ta	ake Point	: (LTP)											
UL L	Section 28	Township 19S	Range 28E	Lot	Feet 1650	From	N/S Fee		From E/V	V Coun			
Latitu		289074			Longitud		.189382	25		NAD	83		
s this	well the	defining we	ell for the	Horizo	ontal Spac	cing Ur	nit?						
s this	well an ir	nfill well?]								
pacin	is yes p g Unit.	lease prov	ide API if	availa	ble, Ope	rator I	Name and	d well	number	for Defi	ning well	for Horizontal	
API#													
Oper	ator Nam	ne:				Prope	rty Name	i i				Well Number	

KZ 06/29/2018







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.

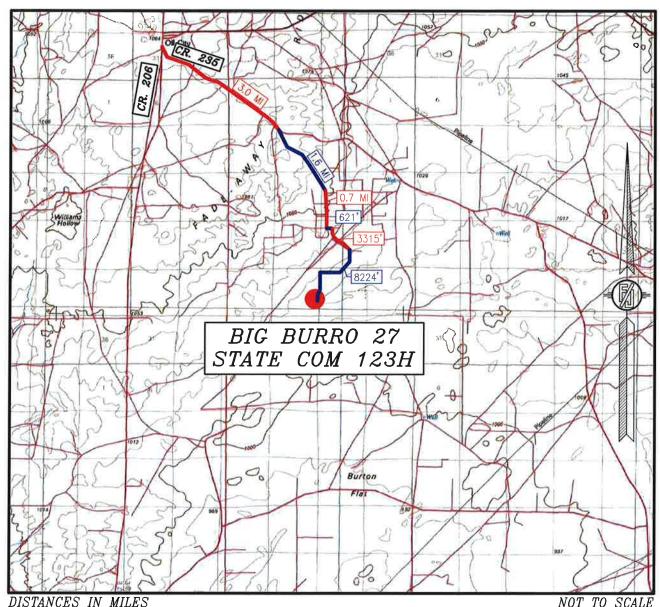
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28. 2020

SURVEY NO. 7921

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

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



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 586', THEN WEST 30' (TOTAL 8224', 1.56 MILES) TO THE SOUTHEAST PAD CORNER FOR THIS LOCATION. 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

SURVEY NO. 7921

MADRON SURVEYING, INC. 301 SOUTH CANAL 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 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,

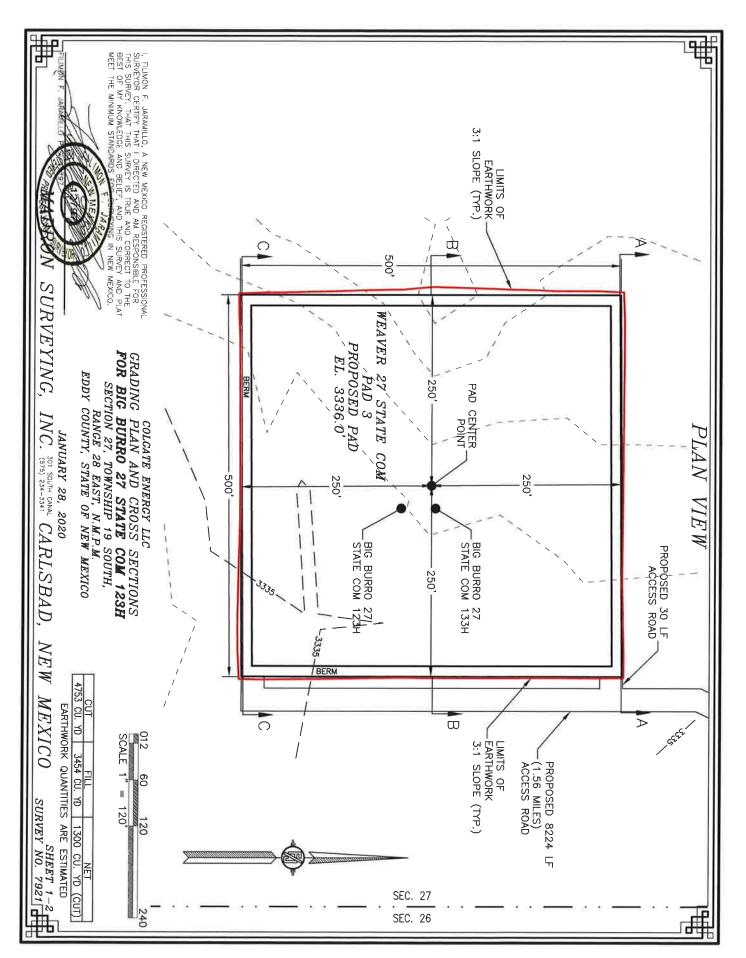
RANGE 28 EAST, N.M.P.M.

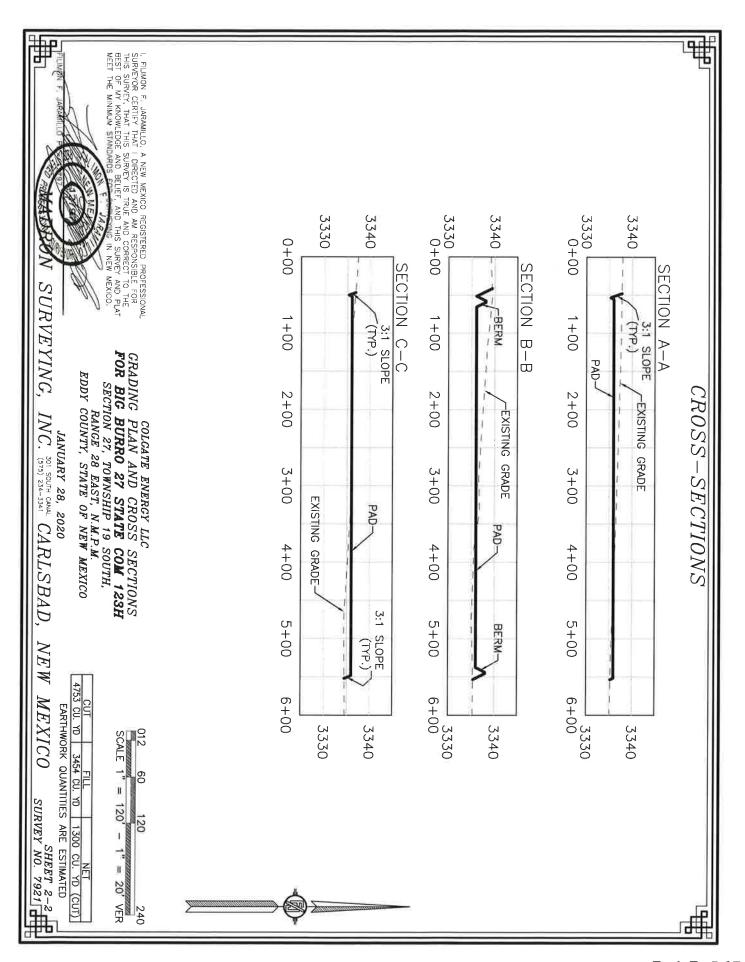
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

SURVEY NO. 7921

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

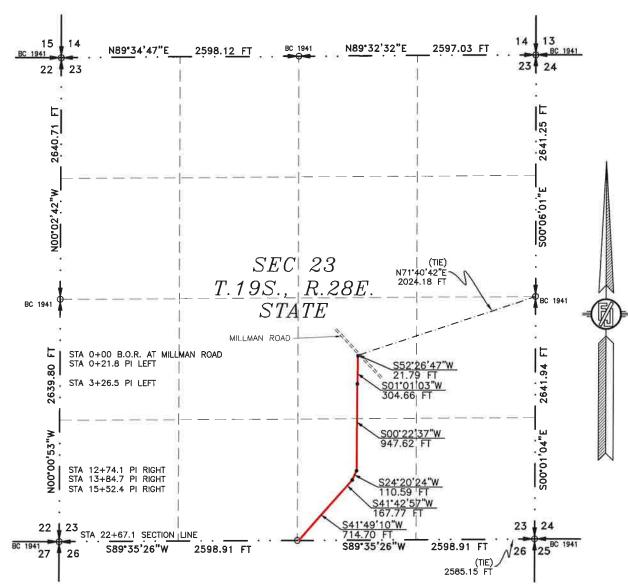




ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 3 (BIG BURRO 27 STATE COM 123H & 133H)

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. 301 SOUTH CAPALL (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,



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

SURVEY NO. 7921

NEW MEXICO

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 S41'42'57"W A DISTANCE OF 714.70 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

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 CARRY

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

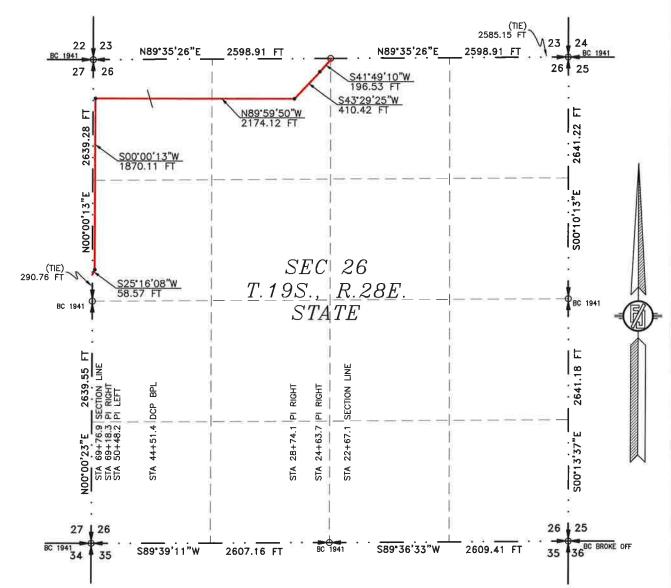
PILIMON F ARAULING DIS. 1279

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

SURVEY NO. 7921
NEW MEXICO

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 CAME. (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

A EX.5-077

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 SOO'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 30 DAY OF JANUARY 2020

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.

1.) THE INTENT OF THIS ROUTE SURVEY IS TO

SHEET: 4-6

GENERAL NOTES

ACQUIRE AN EASEMENT.

MADRON SURVEYING,

PILIMON F. NEW THE BAD, INC. 301 SOUTH CAPATE CAPATE CAPATE BAD, I

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

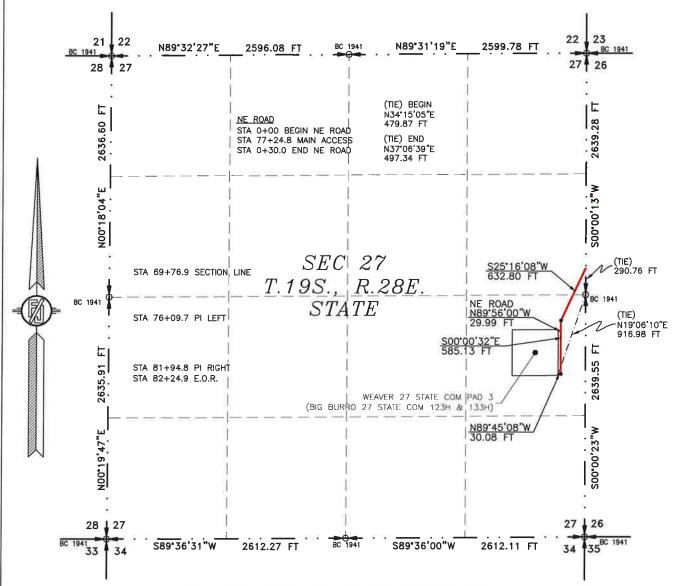
SURVEY NO. 7921 NEW MEXICO

CA EX.5 078

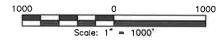
ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 3 (BIG BURRO 27 STATE COM 123H & 133H)

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 CAPA

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

NEW MEXICO

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 SOO'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

SURVEYOR CERTIFICATE

FILIMON F

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 AND (575) 234-3341

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,

BAD.

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

> > SURVEY NO. 7921

NEW MEXICO

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District [[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.

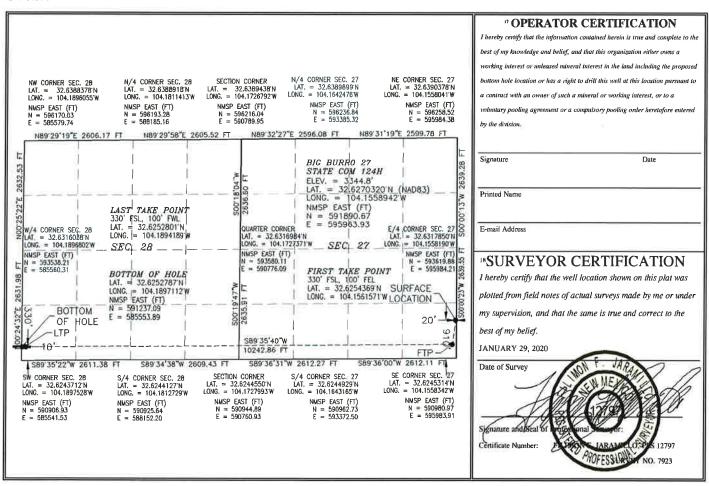
Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

☐ AMENDED REPORT

Santa Fe, NM 87505

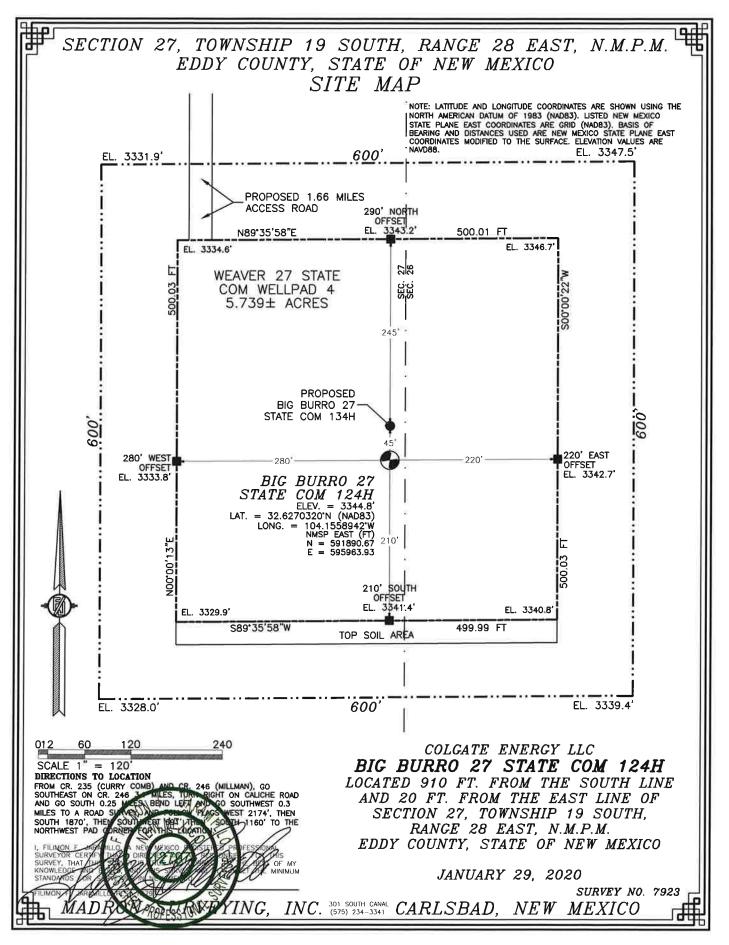
			WEL	L LO	CATIO	N AND A	ACR	REAGE DEDIC	CATION PL	AT			
',	API Number	r			² Pool Cod	de ³ Pool Name							
⁴ Property (Code					⁵ Property Name							
1						G BURRO		124H					
OGRID I					* Ope	rator l	Name			⁹ Elevation			
371449						OLGATE	EN		3344.8				
	***					™ Sui	rface	e Location					
UL or lot no.	Section	Townshi	p R	lange	Lot Idn	Feet from	the	North/South line	Feet from the	East/We	est line	County	
P	27	19 S	2	8 E		910		SOUTH	20	EAS	ST	EDDY	
				" Bo	ottom H	ole Locat	tion	If Different Fr	om Surface			~	
UL or lot no.	Section	Townshi	Township Range Lot Idn Feet from the North/South line Feet from the East/W							East/We	est line	County	
M	28	19 S	2	8 E		330 SOUTH 10 WEST							
¹² Dedicated Acres ¹³ Joint or Infill ¹⁴ Consolidation C					Code	15 Order No.							

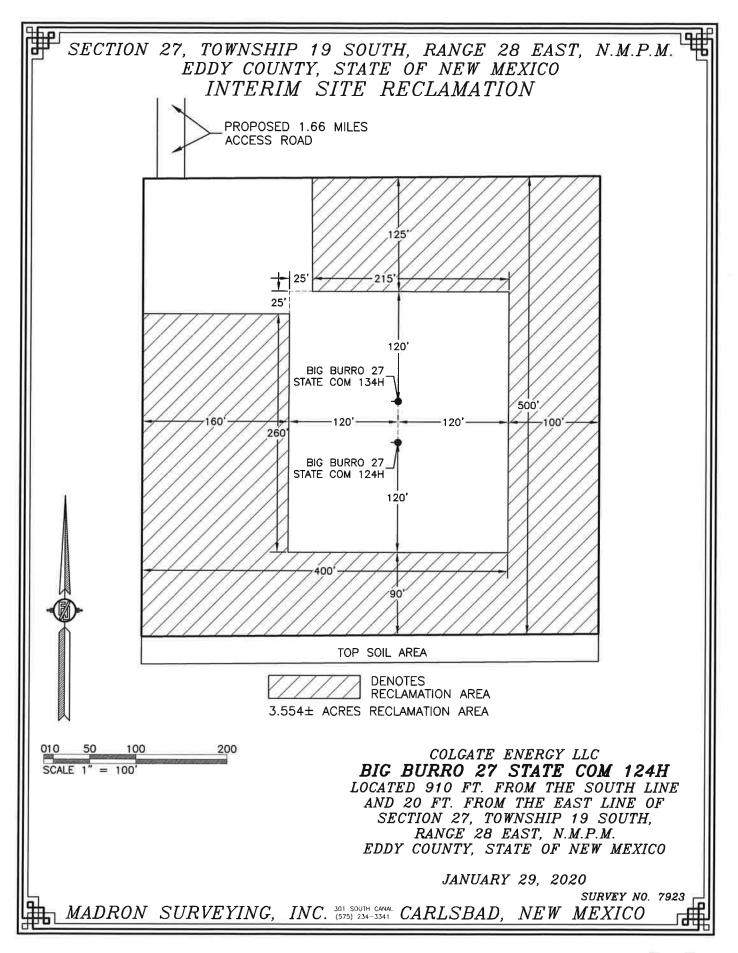
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



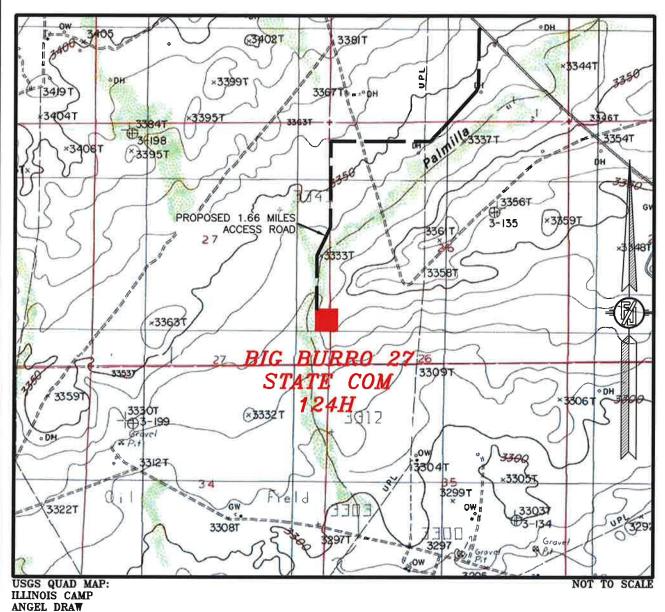
Inten	t	As Dril	led												
API#															
Operator Name: COLGATE ENERGY LLC							Property Name: BIG BURRO 27 STATE COM							Well Number	
						<u> </u>	====							1	
Kick C	Off Point	(KOP)													
UL	Section	Township	Range	Lot	Feet		From f	N/S	Feet		Fron	n E/W	County		
Latitu	ide				Longitu	ıde							NAD		
irst 1	Гаke Poin	t (FTP)			!								l i		
UL P	Section 27	Township	Range 28E	Lot	Feet 330		From N		Feet		From	rom E/W County			
Latitu	ide 325436				Longitu 104.1								NAD 83		
ast T	ake Point	t (LTP)	Range	Lot	Feet	Ero	m N/S	Feet		From	E/\A/	Count			
М	28	19S	28E	Lot	330	so	UTH	100		WES		EDD			
Latitu 32.6	ide 825280	1			104.1		189					NAD 83			
		defining w nfill well?	ell for the	e Horiz	ontal Sp	pacinį	g Unit?]					
	l is yes pl ng Unit.	ease provi	de API if a	availab	le, Oper	ator	Name a	and w	ell n	umber	for [Definir	ng well fo	r Horizontal	
Oper	ator Nan	ne:				Prop	erty N	ame:						Well Number	

KZ 06/29/2018









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.

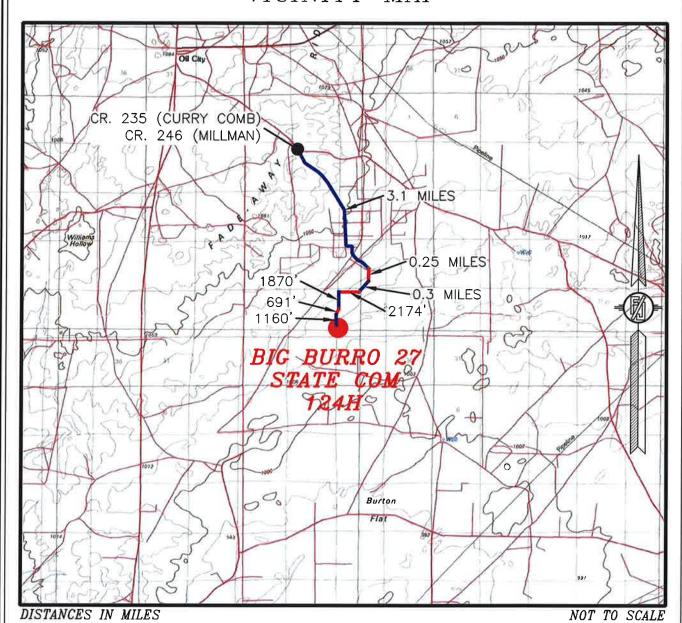
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

SURVEY NO. 7923

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

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



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

SURVEY NO. 7923

MADRON SURVEYING, INC. 301 SOUTH CANAL 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 124H

LOCATED 910 FT. FROM THE SOUTH LINE

AND 20 FT. FROM THE EAST LINE OF

SECTION 27, TOWNSHIP 19 SOUTH,

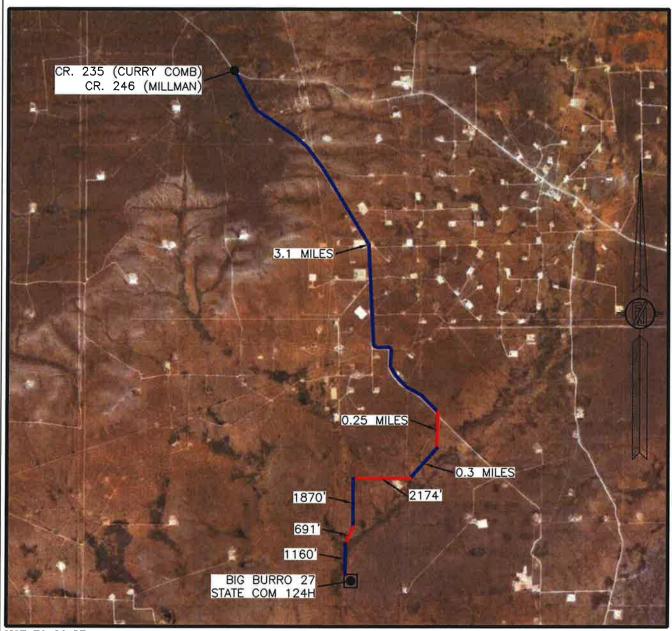
RANGE 28 EAST, N.M.P.M.

EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

SURVEY NO. 7923
MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO

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

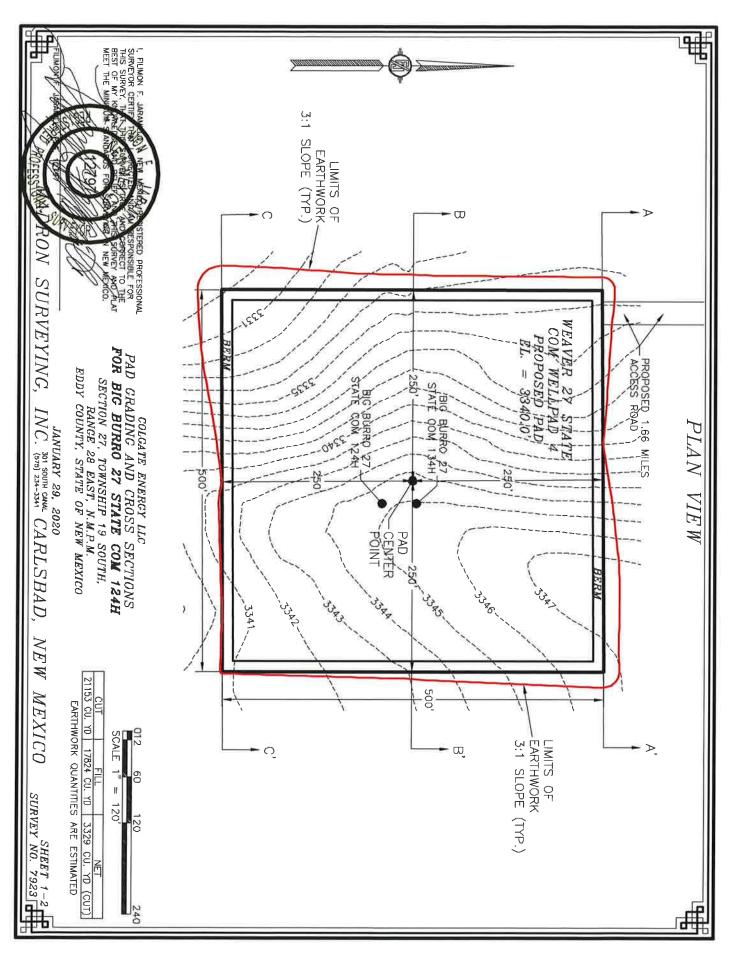
SECTION 27, TOWNSHIP 19 SOUTH,

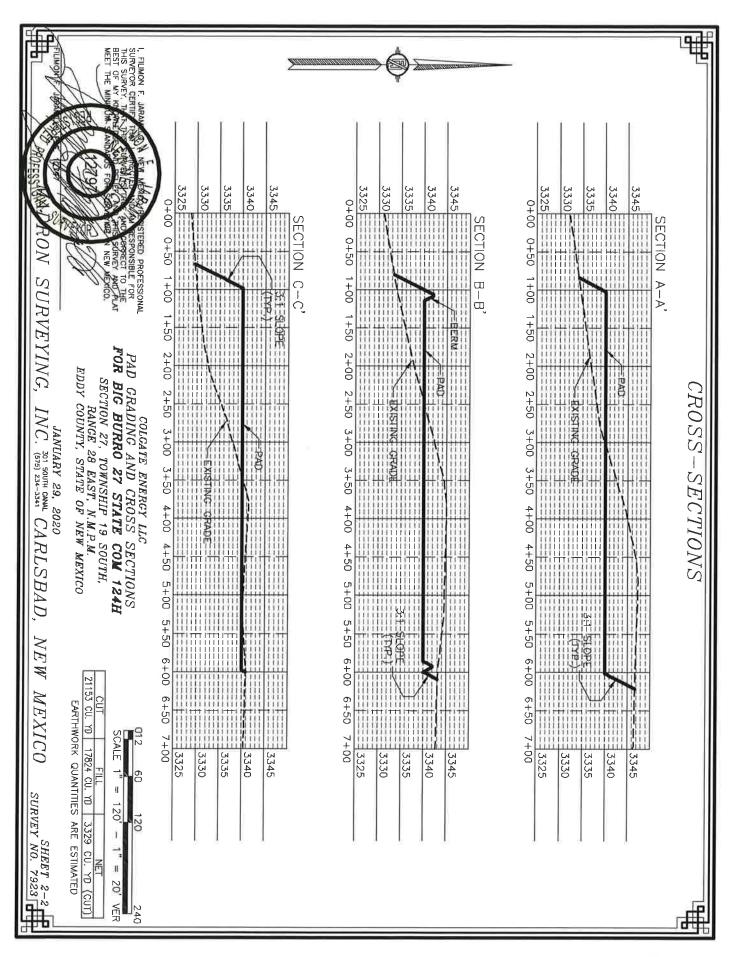
RANGE 28 EAST, N.M.P.M.

EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

SURVEY NO. 7923
MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO

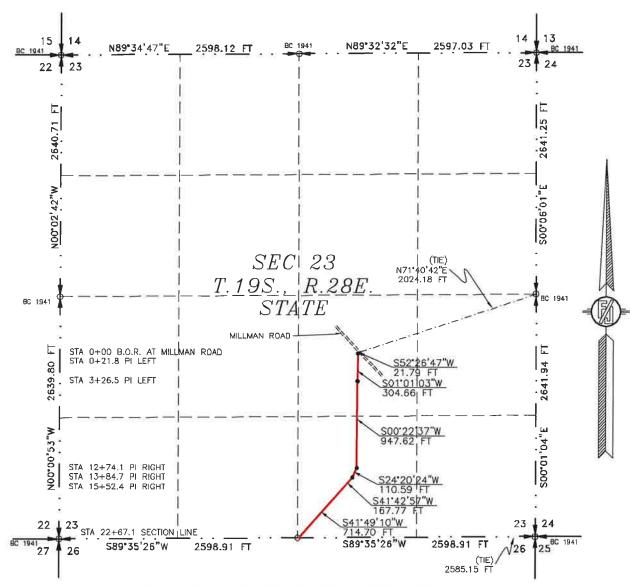




ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 4 (BIG BURRO 27 STATE COM 124H & 134H)

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.

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.

NEW MIRROR LICEN ME 2010 OF ANNARY 2020

MADRON SURVEYING, INC.

301 SOUTH CANAL

CARLED NEW MEXICO. BEE

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

SURVEY NO. 7923 NEW MEXICO ==

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 DF 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 FFFT.

THENCE \$52*26'47"W A DISTANCE OF 21.79 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE \$00*10'33"W A DISTANCE OF 304.66 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE \$00*02'37"W A DISTANCE OF 947.62 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE \$24*20'24"W A DISTANCE OF 110.59 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE \$41*42'57"W A DISTANCE OF 167.77 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE \$41*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

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

ALLOCATED BY FORTIES AS FOLLOWS:

SURVEYOR CERTIFICATE

NEW I

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 S (575)

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. THE TATE OF NEW MEXICO.

CERTIFICATE IS EXECUTED AT CARLSBAD,
DE ANNARY 2020

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO 8822D Phone (575) 234-3341

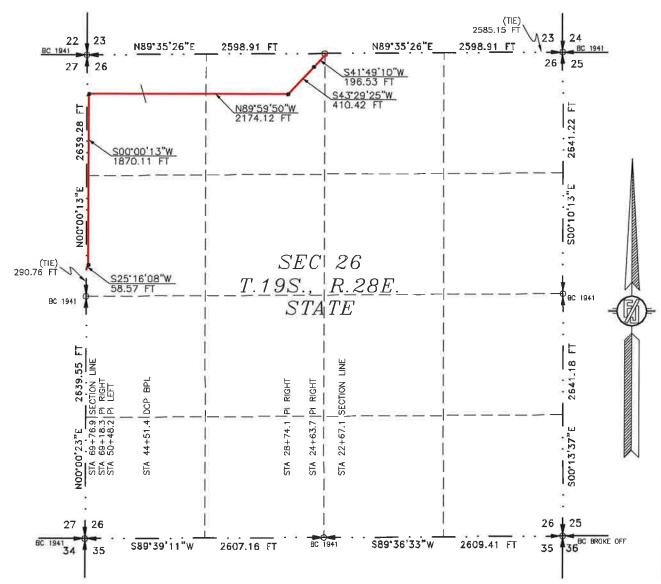
SURVEY NO. 7923

AD, NEW MEXICO

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 5 (575)

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.

NEW MINION THEN ME AND OF ANNARY 2020

NEW MINION THEN ME AND OF ANNARY 2020

MADRON SURVEYING, INC.

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

SURVEY NO. 7923

NEW MEXICO

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

NEW A

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. (575)

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 THE TATE OF NEW MEXICO.

SERTIFICATE IS EXECUTED AT CARLSBAD,

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

SURVEY NO. 7923

AD, NEW MEXICO

X./\ LX.6 09

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 23 22 21 22 BC 1941 N89°31'19"E 2599.78 FT N89°32'27"E 2596.08 FT BC 1941 26 28 ଥା SEC 27 V 290,76 FT 5'16'08"W STA 69+76.9 SECTION, LINE T.19S., R.28E. BC 1941 BC 1941 STATESTA 76+09.7 PI LEFT 2639.55 WEAVER 27 STATE STA 87+69.6 E.O.R. COM PAD 4 (BIG BURRO 27 STATE COM 124H & 134H) (TIE) S12*40'56"É 1228.12 FT S89*36'00"W BC 1941 S89*36'31"W 2612.27 FT 2612.11 FT SEE NEXT SHEET (6-6) FOR DESCRIPTION SURVEYOR CERTIFICATE Scale: 1" = 1000 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 GENERAL NOTES 1.) THE INTENT OF THIS ROUTE SURVEY IS TO BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING ATE OF NEW MEXICO. ACQUIRE AN EASEMENT. ERTIFICATE IS EXECUTED AT CARLSBAD. 2.) BASIS OF BEARING AND DISTANCE IS NMSP ANUARY 2020 NEW I EAST (NAD83) MODIFIED TO SURFACE MADRON SURVEYING, INC. COORDINATES. NAD 83 (FEET) AND NAVD 88 301 SOUTH CANAL (FEET) COORDINATE SYSTEMS USED IN THE CARLSBAD, NEW MEXICO 88220 SURVÉY. Phone (575) 234-3341 SHEET: 5-6SURVEY NO. 7923

MADRON SURVEYING, INC. 301 S

NEW MEXICO

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 SOO'00'13"W, A DISTANCE OF 290.76 FEET;

THENCE \$25°16'08"W A DISTANCE OF 632.80 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE \$00'00'32"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 \$12"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

NEW N

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 S

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.

THE CERTIFICATE IS EXECUTED AT CARLSBAD.

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

SURVEY NO. 792

AD, NEW MEXICO

District J 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

12 Dedicated Acres

¹³ Joint or Infill

14 Consolidation Code

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

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

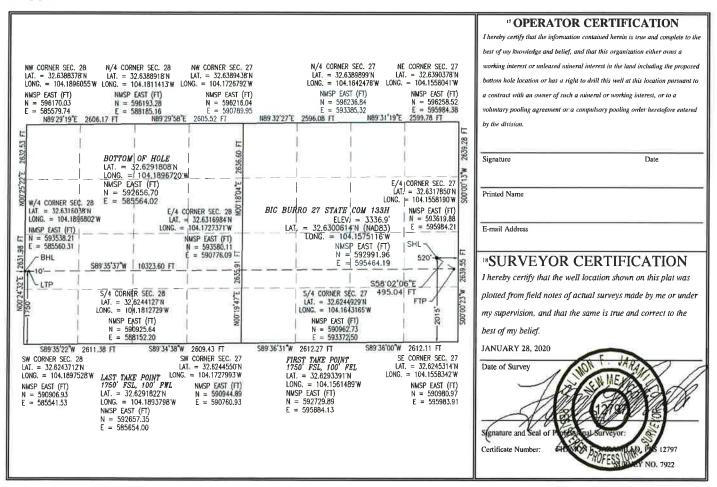
■ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 1	API Number			² Pool Code	e		³ Pool Na	me		
⁴ Property (Code		-		⁵ Property	Name			6	Well Number
				BIG	G BURRO 27 S	STATE COM				133H
OGRID I	No.				8 Operator	Name				⁹ Elevation
37144	9			C	OLGATE EN	ERGY LLC				3336.9
					" Surface	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We	est line	County
I	27	19 S	28 E		2015	SOUTH	520	EAS	ST	EDDY
			" B	ottom Ho	ole Location	If Different Fr	om Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We	est line	County
L	28	19 S	28 E		1750	SOUTH	10	WE	ST	EDDY

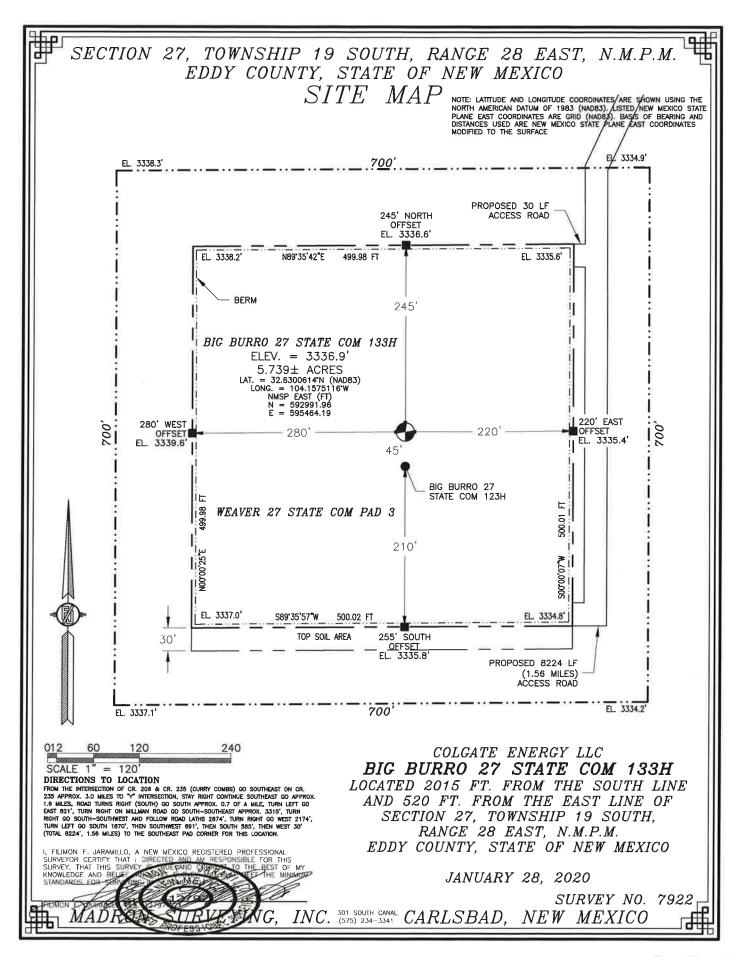
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

15 Order No.

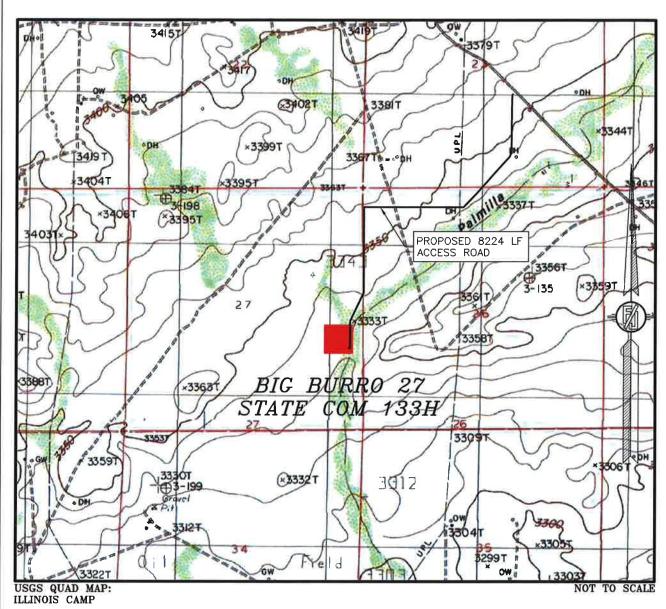


Ope	rator Nar	ne:				Property N	Name:				Well Nu	ımbeı
CO	LGATE E	NERGY LLO	:			BIG	BUR	RO 27	STATE C	ОМ	133	Н
ick (Off Point (КОР)										
UL İ	Section 27	Township 19S	Range 28E	Lot	Feet 2015	From I		Feet 520	From	n E/W ST	County EDDY	
Latitu		00614			Longitue	104.15	7511	.6	***		NAD 83	
rst 7	Take Poin	t (FTP)										
UL 	Section 27	Township 195	Range 28E	Lot	Feet 1750	From I	N/S TH	Feet 100	Fror EA	n E/W ST	County EDDY	
atitu	^{ide} 32.629	3391			Longitud	de 104.156	1489)			NAD 83	
ıst T	ake Point	(LTP)										
JL		Township 19S	Range 28E	Lot	Feet 1750	From N/S SOUTH	Feet 100		From E/W WEST	Count EDD	y.	
JL -	Section 28	Township		Lot		From N/S SOUTH	100)	From E/W WEST		y.	
JL - .atitu	Section 28	Township 19S	28Ē		Longitud	From N/S SOUTH de 104.189	100)	From E/W WEST	EDD	y Y	
JL - atitu	Section 28	Township 19S 291822 defining we	28Ē		Longitud	From N/S SOUTH de 104.189	100)	From E/W WEST	EDD	y Y	
JL Latitu this	Section 28 32.62 well the well an in	Township 19S 291822 defining we	28Ē	Horizo	Longitud	From N/S SOUTH de 104.189	9379	8	WEST	NAD	y Y	ontal
JL - atitu this	Section 28 32.62 well the well an in	Township 19S 291822 defining we	28Ē	Horizo	Longitud	From N/S SOUTH de 104.189	9379	8	WEST	NAD	γ̈́ 83	ontal

KZ 06/29/2018



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

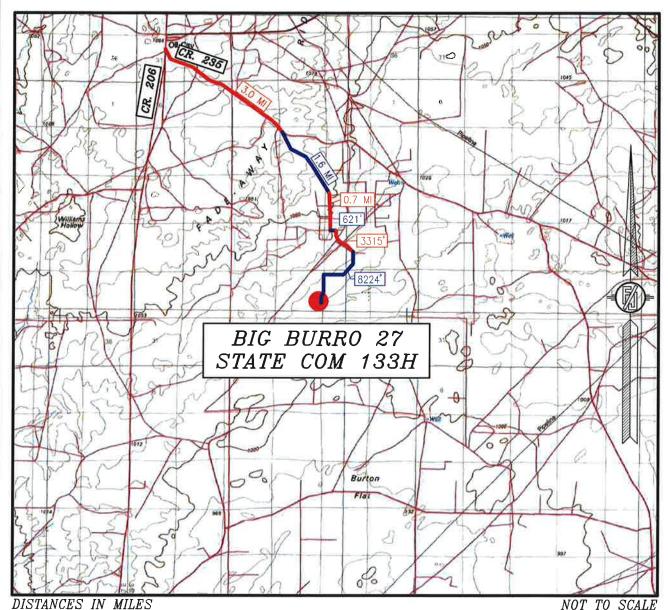


COLGATE ENERGY LLC
BIG BURRO 27 STATE COM 133H
LOCATED 2015 FT. FROM THE SOUTH LINE
AND 520 FT. FROM THE EAST LINE OF
SECTION 27, TOWNSHIP 19 SOUTH,
RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

SURVEY NO. 7922

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



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

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

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

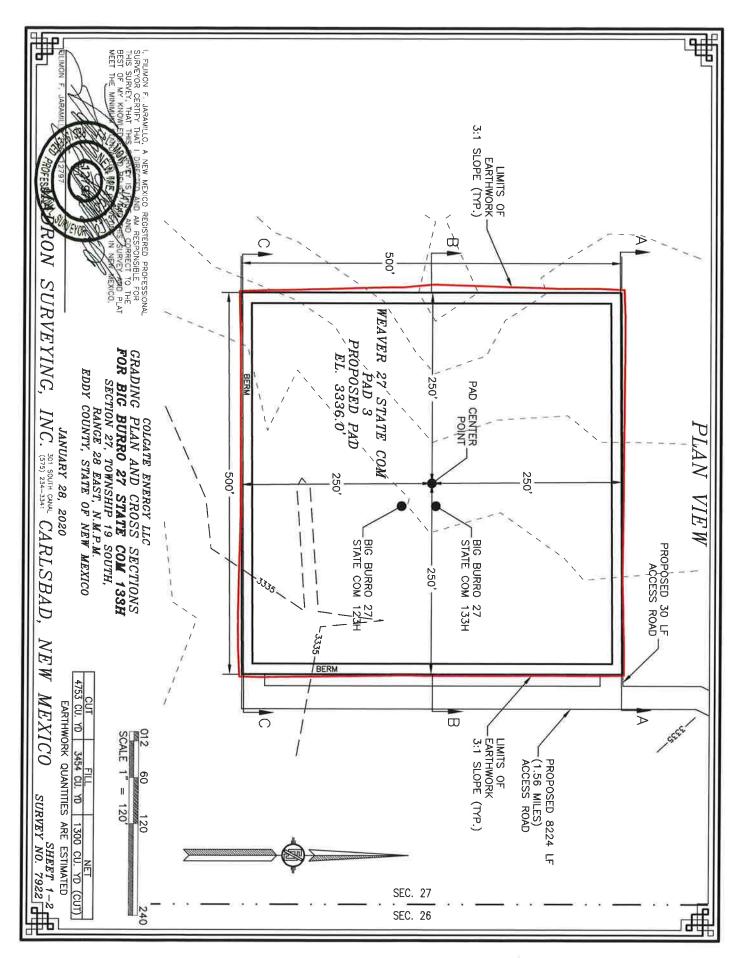
COLGATE ENERGY LLC

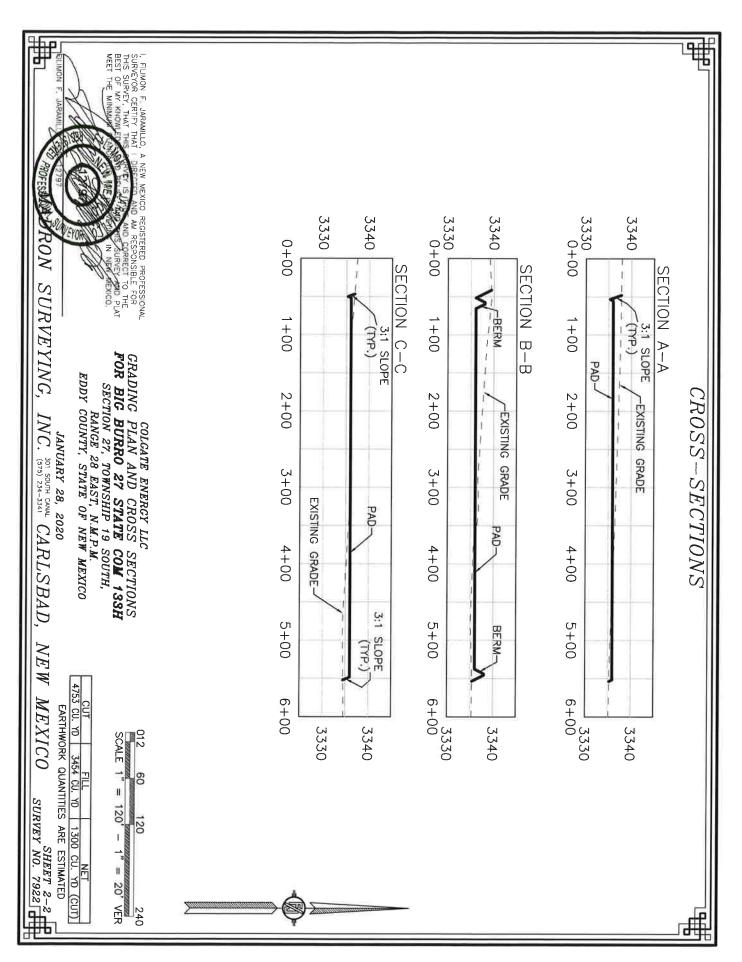
BIG BURRO 27 STATE COM 133H

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

SURVEY NO. 7922 MADRON SURVEYING, INC. (575) 234-3341 CARLSBAD, NEW MEXICO

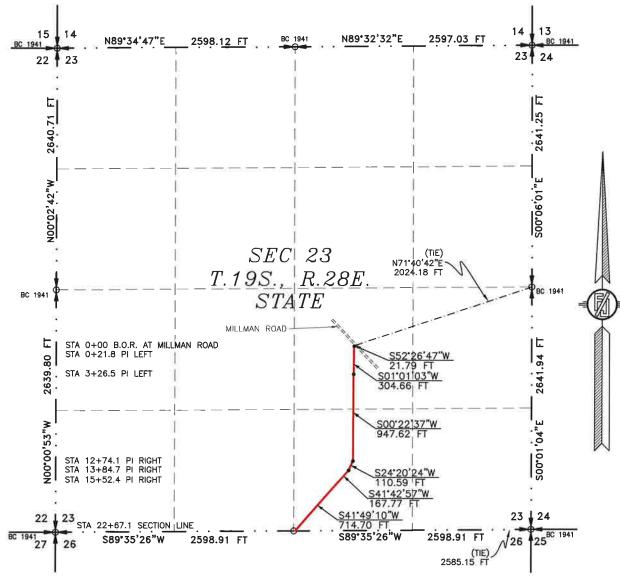




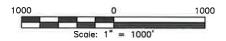
ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 3 (BIG BURRO 27 STATE COM 123H & 133H)

COLGATE ENERGY LLC EDDY COUNTY, STATE OF NEW MEXICO

CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING SECTION 23, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. 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 SURVÉY.

SHEET: 1−6

MADRON SURVEYING, INC. 301 SOUTH CANA

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,



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

SURVEY NO. 7922

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 \$52*26'47"W A DISTANCE OF 21.79 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE \$01*01'03"W A DISTANCE OF 304.66 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE \$00*22'37"W A DISTANCE OF 947.62 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE \$24*20'24"W A DISTANCE OF 110.59 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE \$41*42'57"W A DISTANCE OF 167.77 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE \$41*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,

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

GENERAL NOTES

ACQUIRE AN EASEMENT.

MADRON SURVEYING, INC. 301 SOUTH CANA

1.) THE INTENT OF THIS ROUTE SURVEY IS TO

NEW MEXICO, THIS 20 OF JANUARY 2020

ME

FILIMON F. PROPUELO PLS 32797

7. 301 SOUTH CANA 341

1. (575) 234–3341

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

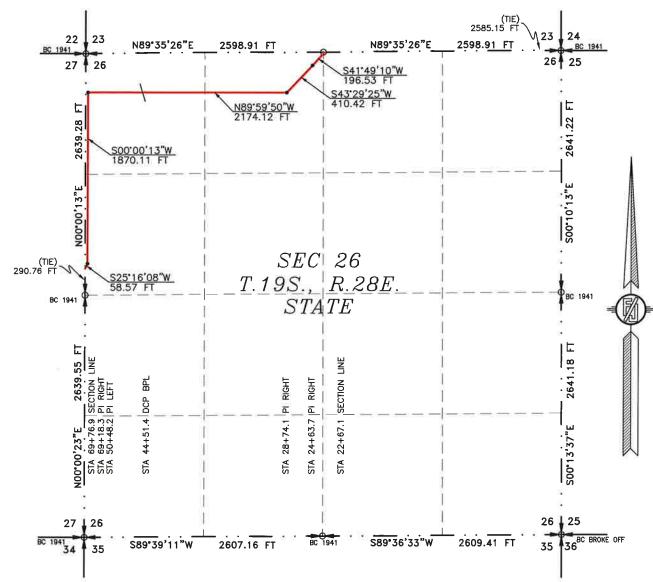
SURVEY NO. 7922 NEW MEXICO

A EX 7 107

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 CANA

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,



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

SURVEY NO. 7922

FW MFYICO

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

THENCE S41'49'10"W A DISTANCE OF 196.53 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE \$43*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 SO0°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:

20.60 L.F. 1.25 RODS 0.014 ACRES NE/4 NW/4 1485.72 L.F. NW/4 NW/4 2168.77 L.F. 90.04 RODS 1.023 ACRES 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, THI JANUARY 2020 FILIMON F INC 301 SOUTH CANA (575) 234-3341

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

NEW MEXICO

SURVEY NO.

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.

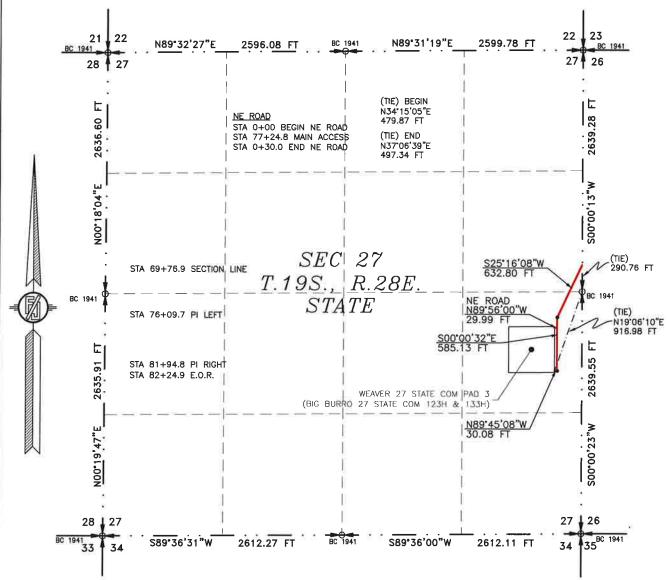
SHEET: 4-6

MADRON SURVEYING,

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 ONTO

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,



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

SURVEY NO. 7922

NEW MEXICO

ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 3 (BIC 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 SOO'00'13"W, A DISTANCE OF 290.76 FEET:

THENCE \$25'16'08"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

SURVEYOR CERTIFICATE

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 SURVÉY.

SHEET: 6-6

MADRON SURVEYING, INC. 301 SOUTH CALL

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, TH JANUARY 2020 MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO 88220 Phone (575) 234-3341 FILIMON F.

SBAD.

SURVEY NO. 7922 *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

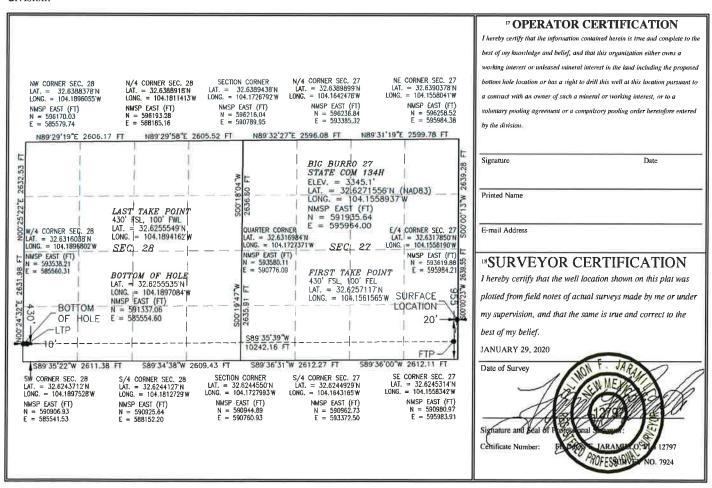
Form C-102 Revised August 1, 2011 Submit one copy to appropriate **District Office**

■ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

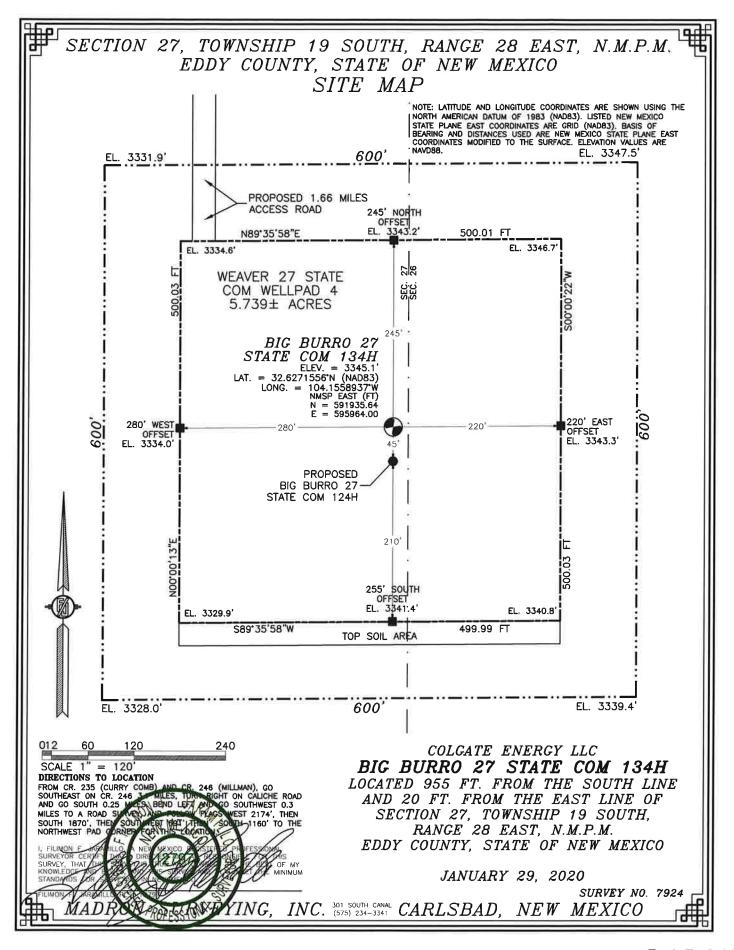
1	API Numbe	•		² Pool Code	•		³ Pool Na	me		
4 Property	Code				⁵ Property	Name			6 1	Well Number
				BIG	BURRO 27	STATE COM				134H
OGRID 1	No.				8 Operator	Name				⁹ Elevation
37144	9			C	OLGATE EN	ERGY LLC				3345.1
					Surfac	e Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We	st line	County
P	27	19 S	28 E		955	SOUTH	20	EAS	ST	EDDY
			" B	ottom H	ole Location	If Different Fr	om Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We	st line	County
M	28	19 S	28 E	_	430	SOUTH	10	WE	ST	EDDY
12 Dedicated Acre	s ¹³ Joint	or Infill 14 (Consolidation	1 Code			15 Order No.			

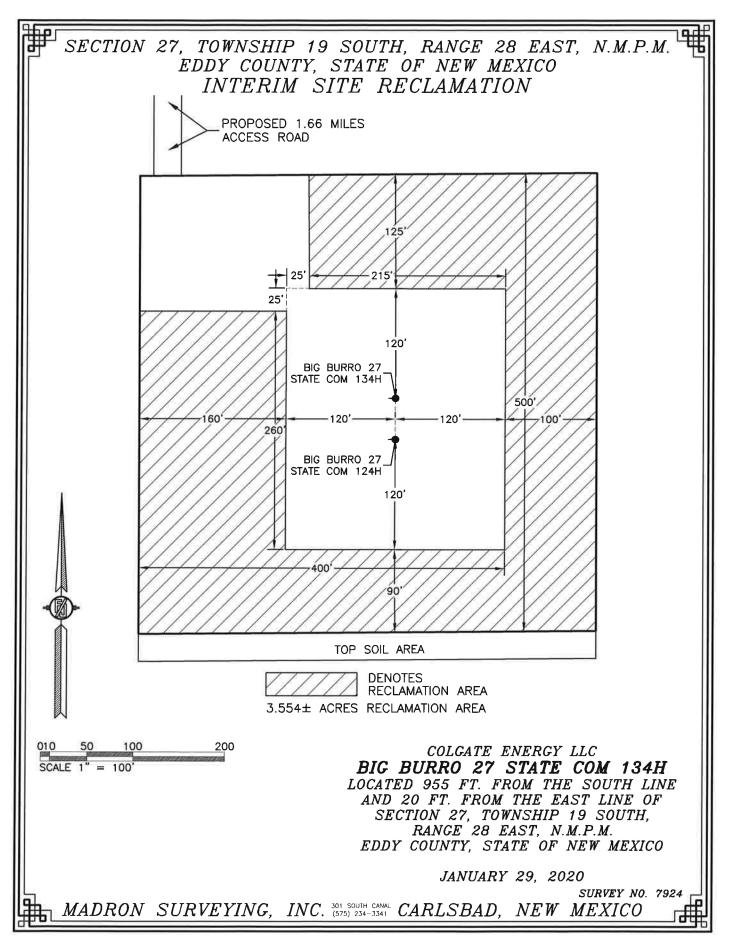
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



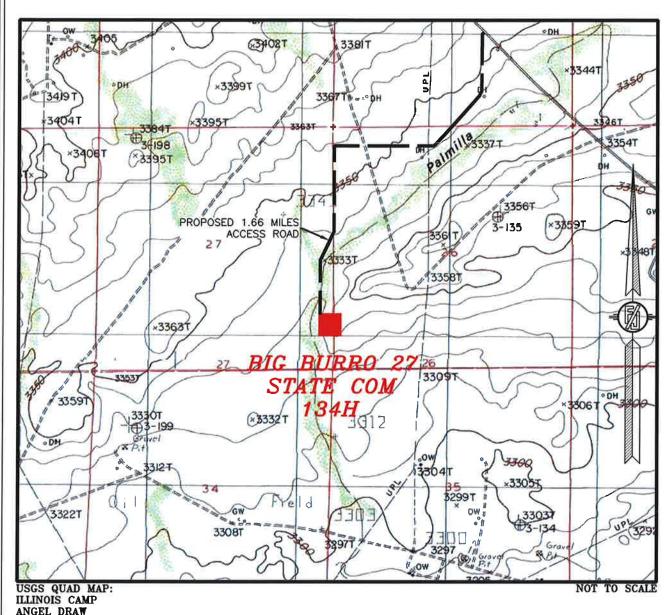
Inten	t	As Dri	lled											
API#	ŧ													
	rator Na LGATE	me: ENERG	Y LLC			1	perty N			TATE	E CC)M		Well Number
Kick (Off Point	(KOP)												
UL	Section	Township	Range	Lot	Feet		From 1	N/S	Feet		Fror	n E/W	County	
Latitu	ude				Longitu	ıde							NAD	
	Take Poir								Y:					
UL P	Section 27	Township 19S	Range 28E	Lot	Feet 430		From I		Feet 100		Fron EAS	n E/W ST	County EDDY	
32.6	ode 325711	7			Longitu 104.1		1565						NAD 83	
Last T	ake Poin	t (LTP)												
UL M	Section 28	Township 19S	Range 28E	Lot	Feet 430		m N/S UTH	Feet 100		From WES		Count	•	
Latitu 32.6	ide 325554	9		•	Longitu 104.1		1162					NAD 83		
s this	well the	defining v	vell for the	e Horiz	ontal Sp	oacin	g Unit?]	- 11			
s this	well an i	infill well?	[]									
	l is yes pl ng Unit.	ease provi	de API if a	ıvailab	le, Oper	ator	Name	and w	/ell ni	umber	for [Definir	ng well fo	r Horizontal
API#														
Oper	rator Nar	ne:		_		Prop	perty N	ame:						Well Number

KZ 06/29/2018





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



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,

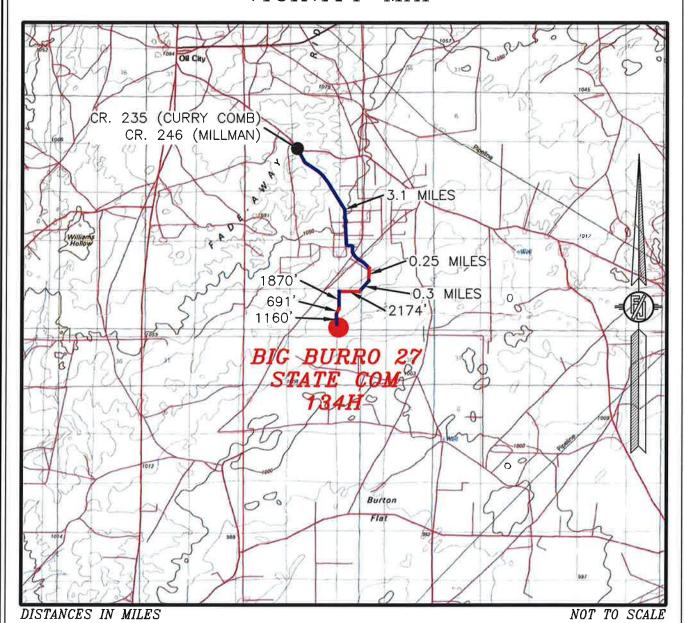
RANGE 28 EAST, N.M.P.M.

EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

SURVEY NO. 7924

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



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 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,

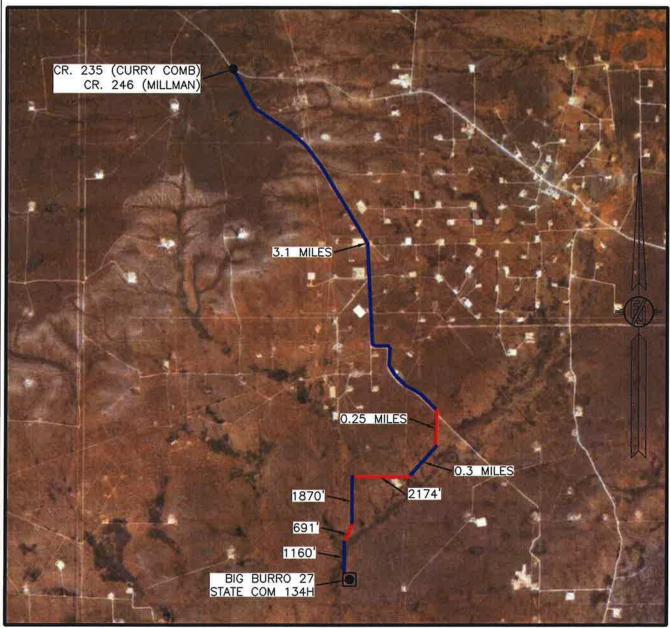
RANGE 28 EAST, N.M.P.M.

EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

SURVEY NO. 7924

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

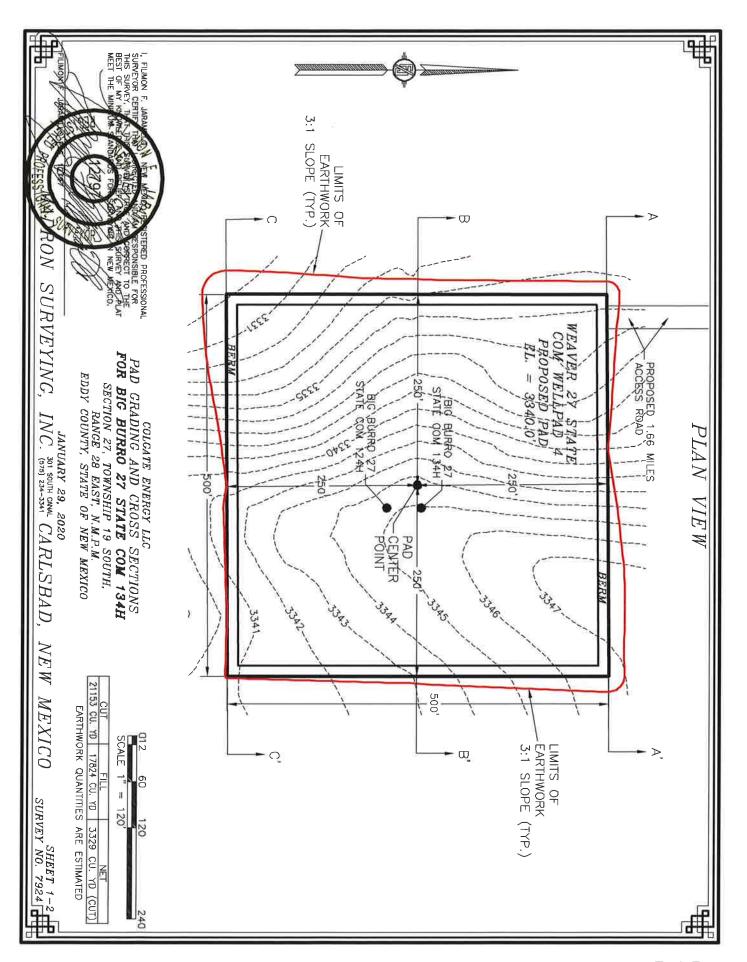
SECTION 27, TOWNSHIP 19 SOUTH,

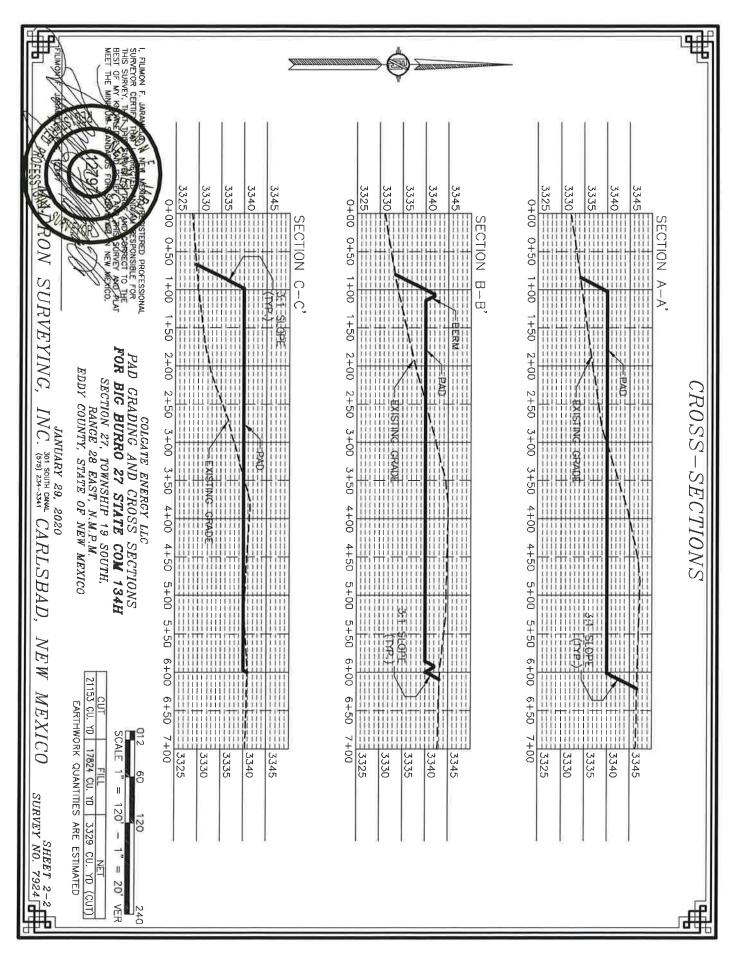
RANGE 28 EAST, N.M.P.M.

EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

SURVEY NO. 7924

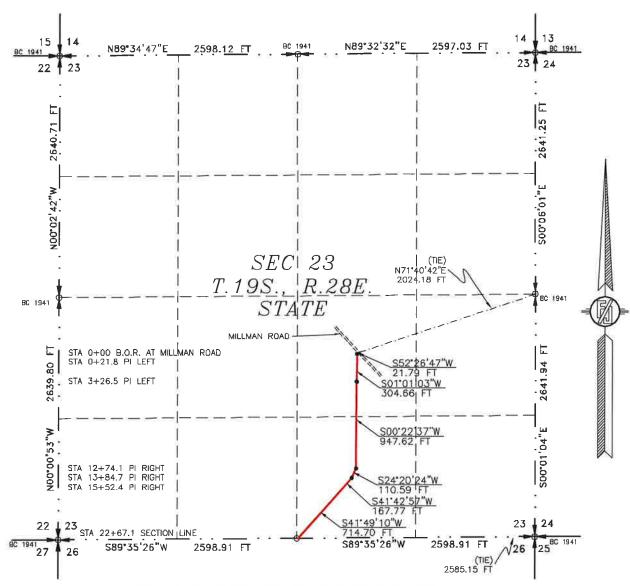




ACCESS ROAD TO THE WEAVER 27 STATE COM PAD 4 (BIG BURRO 27 STATE COM 124H & 134H)

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 SURVÉY.

SHEET: 1−6

MADRON SURVEYING, INC. (575)

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 IT THE STATE OF NEW MEXICO.

RTIFICATE IS EXECUTED AT CARLSBAD, NUARY 2020 NEW / MADRON SURVEYING, INC.

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

SURVEY NO. 792

NEW MEXICO

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 \$52*26'47"W A DISTANCE OF 21.79 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE \$01*01'03"W A DISTANCE OF 304.66 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE \$00*22'37"W A DISTANCE OF 947.62 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE \$24*20'24"W A DISTANCE OF 110.59 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE \$41*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

NEW N

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 SOL

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. THE TATE OF NEW MEXICO.

CERTIFICATE IS EXECUTED AT CARLSBAD.

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

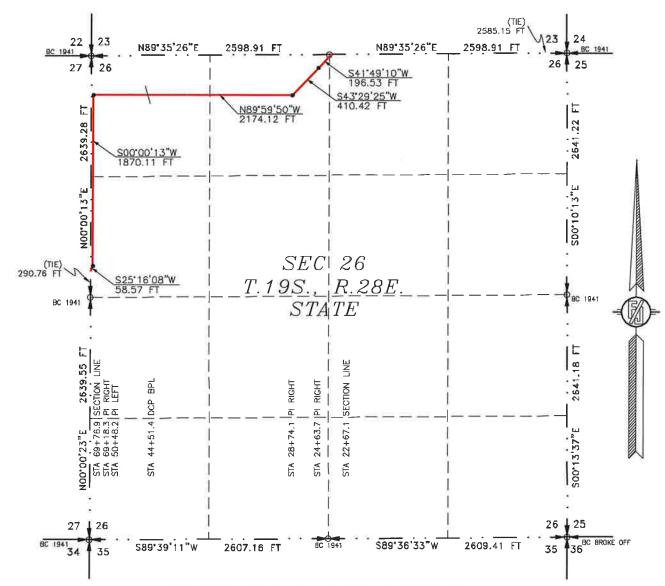
SURVEY NO. 7924

SAD, NEW MEXICO

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

NEW N



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 5 (575)

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 STANDAROS FOR LAND SURVEYING.

IN WARSS WEEK THE ERTHEICATE IS EXECUTED AT CARLSBAD,

MELLON OF TANKARY 2020

MADRON SURVEYING, INC.

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

SURVEY NO. 7924

NEW MEXICO

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

NEW N

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

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.

CERTIFICATE IS EXECUTED AT CARLSBAD,

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

SURVEY NO. 792

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 22 23 21 22 BC 1941 N89°32'27"E N89°31'19"E 2599.78 FT 2596.08 FT BC 1941 BC 1941 26 28 F 9 S00*00'13"W NO0"18"04 SEC 27 √(TIE) √290,76 FT S25'16'08"W 632.80 FT STA 69+76.9 SECTION LINE T.19S., R.28E. BC 1941 BC 1941 STATESTA 76+09.7 PI LEFT 2639. WEAVER 27 STATE STA 87+69.6 E.O.R. (BIG BURRO 27 STATE 23 COM 124H & 134H) 8 S12'40'56"É 1228.12 FT L 26 S89*36'00"W BC 1941 589*36'31"W 2612.27 FT 2612.11 FT SEE NEXT SHEET (6-6) FOR DESCRIPTION 1000 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 GENERAL NOTES 1.) THE INTENT OF THIS ROUTE SURVEY IS TO LAND SURVEYING ATE OF NEW MEXICO. ACQUIRE AN EASEMENT. ERTIFICATE IS EXECUTED AT CARLSBAD, 2.) BASIS OF BEARING AND DISTANCE IS NMSP ANUARY 2020 NEW M EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 MADRON SURVEYING, INC. 301 SOUTH CANAL (FEET) COORDINATE SYSTEMS USED IN THE CARLSBAD, NEW MEXICO 88220 SURVÉY. Phone (575) 234-3341 SHEET: 5-6SURVEY NO. 7924 MADRON SURVEYING, INC. 301 S *NEW MEXICO*

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 SOO'00'13"W, A DISTANCE OF 290.76 FEET;

THENCE \$25'16'08"W A DISTANCE OF 632.80 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE \$00'00'32"E A DISTANCE OF 1159.90 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTHEAST CORNER OF
\$AID SECTION 27, TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS \$12"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

NEW N

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 St. (575)

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 THE TATE OF NEW MEXICO.

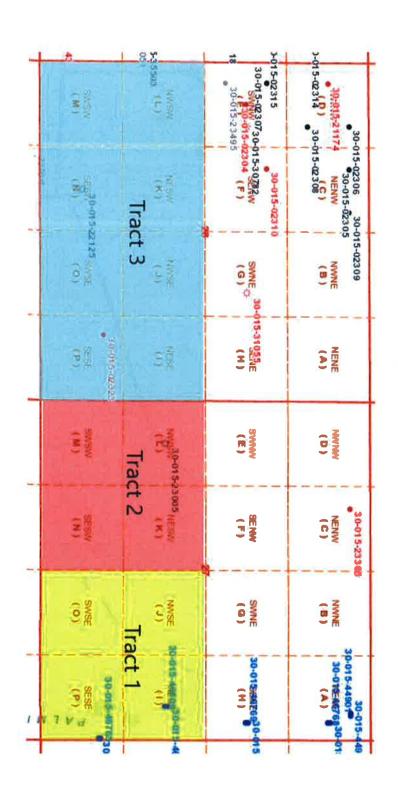
CERTIFICATE IS EXECUTED AT CARLSBAD,

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

SURVEY NO. 79

SAD, NEW MEXICO

1 03	0.2170	1.5177		77787X 7717 1110
Vac	0.21%	1 3144	_	Ellen Bivins
Yes	0.21%	1.3144		Dale Smith
Yes	1.13%	7.22	3	Warwick-Artemis
Yes	0.06%	0.4	2	Nightengale Petroleum Properties
No	1.40%	8.977	1, 2	RSC Resources
Yes	3.13%	20	2	Crown Oil Partners / Crump Energy Partners
Yes	1.00%	6.4	ω	WPX
Yes	3.21%	20.5556	2	Glenrock Capital, LLC
Yes	5.94%	38	2	Fasken Acquisitions 02, Ltd
Yes	12.50%	80	ω	Apache/ZPZ
No	3.13%	20	ω	Vladin
Yes	26.00%	166.4	ω	Oxy USA
No	5.21%	33.32	2,3	CM Resources, LLC
Operator	36.89%	236.1	1, 2, 3	Colgare Production, LLC
FORCE POOL INTEREST	IM	NET	TRACT	WI OWNER (Big Burro)





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

Jimmy W. Davis, Jr. Oil and Gas Operations

and General Counsel

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.





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: 2nd 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: 2nd 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: 3rd 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: 3rd 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.

Sincerely,

Maxily dia

Mark Hajdik Senior Landman

MH Enclosures

Well Elections

	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.

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

		303 W. Wall St. , M Phone (432) 695-4257			
	ESTIMATE	OF COSTS AND AUTH	ORIZATION FOR EXPEND	ITURE	
DATE:	10/29/2019			AFE NO.:	0
WELL NAME:	Big Burro 27 State Com	123H		FIELD:	0
LOCATION:	NM			MD/TVD:	17249 / 7495
COUNTY/STATE:	Eddy			LATERAL LENGTH:	9.427
· ·	Eddy				
Colgate WI:				DRILLING DAYS:	30
GEOLOGIC TARGET:	2nd Bone Spring		,	COMPLETION DAYS:	17
REMARKS:	Drill and Complete 63 s	tages in the 2nd Bone S	Spring formation, AFE inc	cludes D&C, flowback &	initial ESP install
		DRILLING	COMPLETION	PRODUCTION	TOTAL
INTANGIBL	ECOSTS	COSTS	COSTS	COSTS	COSTS
Land/Legal/Regulatory		\$ 35,000	5	5	\$ 35,000
2 Location, Surveys & Dam 4 Freight / Transportation	ages	220,000	13,000	4,000	237,000 78,250
5 Rental - Surface Equipme	ent.	25,000 106,863	207,600	12,000	326,463
Rental - Downhole Equip		129,831	50,000	12,000	179,831
Rental - Living Quarters	areas.	58,788	44,900	10,000	113,688
10 Directional Drilling, Sur	vevs	294,300	*******	11000	294,300
11 Drilling	1	837,370	-	-	837,370
12 Dritt Bits		106,000	V	·	106,000
13 Fuel & Power		173,250	472,500	-	645,750
14 Cementing & Float Equi	P	180,000			180,000
16 Perforating, Wireline, S1	ickline		459,100	20,000	479,100
17 High Pressure Pump Tru	ick	- 4	10,000	-	10,000
18 Completion Unit, Swab,			70,000	16,500	86,500
20 Mud Circulation System		90,005		2	90,005
21 Mud Logging		24,190			24,190
22 Logging/Formation Eva	luation	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 &			143,000		1-13,000
28 Mud / Wastewater Dispo		104,375	221,000		325,375
30 Rig Supervision / Engine 32 Drig & Completion Over		132,900	84,800	8,000	225,700
35 Labor	neau	141,000	12,500	10,000	11,250
95 Insurance		31,048	12,300	33,000	31,048
97 Contingency		301,959	413,799	8,050	723,809
99 Plugging & Abandonme	nt				120,007
	TOTAL INTANGIBLES	3,321,551	5,591,293	88,550	9,001,394
TANGIBLE	COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL
0 Surface Casing		15,034	5	3	5 15,034
il Intermediate Casing		89,448		1	89,418
i2 Drilling Liner			-	7	-
i3 Production Casing		280,986		11	280,986
A Production Liner			-		-
i5 Tubing		7.7		60,648	60,648
i6 Wellhead		77,000		75,000	152,000
57 Packers, Liner Hangers		26,000			26,000
8 Tanks				80,000	80,000
9 Production Vessels				125,000	125,000
0 Flow Lines					
1 Rod string					
2 Artificial Lift Equipment				95,000	95,000
'3 Compressor '4 Installation Costs				67,000	(7.000
5 Surface Pumps				67,000	67,000
6 Downhole Pumps					
7 Measurement & Meter Ir	stallation				-
'8 Gas Conditioning/Dehy					
9 Interconnecting Facility I					
O Gathering / Bulk Lines				-	
1 Valves, Dumps, Controll	216			14	
2 Tank / Facility Containm				-	
3 Flare Stack		$\overline{}$			-
4 Electrical / Grounding					-
5 Communications / SCAD	A				-
6 Instrumentation / Safety					
	TOTAL TANGIBLES >	488,468	0	502,648	991,116
	TOTAL COSTS >	3,810,019	5,591,293	591,198	9,992,510
20000000000000000000000000000000000000					
PARED BY Colgate Ener	gy:				
and the same of					
Drilling Enginee	r: Brady Adams		CRM		
Drilling Enginee Completions Enginee					
	r: Brady Adams				
Completions Enginee Production Enginee					
Completions Enginee		Co-Ci	EO	VP - Operation	ons
Completions Enginee Production Enginee ste Energy APPROVAL		Co-Cl	EO JW	VP - Operation	CRM
Completions Enginee Production Enginee ate Energy APPROVAL Co-CE	DWH		JW	VP - Operation	
Completions Enginee Production Enginee	DWH	Co-Cl VP - Geoscienc	JW	VP - Operation	
Completions Enginee Production Enginee site Energy APPROVAL	DWH		JW 'es	VP - Operation	

Title. Approvat _____Yes No (mark one)

Working Interest (%):

Date:

Tax ID:

Company Name:

Signed by:

Colgate Energy

DRILLING COMPLETE	AFE NO.:	0
COCATION: NAM	FIELD:	0
COUNTY/STATE Eddy	MD/TVD:	17269 / 7515
DRILLING COMPLETE		9,427
Drill and Complete 63 stages in the 2nd Bone Spring COMPLETION Drill and Complete 63 stages in the 2nd Bone Spring Committee DeCC	_	30
INTANGIBLE COSTS		17
INTANGIBLE COSTS		initial FSP install
INTANOIBLE COSTS		TOTAL
Lacation, Surveys & Damages 220,000 13,000 15,000	OSTS	COSTS
Freight Transportation \$3,000 \$1,550 \$1,500 \$		\$ 35,000
Rental - Surface Equipment (105,861) (207,461)	4,000	237,000
Rental - Living Quarters		78,250
Rental Living Quarters Directional Dilling, Surveys 291,000 Directional Dilling, Surveys 291,000 Directional Dilling, Surveys Struck Power A Cemeating & Float Equip 180,000 S Ford Act Power A Cemeating & Float Equip 180,000 S Ford Acting, Wireline, Slickline High Pressure Pomp Track S Completion Unit, Swab, CTU Mud Circulation System Mud Logging 24,190 Logging fromation Evaluation 15,100 Mud Circulation System Mud Struckline Struck 277,822 444,100 Mud Acting Struck Strinulation S Strinulation S Strinulation Flowback & Disp Mud Avatewater Disposal Mud Avatewater Disposal Mud Avatewater Disposal Strinulation Flowback & Disp Mud Martewater Disposal Strinulation Floation Unit, Swab, Completion Overhead 11,250 11,450	12,000	326,463 179,831
Detectional Drilling, Surveys 294,000	10,000	113,688
Drilling	10,000	294,300
2 Drill Bis		837,370
Steel & Power 17,250 472,500 472,500 4 Cementing & Float Equip 180,000 5 Perforating, Wireline, Sickline 180,000 5 Perforation System 180,0		106,000
4 Cementing & Float Equip 180,000		645,750
8 Perforating, Wirelane, Sickline 1 \$9,100 8 Completion Unit, Swab, CTU 8 Completion Unit, Swab, CTU 9 Music Circulation System 9 Mus Circulation System 1 Must Logging 1 Must Logging 2 Lugging, Formation Evaluation 1 Must Capage 2 Lugging, Formation Evaluation 3 Must & Chemicals 4 Water 2 2,5500 3 Must & Chemicals 4 Water 2 2,5500 3 Must & Chemicals 4 Water 3 5 Stimulation 6 Stimulation Rowback & Disp 6 Must / Waterwater Disposal 1 104,375 5 Stimulation 8 Must / Waterwater Disposal 1 104,375 1 221,000 8 Rig Supervision / Engineering 1 132,000 1 34,800 1 12,500 1 14,500 1 12,500 1 14,500 1 12,500 1 14,500 1 12,500 1 14,500 1 12,500 1 14,500 1 1		180,000
High Pressure Pump Track	20,000	479,100
8 Completion Unit, Swab, CTU Mud Logging Mud Logging Al, 190 Logging, Fermation Evaluation 15, 300 Mud Schemical Mud Waterwater Disposal Rig Supervision / Englineering Pulling Completion Overhead Rig Supervision / Englineering Right Rig Supervision Instrumentation / Safety TOTAL TANGIBLES / 488794 0 TOTAL COSTS / Supervision / Englineering Right R	20,000	10,000
Must	16 500	
Must Logging	16,500	86,500
2 Logging Formation Evaluation 15,500 8,000	=	90,005
3 Must & Chemicals 277,872		
### ### ### ### #### #################		23,300
Simulation		721,922
\$ Stimulation Flowback & Disp \$ Mudd/ Wastevater Disposal 0 Rig Supervision / Engineering 101,375 2 27,000 0 Rig Supervision / Engineering 112,500 112,500 3 1,000 112,500 3 1,000 112,500 5 Insurance 111,000 112,500 5 Insurance 112,500 113,104 113,105 113,104 113,105 113,104 113,105 113,104 113,105 113,104 113,105 113,104 113,105 113,104 113,105 113,104 113,105 113,104 113,105 113,105 113,104 113,105		830,244
### BMud / Wastewater Disposal 101,375 221,000 31,8		2,079,000
Daily Supervision Engineering 12,900 31,500 11,250 11,		143,000
2 Drig & Completion Overhead	-	325,375
11,000 12,500 12,500 12,500 13,000 14,000 1	8,000	225,700
Sinsurance		11,250
7 Contingency 301,983 413,799 9 Plugging & Abandonment TOTAL INTANGIBLES 3,211,810 5,591,293 TANGIBLE COSTS COSTS COSTS COSTS TANGIBLE COSTS COSTS COSTS COSTS 1 Intermediate Casing 5 15,011 5 2 Drilling Liner 3 39,418	10,000	163,500
Plugging & Abandonment	- armen	31,084
TOTAL INTANGIBLES 3,321,810 5,591,293	8,050	723,832
TANGBLE COSTS	88,550	9,001,654
Sturface Casing		TOTAL
Intermediate Casing	DSTS	COSTS
2 Drilling Liner 3 Production Casing 4 Production Liner 5 Tubing 5 Wellhead 7 Packers, Liner Hangers 5 Tanks 9 Production Vessels 10 Plow Lines 1 Rod string 2 Artificial Lift Equipment 3 Compressor 1 Installation Costs 5 Surface Pumps 6 Downhole Pumps 7 Measurement & Meter Installation 9 Canditioning / Dehydration 9 Interconnecting Facility Piping 10 Gathering Pacility Piping 10 Gathering Facility Piping 10 Gathering Facility Piping 10 Gathering Agains 10 Interconnecting Facility Containment 10 Flare Stack 11 Electrical / Grounding 12 Communications / SCADA 13 Instrumentation / Safety 1 TOTAL TANGIBLES 488,794 0 1 TOTAL COSTS 3,810,604 5,591,293 ARED BY Colgate Energy: Drilling Engineer: Rafaet Madrid Completions Engineer: Brady Adams Production Engineer: Brady Adams		\$ 15,034
3 Production Casing);	89,418
3 Production Casing		
### A Production Liner		281,312
Stubing Stub		
6 Wellhead 7,000 7 Packers, Liner Hangers 8 Tanks 9 Production Vessels 9 Production Vessels 1 Rod string 2 Artificial Lift Equipment 3 Compressor 4 Installation Costs 5 Surface Pumps 5 Downhole Pumps 7 Measurement & Meter Installation 8 Gas Conditioning / Dehydration 9 Interconnecting Pacility Piping 10 Gathering / Bulk Lines 10 Valves, Dumps, Controllers 12 Tank / Facility Containment 15 Pare Stack 15 Instrumentation / Safety 15 Instrumentation / Safety 15 Instrumentation / Safety 16 TOTAL TANGIBLES > 485,794 10 TOTAL COSTS > 3,810,604 15,591,293 ARED BY Colgate Energy: Drilling Engineer: Rafael Madrid Completions Engineer: Brady Adams Production Engineer: Brady Adams Production Engineer: Brady Adams Production Engineer: Brady Adams Production Engineer: Brady Adams 16 Co-CEO	60,648	60,648
Packers, Liner Hangers	75,000	152,000
9 Traduction Vessels 9 Production Vessels 9 Product		26,000
	80,000	80,000
	125,000	125,000
Rod string	, a secondaria.	1435000
Artificial Lift Equipment		
	.95,000	.95,000
Installation Costs Surface Pumps Downhole Pumps Measurement & Meter Installation Gas Conditioning / Dehydration Interconnecting Facility Piping Gathering / Bulk Lines Valves, Dumps, Controllers Plare Stack Electrical / Grounding Communications / SCADA Instrumentation / Safety TOTAL TANGIBLES > 488,794 TOTAL COSTS > 3,810,604 5,591,293 ARED BY Colgate Energy: Drilling Engineer: Rafael Madrid Completions Engineer: Brady Adams Production Engineer: Brady Adams Le Energy APPROVAL: Co-CEO	- Cobean	
Surface Pumps	67,000	67,000
1	507,000	57,000
		
Scan Conditioning Dehydration		
Onthering Pacility Piping		
O Cattering / Bulk Lines Valves, Dumps, Controllers		
Valves, Dumps, Controllers	-	
2 Tank / Facility Containment 5 Flare Stack Electrical Grounding 5 Communications / SCADA 5 Instrumentation / Safety TOTAL TANGIBLES > 485,794 0 TOTAL COSTS > 3,810,604 5,591,293 ARED BY Colgate Energy: Drilling Engineer: Rafael Madrid Completions Engineer: Brady Adams Production Engineer: Brady Adams Reference Brady Adams Reference Brady Adams TOTAL COSTS > 3,810,604 5,591,293		
S Flare Stack Electrical / Grounding Communications / SCADA Instrumentation / Safety TOTAL TANGIBLES > 488,794 0 TOTAL COSTS > 3,810,604 5,591,293 ARED BY Colgate Energy: Drilling Engineer: Rafaret Madrid Completions Engineer: Brady Adams Production Engineer: Brady Adams tet Energy APPROVAL: Co-CEO		
Electrical / Grounding Communications / SCADA Instrumentation / Safety TOTAL TANGIBLES > 485,794 0 TOTAL COSTS > 3,810,604 5,591,293 ARED BY Colgate Energy: Drilling Engineer: Rafael Madrid Completions Engineer: Brady Adams Production Engineer: Brady Adams Le Energy APPROVAL: Co-CEO		
TOTAL TANGIBLES > 488,794 0 TOTAL COSTS > 3,810,604 5,591,293 ARED BY Colgate Energy: Drilling Engineer: Rafael Madrid Completions Engineer: Brady Adams Production Engineer: Brady Adams te Energy APPROVAL: Co-CEO		
TOTAL TANGIBLES > 488,794 0 TOTAL COSTS > 3,810,604 5,591,293 ARED BY Colgate Energy: Drilling Engineer: Rafaet Madrid Completions Engineer: Brady Adams CRM Production Engineer: Brady Adams te Energy APPROVAL: Co-CEO CO-CEO DWH DW		*
TOTAL TANGIBLES > 485,794 0 TOTAL COSTS > 3,810,604 5,591,293 ARED BY Colgate Energy: Drilling Engineer: Rafael Madrid Completions Engineer: Brady Adams Production Engineer: Brady Adams the Energy APPROVAL: Co-CEO		
TOTAL COSTS > 3,818,604 5,591,293 ARED BY Colgate Energy: Drilling Engineer: Rafael Madrid Completions Engineer: Brady Adams Production Engineer: Brady Adams te Energy APPROVAL: Co-CEO	502 640	000 415
Drilling Engineer: Drilling Engineer: Production Engineer: Brady Adams CRM CRM Production Engineer: Brady Adams CRM CRM CRM CRM Drilling Engineer: Brady Adams CRM CRM Drilling Engineer: Dri	502,648 591,198	991,442
Drilling Engineer: Refael Madrid Completions Engineer: Brady Adams Production Engineer: Brady Adams The Energy APPROVAL: Co-CEO	591,198	9,993,095
Completions Engineer: Brady Adams CRM Production Engineer: Brady Adams te Energy APPROVAL: Co-CEO		
Completions Engineer: Production Engineer: Production Engineer: Brady Adams CRM CRM CRM CRM CRM CRM CRM Frady Adams Create Core Core Core Core Core Core Core Cor		
Production Engineer: Brady Adams Ste Energy APPROVAL: Co-CEO Co-CEO JW		
Co-CEO Co-CEO JW		
Co-CEO Co-CEO JW		
WH JW		
WH JW	VP - Oceani	ns
	VP - Operation	CRM
VP - Geosciences		
BG SG		
OPERATING PARTNER APPROVAL:		

a treated faced more areas, a way (asset) more armost	
MATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE	

		OF COSTS AND AUT	HORIZATION FOR EXPEN	DITURE	
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 s	tages in the 2rd Peas	Corina formation AER in	aludas D&C (laurhant & é	-in-1 ECD :
REMARKS:	Driif and Complete 63 S	tages in the 3rd Bone	Spring formation, AFE in	ncludes D&C, flowback & i	nitiat ESP install
INTANGIBLE	COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
1 Land/Legal/Regulatory		35,000	š	5	\$ 35,000
2 Location, Surveys & Damag	ges	220,000	13,000	4,000	237,000
4 Freight / Transportation		25,000	53,750		78,750
5 Rental - Surface Equipmen 6 Rental - Downhole Equipm		106,863	209,400	12,000	328,263
7 Rental - Living Quarters	ient	144,171	45,700	10,000	204,171
10 Directional Drilling, Surve	eva	294,300	45,700	10,000	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 16 Perforating, Wireline, Slic	letten	180,000		ANYTHER -	180,000
17 High Pressure Pump Truc			10,000	20,000	479,100 10,000
18 Completion Unit, Swab, C			140,000	16,500	156,500
20 Mud Circulation System		88,605	Thytoo	100000	88,605
21 Mud Logging		21,810			21,810
22 Logging / Formation Evalu	ation	11,900	8,000		19,900
23 Mud & Chemicals		272,672	464,100		736,772
24 Water 25 Stimulation		25,500	801,744		830,244
26 Stimulation Flowback & D	Disp		2,079,000		2,079,000
28 Mud/Wastewater Disposa		101,375	221,000		325,375
30 Rig Supervision / Enginee		132,900	88,000	8,000	228,900
32 Drig & Completion Overh		11,250		- AMERICA	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	TOTAL INTANGIBLES >	3,324,025	5,718,123	88,550	9,130,698
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE CO	DSTS	COSTS	COSTS	COSTS	COSTS
60 Surface Caning	35	15,034	5	\$	5 15,034
61 Intermediate Casing		225,348			225,348
62 Drilling Liner 63 Production Casing		299,801			299,801
64 Production Liner)	277,001
65 Tubing				60,618	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 70 Flow Lines				125,000	125,000
71 Rod string		$\overline{}$			
72 Artificial Lift Equipment				95,000	95,000
73 Compressor					-
74 Installation Costs				67,000	67,000
75 Surface Pumps		- 3		-	
76 Downhole Pumps 77 Measurement & Meter Insi	n				
78 Gas Conditioning/Dehyd					
79 Interconnecting Facility Pi				-	
80 Gathering / Bulk Lines				-	
81 Valves, Dumps, Controller				-	- E
82 Tank / Facility Containmer	ıt				
83 Flare Stack				* 0	-
84 Electrical / Grounding				19	
85 Communications / SCADA 86 Instrumentation / Safety			· · · · · · · · ·		
	TOTAL TANGIBLES >	643,183	- 0	502.648	1,145,831
	TOTAL COSTS >	3,967,207	5,718,123	591,198	10,276,529
	19100 00015		Syr Killer	374,70	10,270,025
PARED BY Colgate Energ	y:				
Drilling Engineer:	Rafael Madrid				
Completions Engineer:	Brady Adams		CRM		
Production Engineer:	Brady Adams				
ate Energy APPROVAL:					
Co-CEO		Co-	CEO	VP - Operation	ons
5	WH		Jw	-	CRM
VP - Land & Legal		VP - Geoscie	ences		
	BG		90		
OPERATING PARTNER	R APPROVAL:				
98 5997			Working Interest (%):	·	ID:
Company Name:			svorking interest (#)	Tax	ID:
Signed by:			Date:		
. 5000000000			477.91		
Title:			Approval:	Yes	No (mark one)
merica MT an experience/p and process for become	red westegres on yearing time of the region	ar stelle project. Telleng ann allan en ops	passed and arther All Dames by deligned agree a van	e and the well has been every breed to receiving this	AME, the Embrayaer information property and the

	ESTIMATE	OF COSTS AND AUTH	ORIZATION FOR EXPE	NDITURE	
	0/29/2019			AFE NO.:	0
_	ig Burro 27 State Com	134H		FIELD:	0
	M			MD/TVD:	18414 / 8660
_	ddy			LATERAL LENGTH:	9,427
Colgate WI:	1 n . c . :			DRILLING DAYS:	30
GEOLOGIC TARGET: 3r	rd Bone Spring			COMPLETION DAYS:	17
REMARKS: D	rill and Complete 63 s	tages in the 3rd Bone S	Spring formation, AFE i	ncludes D&C, flowback & i	initial ESP install.
INTANGIBLE COS	STS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
1 Land/Legal/Regulatory		\$ 35,000	5	\$	\$ 35,000
2 Location, Surveys & Damages		220,000	13,000	4,000	237,000
4 Freight / Transportation		25,000 106,863	53,750	49.000	78,750
5 Rental - Surface Equipment 6 Rental - Downhole Equipment		1-44,171	209,400 60,000	12,000	328,263 204,171
7 Rental - Living Quarters		58,788	45,700	10,000	114,488
10 Directional Drilling, Surveys		294,300		10,000	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 16 Perforating, Wireline, Slicklin	10	180,000	459,100	20,000	180,000 479,100
17 High Pressure Pump Truck	ic.		10,000	20,000	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	on	11,900	8,000		19,900
23 Mud & Chemicals		272,772	464,100		736,872
24 Water 25 Stimulation		25,500	2,079,000	-	830,244
25 Stimulation 26 Stimulation Flowback & Disp			152,000		2,079,000 152,000
28 Mud/Wastewater Disposal		104,375	221,000		325,375
30 Rig Supervision / Engineering	5	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
77 Contingency		302,196	425,329	8,050	735,575
99 Plugging & Abandonment	OTAL INTANGIBLES >	2 224 155	F 810 122	00.550	0.400.000
	OTAL INTANGIBLES >	3,324,155 DRILLING	5,718,123 COMPLETION	88,550 PRODUCTION	9,130,828 TOTAL
TANGIBLE COST	rs	COSTS	COSTS	COSTS	COSTS
0 Surface Casing	, 5	15,034	3	5	\$ 15,034
il Intermediate Casing		225,348			225,348
i2 Drilling Liner		- AWART			
i3 Production Casing A Production Liner		299,961			299,964
5 Tubing				60,648	60,648
6 Wellhead		77,000		75,000	152,000
7 Packers, Liner Hangers		26,000			26,000
8 Tanks				80,000	80,000
9 Production Vessels				125,000	125,000
70 Flow Lines					
I Rod string 2 Artificial Lift Equipment					05.005
2 Americiai Lur Equipment 3 Compressor				95,000	95,000
4 Installation Costs				67,000	67,000
5 Surface Pumps			*		or proof
6 Downhole Pumps					
7 Measurement & Meter Installa					
8 Gas Conditioning / Dehydratic				7.9	
9 Interconnecting Facility Piping	5				
0 Gathering / Bulk Lines 1 Valves, Dumps, Controllers					-
2 Tank / Facility Containment				·	-
3 Flare Stack					
4 Electrical / Grounding					-
5 Communications / SCADA					
6 Instrumentation / Safety					
	TOTAL TANGIBLES >	643,346	0	502,648	1,145,994
	TOTAL COSTS >	3,967,500	5,718,123	591,198	10,276,821
ARED BY Colgate Energy:					
	Rafael Madrid				
	Brady Adams		CRM		
	Brady Adams				
te Energy APPROVAL:					
Co-CEO		Co-C	ЕО	VP - Operation	
	WH		JW		CRM
VP - Land & Legal	BG	VP - Geoscien	Ces SO		
	55		<i>5</i> 1.7		
OPERATING PARTNER A	PPROVAL:				
Company Name:			Working Interest (%):	Tax	ID
-					
Signed by:			Date:		- -8
Title:			Approval: [7 Vos —	No (mark one)
Title.			oldmoon T	Yes	No (mark one)

FLATE		OF COSTS AND AUTHO	DRIZATION FOR EXPEND		
WELL NAME	8/5/2020 Big Burro 27 State Com	123H		AFE NO.:	0 nchester: Bone Spring
LOCATION:	Parkway			MD/IVD:	17249 / 7495
COUNTY/STATE	Eddy			LATERAL LENGTH:	9,427
Colgate WI:	Ø			DRILLING DAYS	20.6
GEOLOGIC TARGET:	2nd Bone Spring			COMPLETION DAYS:	16
REMARKS:	Drill and Complete 63	stages in the 2nd Bone S	oring formation. AFE inc	ludes D&C, flowback & i	nitial ESP install.
INTANGIBLE	COSTS	DRILLING COSTS	COMPLETION	PRODUCTION COSTS	TOTAL COSTS
1 Land/Legal/Regulatory		\$ 15,000	3	3	\$ 15,000
2 Location, Surveys & Dame	ages	150,000	13,000	10,000	173,000
4 Preight / Transportation 5 Rental - Surface Equipmen	nl	55,500 55,800	36,750 150,450	1710	92,230 210,8%F
6 Rental - Downhole Equip		68,799	56,000	1,610	124,799
7 Rental - Living Quarters		35,516	45,700	5,200	86,446
10 Directional Drilling, Sure	verya	188,380			180,350
11 Drilling 12 Drill Bits		475,824			475,824
13 Fuel & Power		81,000 67,053	210,000		81,000 277,053
14 Cementing & Fluat Equip		155,000			155,000
16 Perforating, Wireline, Sli	ckline		260,750	8,000	268,750
17 High Pressure Pump True 18 Completion Unit, Swab, 6	ck CIII		10,000	1800	10,000
20 Mud Circulation System		83,144	150,000	12,040	162,040 #3,144
21 Mud Logging		19,499			19,499
22 Logging / Formation Eval	uation	6,497	8,000		14,494
23 Mud & Chemicals 24 Water		98,516	1000,000		106,516
24 Water 25 Stimulation		28,193	505,932 720,000		53-1,125 720,000
26 Stianulation Flowback & 1	Disp		94,000	-	94,000
28 Mud / Wastewater Dispos	nal	96,938	63,000		199,986
30 Rig Supervision / Enginee		95,975	79,600	9,800	185,375
32 Drig & Completion Overl 35 Labor	nesd	7,725	20 500	435 +1665	7,725
54 Proppani		((0,500)	30,500	10,000	149,000
95 Insurance		32,632	474130		32,632
97 Contingency		97,274	154,242	5,968	257,484
99 Plugging & Abandonmen					
	TOTAL INTANGIBLES >	2,042,761	3,332,080	65,648	5,440,489
Titomin -	COPTO	DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE C	USIS	COSTS 9,5%	COSTS	COSTS	COSTS
61 Intermediate Casing	,	69,726			69,726
62 Drilling Liner					
63 Production Casing		288,,896		-	238,396
64 Production Lines 65 Tubing			-	44.03	40.00
66 Wellkead		64,000	-	30,911	30,911 112,900
67 Parkers, Liner Hangers		22,000		3,500	25,500
68 Tanks					
69 Production Vessels		1775			- :
70 Flow Lines 71 Rod string		7		7	
72 Artificial Lift Equipment				80,000	80,000
73 Сопртенног			-	00,000	- CHICANO
74 Installation Costs		7		35,000	35,000
75 Surface Pumps 76 Downbole Pumps				5,000	5,000
76 Downhole Pumps 77 Measurement & Meier Ins	fallation			1,950	1,950
78 Gas Conditioning / Dehyd	Iration		-		
79 Interconnecting Facility Pi	ping				
80 Gathering / Bulk Lines					
81 Valves, Dumps, Controller 92 Tank / Facility Containmer					
92 Tank / Facility Containmer 93 Flare Stack					
34 Electrical / Grounding				60,000	60,000
35 Communications / SCADA					
16 Instrumentation / Safety					
	TOTAL TANGIBLES >	403,712	0	268,261	671,972
	TOTAL COSTS >	2,446,473	3,332,080	333,909	6,112,461
BARRE BY WOLLDS	ho				
PARED BY Colgate Fnerg	ty:				
Drilling Engineer:					
Completions Engineen:	Brady Adams		CRM		
Production Engineer:	Levillarus				
ate Energy APPROVAL;					
Co CEO		CINCEC)	VP - Operation	п
	WH		- IN	· Operation	CRM
VP Land & Legil		VP Grandfritte	- P. C.		
04.2	Bi)		SO		
OPERATING PARTNER	APPROVAL:				
			Marketon Res		
Company Name			Verking Interest (%):	Tax ()	
Signed by			Dale		
					= 0,
Title			Approval:	Yes []	No (markour)
other Mill on beaming all and one making and	- durable - er sint Bettier	Cathlesen Street and Commission	and a few first to the order to the same of the		H 40.4

DATE	The second secon	E OF COSTS AND AUTHO			
	8/5/2020			AFE NO.:	0
WELL NAME	Big Burro 27 State Co	m 133H			inchester, Bone Spring
LOCATION:	Parkway			MD/TVD:	18404 / 8650
COUNTY/STATE:	Eddy			LATERAL LENGTH:	9,427
Colgate WI:	2nd Roma Control			DRILLING DAYS:	23,25
GEOLOGIC TARGET:	3rd Bone Spring			COMPLETION DAYS:	16
REMARKS:	Drill and Complete 63	stages in the 3rd Bone S	pring formation. AFE in	cludes D&C, flowback & i	initial ESP install,
INTANGIBLE	E COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
I Land/Legal/Regulatory		\$ 15,000	3	5	\$ 35,000
2 Loration, Surveya & Dam	ages	150,000	13,000	10,000	(73,000
4 Preight / Transportation	20	55,500	36,750		92,250
5 Rental - Surface Equipme 6 Rental - Downhole Equip		62,354	150,450	4,640	217,444
7 Rental - Living Quarters	out in	38,583	56,000 45,700	5,200	124,799
10 Directional Drilling, Sur	veys	237,200	12,200	3,200	237,200
11 Drilling	20540	521,597			521,597
12 Orill Bits		112,500			112,500
13 Fuel & Power		75,679	210,000		285,679
14 Conenting & Float Equip 16 Perforating, Wireline, Sti		155,000	- VATER*	- Vyour-	155,000
17 High Pressure Pump Tru			260,750	8,000	258,750 10,000
18 Completion Unit, Swab,			150,000	12,040	162,010
20 Mud Circulation System		91,730	Sallana,	13673	91,730
21 Mud Logging		21,725			21,725
22 Logging / Formation Eval	Justion	8,296	5,000		16,296
23 Mud & Chemicals 24 Water		106,356	.308,000		111,356
25 Stimulation		28,126	720,000		571,654 720,000
26 Stimulation Flowback &	Disp	$\overline{}$	94,000		94,000
28 Mud / Wastewater Disps	tea	96,938	73,000		169,938
30 Rig Supervision/Engine	sering	108,322	79,600	9,800	197,722
32 Drig & Completion Over	head	1,719			8,719
35 Labor		108,500	30,300	10,000	149,000
54 Proppant 95 Insurance		34,810	490,676		490,676 34,810
97 Contingency		106,302	159,333	5,968	271,602
79 Plugging & Abandonmer	nt	- Notice	(With the control of	ALCINC.	ET IJONE
	TOTAL INTANGIBLES	> 2,232,334	3,438,946	65,648	5,736,968
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE C	COSTS	COSTS	COSTS	COSTS	COSTS
O Sourface Casing 7 Intermediate Casing		69,726	•		5 9,390
2 Drilling Liner		D7,/20			69,726
3 Production Casing		254,308			254,308
4 Production Lines					no-1940
5 Tubing				IA, 136	36,356
6 Wellhead		61,000		48,900	112,900
7 Packers, Liner Hangers 8 Tanks		22,000	1.0	1,500	25,500
8 Ianks 9 Production Vessels				-	
D Flow Lines					
1 Rod string			-		
2 Artificial Lift Equipment				(100,000)	20,000
3 Compressor		555			-
Installation Costs				/aj.non	35,000
5 Surface Pumps 6 Downhole Pumpa				5,000	5,000
o Downnoie Pumpa 7 Measurement & Meter Ins	Hallation			4,950	4,950
B Gas Conditioning / Dehyd					
9 Interconnecting Facility Pi	iping				7 7 7
Galhering / Bulk Lines	_			14	
1 Valves, Dumps, Controlle	16		21111-		
Tank / Facility Containine	nt			4.5	4.)
3 Flare Stack 1 Electrical / Grounding				/0.000	
s electrical / Grounding 5 Communications / SCADA	Α.			60,000	60,000
finstrumentation/Safety	-				
,	TOTAL TANGIBLES:	419,623	0	273,706	693,329
	TOTAL COSTS :		3,416,966	339,354	6,430,297
ARED BY Colgate Energ	gy:				
Drilling Engineer:	: Steven Segrest				
Completions Engineer			CRM		
Production Engineer			CKPI		
	13 ************************************				
te Energy APPROVAL:					
Cu-CEO		Co CEC	n	VD - Character	
CirCEO	Will	AD CE	Jw -	VP Oprottic	CRM
VP Land & Legal		VP - Groteroux			- 8-611
	BG	1 30000000			
OPERATING PARTNE	R APPROVAL:				
	The second second second		Working Interest (%)	Taet	ID.
Company Name	and the second second		Working Interest (%)	Tax	ID
	and the second second		Working Interest (%)	Tax	ID
Company Name	and the second second			Tax l	No (makand)

	ESTIMAT				
DATE	8/5/2020			AFE NO.:	0
WELL NAME:	Big Burro 27 State Cor	n 124H			inchester, Bone Spring
LOCATION:	Parkway			MD/TYD:	17269 / 7515
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 in	rcludes D&C, flowback &	initial ESP install.
INTANGIBLE	CDSTS	DRILLING COSTS	COMPLETION	PRODUCTION COSTS	TOTAL
1 Land/Legal/Regulatory		\$ 35,000	3	3	\$ 15,000
2 Location, Surveys & Dama	gee	150,000	13,000	10,000	173,000
4 Freight/Transportation		22,300	36,750		92,250
5 Rental - Surface Equipmen		55,800	150,450	1,610	210,890
6 Rental - Downhole Equipm	ient	68,799	56,000		124,799
7 Rental - Living Quarters 10 Directional Drilling, Surve	awa	35,546	45,700	5,2(0)	86,446 180,590
11 Drilling	-1 -	475,824			475,824
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, Slic.			260,750	8,000	268,750
17 High Pressure Pump Truc 18 Completion Unit, Swab, C			10,000 150,000	13.66	10,000
20 Mud Circulation System		83,144	150,000	12,040	162,040 83,144
21 Mud Logging		19,499	-		19,199
22 Lugging/Formation Evalu	ation	6,494	B,OUG		14,494
23 Mud & Chemicals		98,516	368,006		106,516
24 Water		28,193	505,932	7	534,725
25 Stimulation			720,000		720,000
26 Stimulation Flowback & D		11/11/19	94,000		91,000
28 Mud/Wastewater Disposa 30 Rig Supervision / Fouriese		96,938	63,000		159,938
30 Rig Supervision / Enginee 32 Drig & Completion Overh		95,975 7,725	79,600	9,800	185,375 7,725
35 Labor		108,500	30,500	10,000	149,000
54 Proppani			43kc156	- 10	136,156
95 Іпишталсе		32,632			32,632
97 Contingency		97,274	154,242	5,968	257,184
99 Plugging & Abandonment					
	TOTAL INTANGIBLES		3,332,080	65,618	5,440,489
TANGIBLE CO	OSTS	DRILLING COSTS	COMPLETION	PRODUCTION COSTS	TOTAL
O Surface Casing		\$ 9,500	5	3	\$ 9,590
il Intermediate Casing		69,726			69,726
52 Delling Liner					
3 Production Casing 4 Production Liner		238,396		·	238,396
5 Tubing					30,911
6 Wellhead		64,000	$\overline{}$	18,900	112,900
7 Packers, Liner Hangers		22,000		3,300	25,500
8 Tanks					
9 Production Vessels					
O Flow Lines					
71 Rod string				- VOR.	- Parkers
2 Artificial Lift Equipment 3 Compressor				86,000	A00300
4 Irutaliation Costs				35,000	35,000
5 Surface Pumps		-		3,000	5,000
6 Dewnhole Pumps		-		1,950	1,930
7 Measurement & Meler Inst					Total Control
8 Gas Conditioning / Dehydr					5.47
9 Interconnecting Facility Pig	ing				
0 Gathering / Bulk Lines				0.	-140
1 Valves, Domps, Controllers 2 Tank/Pacility Containmen					
3 Flare Stack	•			·	
4 Electrical / Grounding				60,000	60,000
5 Communications/SCADA					14
6 Instrumenlation / Safety				·	
	TOTAL TANGIRLES		0	269,261	671,972
	TOTAL COSTS :	2,446,473	3,332,080	333,909	6,112,461
ARED BY Colgate Energy	v:				
Driffing Engineer:	Steven Segrest				
Computer 2 1	Brady Adams		CRM		
Completions Engineer					
Completions Engineer Production Engineer:	Levi Harris				
Production Engineer:	Lovi Harris				
Production Engineer: e Energy APPROVAL:	Lou Hairis				
Production Engineer:		Co-C		VP - Operation	
Production Engineer: Ite Energy APPROVAL: CI+CEO	WH		IW	VP - Operation	CRM
Production Engineer: te Energy APPROVAL:	WH	Co-C	IW	VP Operatio	
Production Engineer: Ite Energy APPROVAL: CI+CEO	WH		IW	VP = Operatio	
Production Engineer: te Energy APPROVAL: Ct-CEO	WH		IW	VP Operatio	
Production Engineer: te Energy APPROVAL: Cir-CEO VP - Land & Legal	WH BC		IW	VP∞Operatio	
Production Engineer: Ite Energy APPROVAL: CI+CEO VP - Land & Logal OPERATING PARTNER	WH BC		IW SO		CRM
Production Engineer: te Energy APPROVAL: Cir-CEO	WH BC		IW		CRM
Production Engineer: CI-CEO VP - Land & Logal OPERATING PARTNER	WH BC APPROVAL:		IW SO		CRM

DATE:	8/5/2020			AFE NO.:	. 0
WELL NAME:	Big Burro 27 State Con	13411			Winchester, Bone Spring
OCATION:	Parkway			MD/TVD:	18414 / 8660
OUNTY/STATE	Eddy			LATERAL LENGTH:	9,427
olgate WI:				DRILLING DAYS:	23,25
EOLOGIC TARGET:	3rd Bone Spring			COMPLETION DAYS:	16
EMARKS:	Drill and Complete 63	stages in the 3rd Bone 5	pring formation. AFE in	ncludes D&C, flowback	& initial ESP install.
		DRILLING	COMPLETION	PRODUCTION	TOTAL
INTANGIBLE	COSTS	COSTS	COSTS	COSTS	COSTS
and/Legal/Regulatory		\$ 35,000	5 12.000	· ·	\$ 15,000
.ocation, Surveys & Dama reight / Transportation	ges	150,000	13,000 36,750	10,000	173,000 92,250
lental - Surface Equipmen	nt.	62,354	150, 150	4,610	217,144
Rental - Downhole Equipa	nent	68,799	56,000	4,515	121,799
Rental - Living Quarters		18,541	15,700	5,200	89, 183
0 Directional Drilling, Surv	eys	237,200			237,200
Drilling		521,797			521,597
Drill Bits Fuel & Power		112,500	- Antique		112,500
Cementing & Float Equip		75,679 135,000	210,000		285,679 155,000
Perforating, Wireline, Sile		- SAMMY	260,750	8,000	268,750
High Pressure Pump Truc			10,000		10,000
Completion Unit, Swab, C			150,000	12,040	162,010
Mud Circulation System		91,730			91,730
Mud Logging		21,725			21,725
Logging / Formation Evalu Mud & Chemicals	ualion	8,296	8,000		16,296
Mud & Chemicals Water		106,356	398,000		411,356
Stimulation		28,126	545,228 720,000		571,654 720,000
i Stimulation Flowback & [Disp		94,000		94,000
Mud / Wastewater Dispos		96,938	73,000		169,938
Rig Supervision / Enginee	aing	109,322	79,600	9,800	197,722
Drig & Completion Overh	iead	8,719	the second		8,719
Labor		108,500	10,500	10,000	149,000
Proppant		- Transfe	490,676		190,676
Insurance Confingency		34,810	159,333	5,968	34,810 271,602
Connigency Plugging & Abandonment	t	1100,5002	154,333	2,766	2/1,602
55 5	TOTAL INTANGIBLES:	2,232,334	3,438,986	65,645	5,736,968
		DRILLING	COMPLETION	PRODUCTION	TOTAL.
TANGIBLE O	OSTS	COSTS	COSTS	COSTS	COSTS
orface Casing		9,590	·	5	\$ 9,390
ntermediate Casing Filling Lines		69,726			(9,726
roduction Casing		251,308			251,508
roduction Liner		A. P. LOUIS			434,900
ubing				16,156	36,556
rithead		61,000		18,930	112,900
eckers, Liner Hangers		22,000		3,900	25,500
anks roduction Vessels		- 2			
roduction Vessels low Lines					
ed string					
rtificial Lift Equipment			-	90,000	30,000
ompressur					
stallation Coats		#		35,000	35,000
oface Pumps				3,000	5,000
wahale Pumps	to Hardward			1,950	f.950
easurement & Meter Inst		*			
n Conditioning/Dehyd: terconnecting Facility Pi					
thering/Bulk Lines	r6				
lves, Dumps, Controller					
nk/Escitity Containmen					
are Stack				$\overline{}$	
ectrical / Geounding				50,000	60,000
ommunications/SCADA					
atrumentation/Safety	TOTAL SEASONS OF				
	TOTAL TANGIBLES >		0	273,706	693,329
	TOTAL COSTS >	2,651,957	3,438,986	339,354	6,430,297
ED BY Colgate Energ	VI.				
Drilling Engineer:	Steven Segresi				
Completions Engineer:	Brady Adams		CRM		
Production Engineer:	Levi Harris				
HALLIN A BROCKLA					
iergy APPROVAL;					
Co-CEO	Mile	Co-CE		VP Open	
100	WH		[W		CRM
VP - Land & Legal	RG .	VP Gerticiens	- SO		
			κ,		
FRATING PARTNER	APPROVAL:				
	APPROVAL:		Working Interest (%)	r	an ID
GRATING PARTNER	APPROVAL:		Working Interest (%)	r	an ID
179 Carlot 1994 (1	APPROVAL:		Working Interest (%)	r	an ID
Contraction Contraction	APPROVAL:				AN ID (mark mer)

Table of Contents

Exhibit A

Affidavit of Mark Hadjik

OCD Case 21239 (Weaver wells) Colgate Operating, LLC

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

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)
) 55.
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: 2nd 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: 2nd 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: 3rd 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: 3rd 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 day of August, 2020, by MARK HADJIK on behalf of Colgate Operating. LLC.

Notary Public

My Commission Expires:

5/29/2022

JORDAN IRETON Notary Public, State of Texas Comm. Expires 05-29-2022 Notary ID 129034221

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

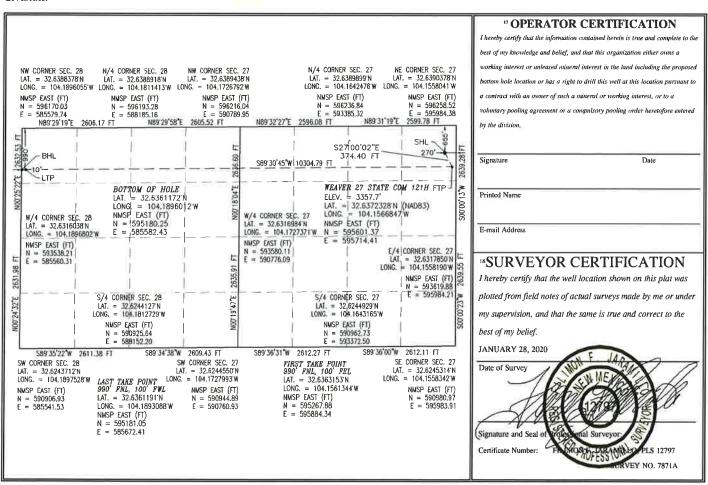
State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

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

☐ AMENDED REPORT

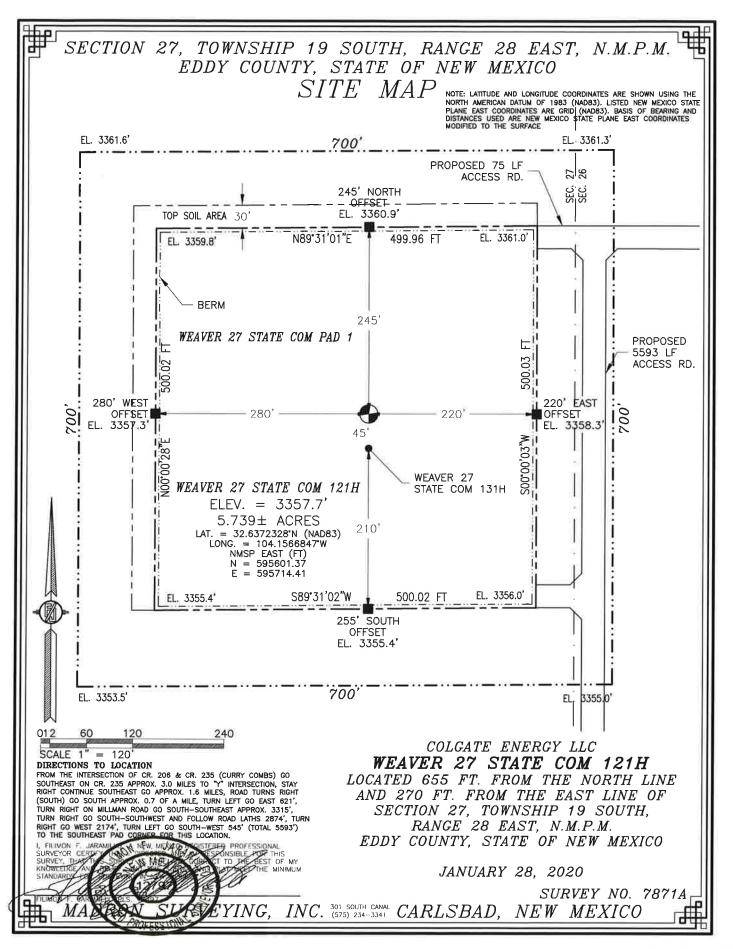
	- TOW NY 1		1	² Pool Code		REAGE DEDIC							
API Number ² Po					³ Pool Name								
					5 Property								
¹ Property Code			6 Well Number										
				V	EAVER 27 S	121H							
'OGRID	No.				8 Operator	⁹ Elevation							
37144	9			C	OLGATE EN	ERGY LLC		3357.7					
					" Surface	e Location							
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line Cou					
A	27	19 S	28 E		655	NORTH	270	EAS	ST	EDDY			
			" B	ottom H	ole Location	If Different Fr	om Surface						
UL or lot no.	Section	Township Range Lot Idn Feet from the North/South line Feet from the East/West line								County			
D	28	19 S	28 E		990	NORTH	10	WEST EDD'					
Dedicated Acre	s ¹³ Joint	or Infill " (Consolidation	Code	15 Order No.								
	1												

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.

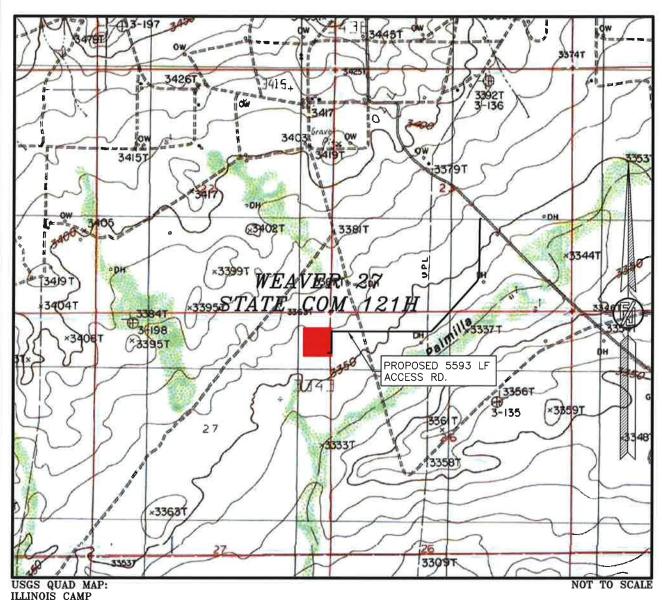


Inten		As Drill	led											
Ope	rator Nar	me:				Prop	erty N	ame:						Well Number
COL	COLGATE ENERGY LLC							AVE		121H				
						7								
Kick C	Off Point (KOP)							-					
UL A									Feet 270			E/W T	County EDDY	
Latitu		72328	•		Longit		4.156	684	7				NAD 83	
First T	ake Poin	t (FTP)												
UL A									Feet 100	Feet From		E/W	County EDDY	
Latitu	de 32.636	3153	21		Longitu	ude 104.1561344							NAD 83	
Last T	ake Point Section 28	Township	Range 28E	Lot	Feet 990	From	N/S RTH	Feet 100		From E		Count	у Ү	
Latitu		 361191			Longitu						NAD	83		
	well the	defining we	ell for the	Horizo	ontal Spa	acing U	nit?]	,			
	l is yes p ng Unit.	lease prov	ide API if	availa	ıble, Op	erator	Name	and	well	numbe	r foi	· Defir	ning well	for Horizontal
Oper	Operator Name:						Property Name:							Well Number

KZ 06/29/2018





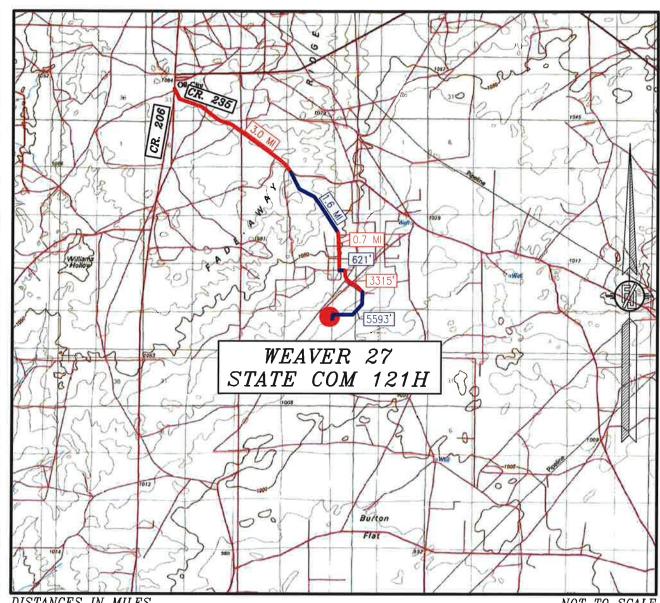


COLGATE ENERGY LLC
WEAVER 27 STATE COM 121H
LOCATED 655 FT. FROM THE NORTH LINE
AND 270 FT. FROM THE EAST LINE OF
SECTION 27, TOWNSHIP 19 SOUTH,
RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

SURVEY NO. 7871A MADRON SURVEYING, INC. 301 SOUTH CANAL 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 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.

JANUARY 28, 2020

EDDY COUNTY, STATE OF NEW MEXICO

SURVEY NO. 7871A

MADRON SURVEYING, INC. 301 SOUTH CANAL 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 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

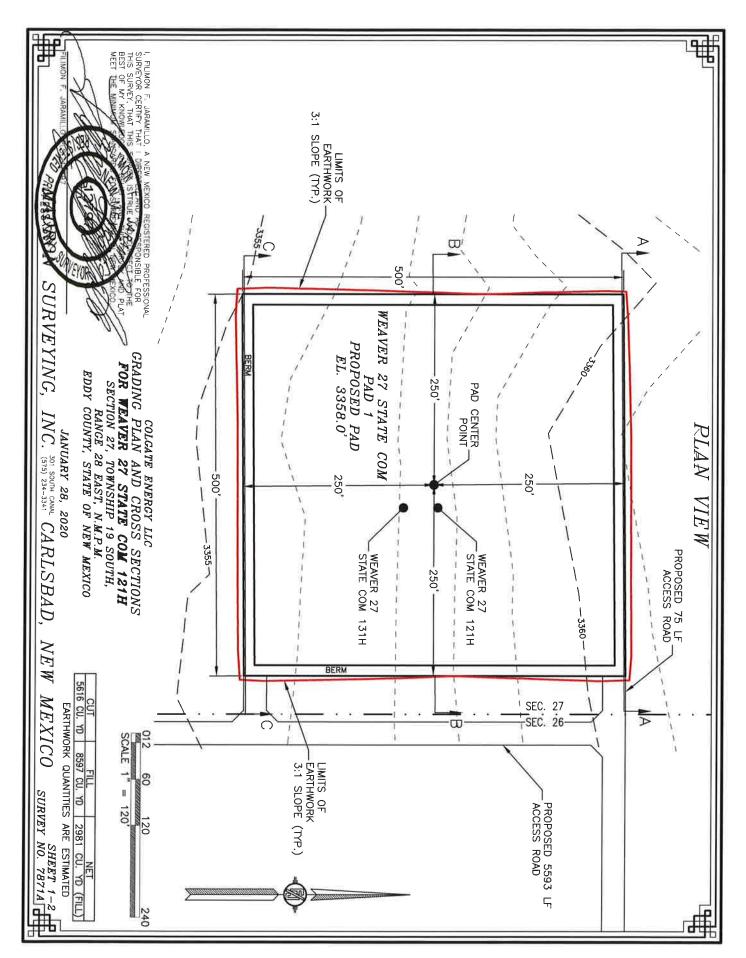
COLGATE ENERGY LLC
WEAVER 27 STATE COM 121H
LOCATED 655 FT. FROM THE NORTH LINE
AND 270 FT. FROM THE EAST LINE OF
SECTION 27, TOWNSHIP 19 SOUTH,
RANGE 28 EAST, N.M.P.M.

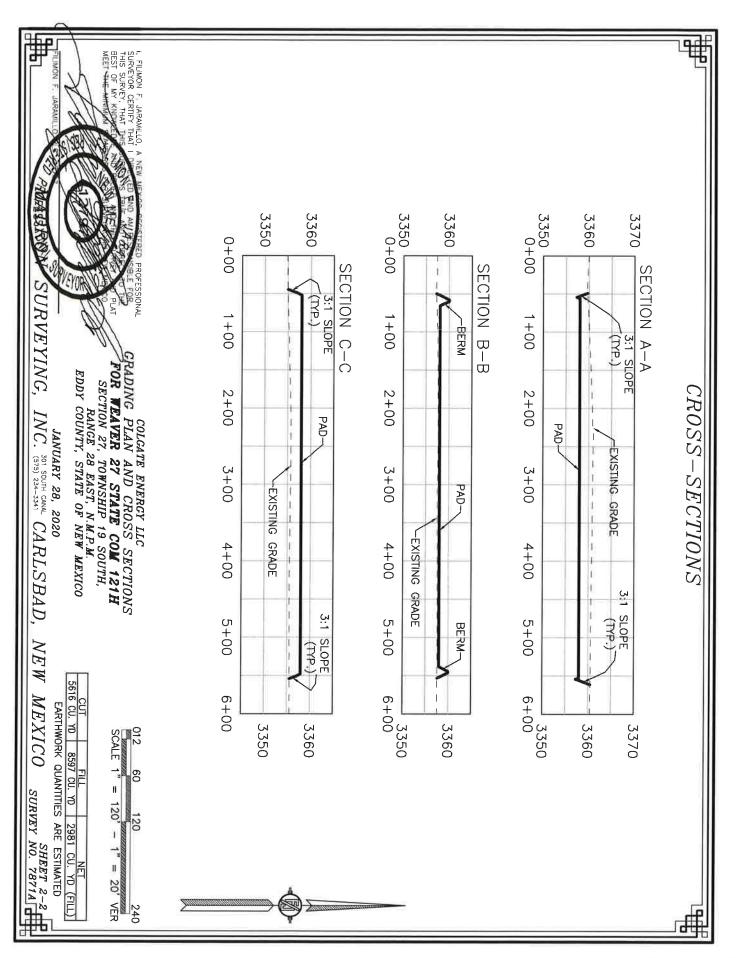
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

SURVEY NO. 7871A

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

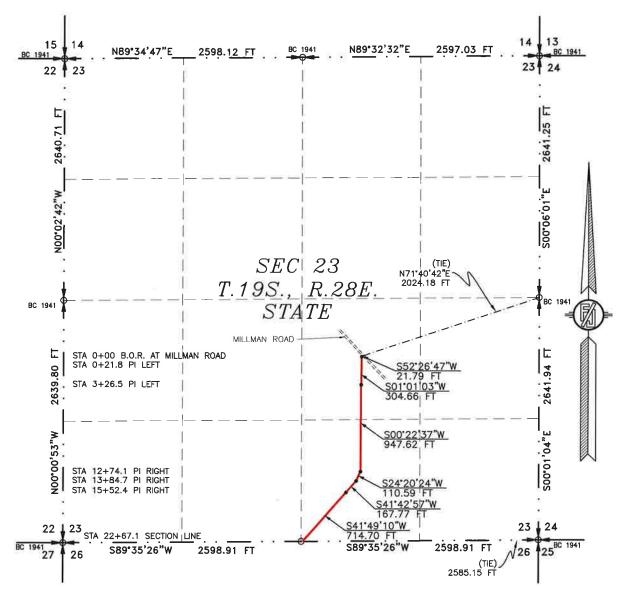




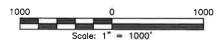
ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 1 (WEAVER 27 STATE COM 121H & 131H)

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



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,

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 NEW MEXICO

A - 7 101:

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 \$41'42'57"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:

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

FILIMON

(575) 23

INC. (575)

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,

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 $\underline{28}$ _ DAY OF JANUARY 2020

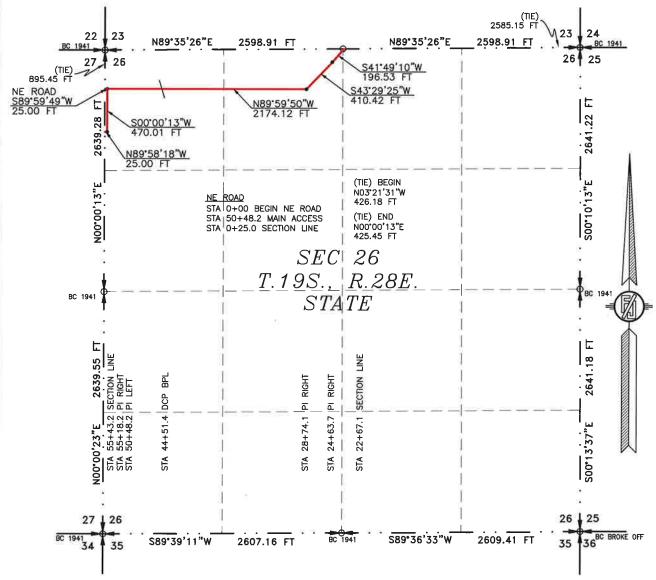
> MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO 88220 Phone (575) 234-3341

SURVEY NO. 787 *NEW MEXICO*

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,

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 NEW MEXICO

A E 7 101

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 NO0000'13"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:

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 NO3*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 NO0°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

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

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 SURVÉY.

SHEET: 4-6

MADRON SURVEYING,

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



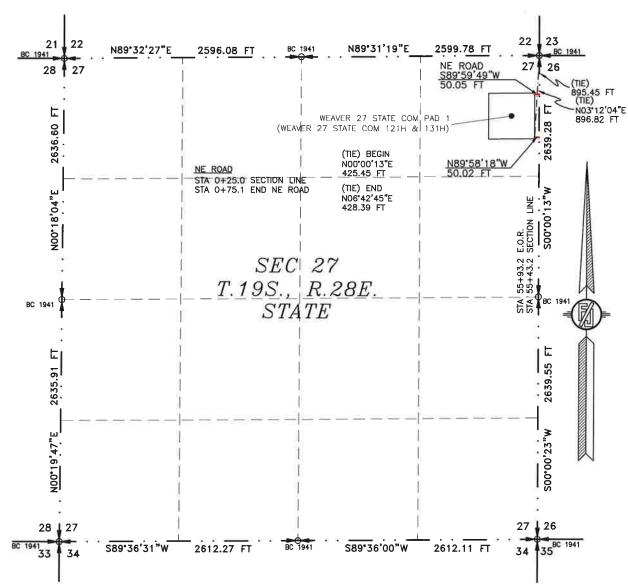
MADRON SURVEYING, INC. SOUTH CANAL CARLSBAD, NEW MEXICO 88220 Phone (575) 234-3341

SURVEY NO. 7871A *NEW MEXICO*

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,

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 NEW MEXICO

A 7 7 010

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 NOO'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 NO0'00'13"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 NO6'42'45"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

FILIMON

INC. 30 SOUT

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,

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 NEW MEXICO

EV / EV /

EX.A EX.1

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

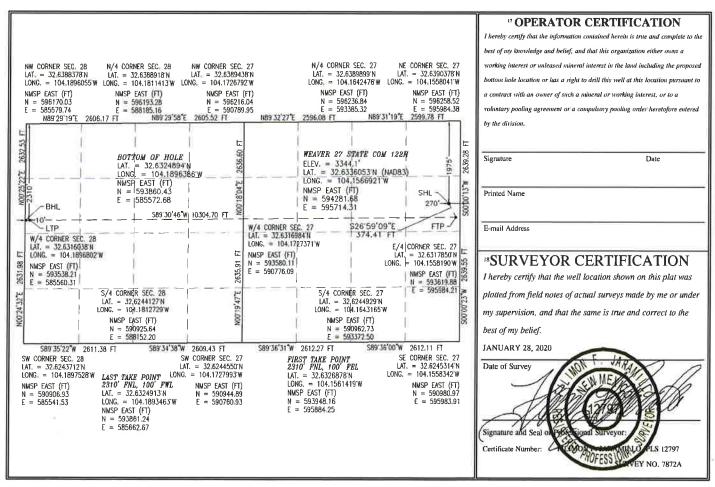
Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

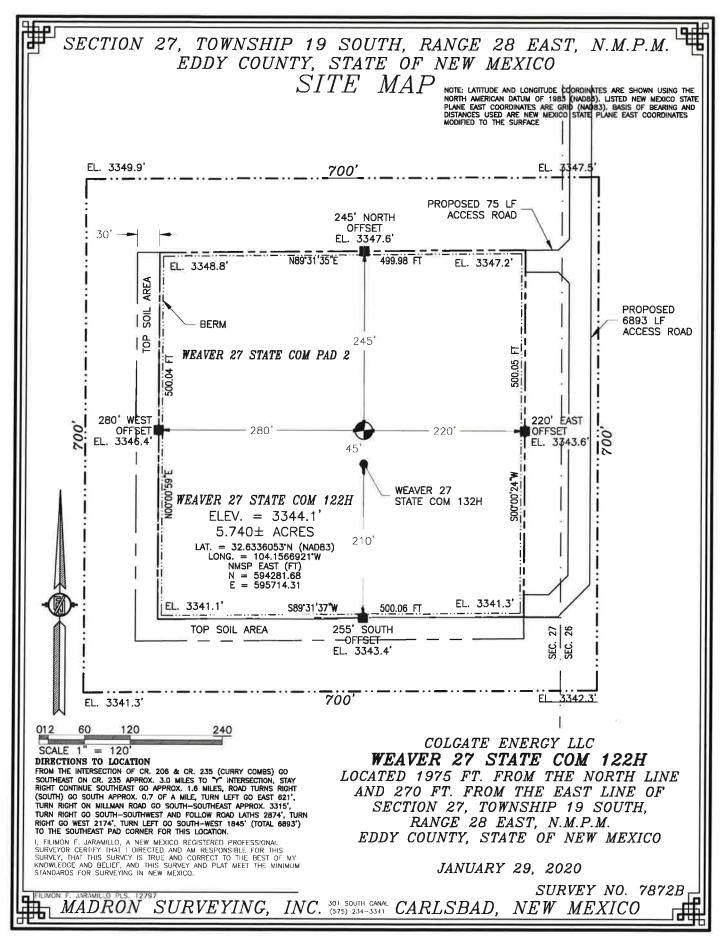
API Number ² Pool					le	³ Pool Name							
⁴ Property Code					6 Well Number								
				V	VEAVER 27 ST	ГАТЕ СОМ				122H			
OGRID 1	No.				9 Elevation								
37144	COLGATE ENERGY LLC 3344.								3344.1				
					" Surface	Location							
UL or lot no.	Section	Township Range Lot Idn Feet from the North/South line Feet from the East/V					East/We	est line	County				
H	27	19 S	28 E		1975	NORTH	270	EAS	ST	EDDY			
			" B	ottom H	ole Location	If Different Fr	om Surface						
UL or lot no.	Section	Township Range Lo			Feet from the	North/South line	Feet from the	East/We	East/West line County				
E	28	19 S	28 E		2310	NORTH	10	WE	ST	EDDY			
² Dedicated Acres ¹³ Joint or Infill ¹⁴ Consol			Consolidation	Code			15 Order No.						

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

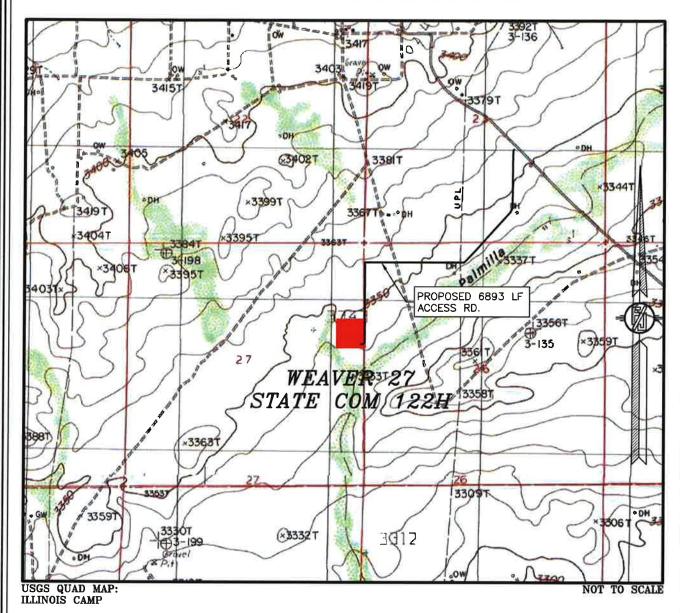


Inten		As Drill	ed										
Ope	rator Nan	ne:				Property		Well Number					
COI	LGATE EN	NERGY LLC	2		W	EAVE	122H						
Kick (Off Point (Section 27	KOP) Township 19S	Range 28E	Lot	Feet 1975	From NO		Feet 270	Fror EA S	n E/W ST	County EDDY		
Latitu		36053	,		Longitue	de 104.15	6692	1			NAD 83		
UL H	Section 27	Township 19S	Range 28E	Lot	Feet 2310	From N/S Feet 100			From	n E/W ST	County EDDY		
Latitu	de 32.632	6878			Longitue	de 104.15 6	51419				NAD 83		
.ast T UL E	Section 28	(LTP) Township 19S	Range 28E	Lot	Feet 2310	From N/S NORTH	Feet 100	Fro	m E/W EST	Count EDD	у Ү		
Latitu		324913			Longitud	nde 104.1893463					83		
	well the o	defining we	ell for the	Horizo	ntal Spac	cing Unit?	[
	l is yes p ng Unit.	ease provi	ide API if	availa	ble, Ope	rator Nan	ne and	well num	nber fo	r Defir	ning well	for Horizontal	
						2							
∪per	ator Nam	e:				Property I	Name:					Well Number	
					1								

KZ 06/29/2018



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



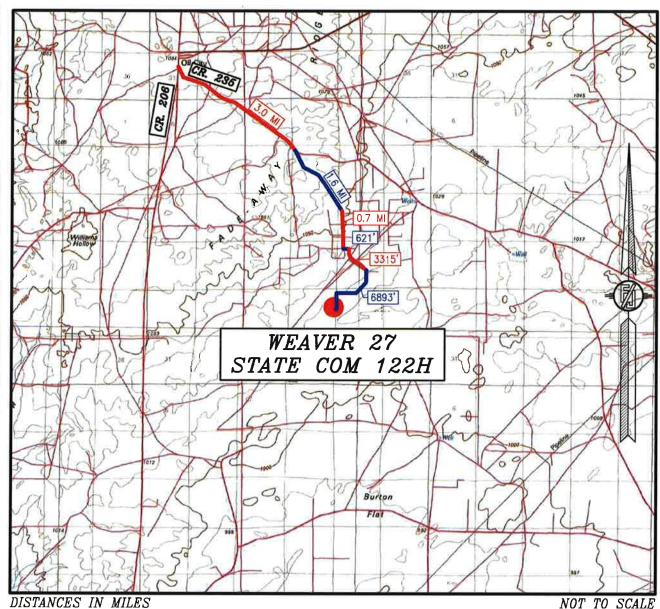
COLGATE ENERGY LLC
WEAVER 27 STATE COM 122H
LOCATED 1975 FT. FROM THE NORTH LINE
AND 270 FT. FROM THE EAST LINE OF
SECTION 27, TOWNSHIP 19 SOUTH,
RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

SURVEY NO. 7872B

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

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



DIRECTIONS TO LOCATION

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 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.

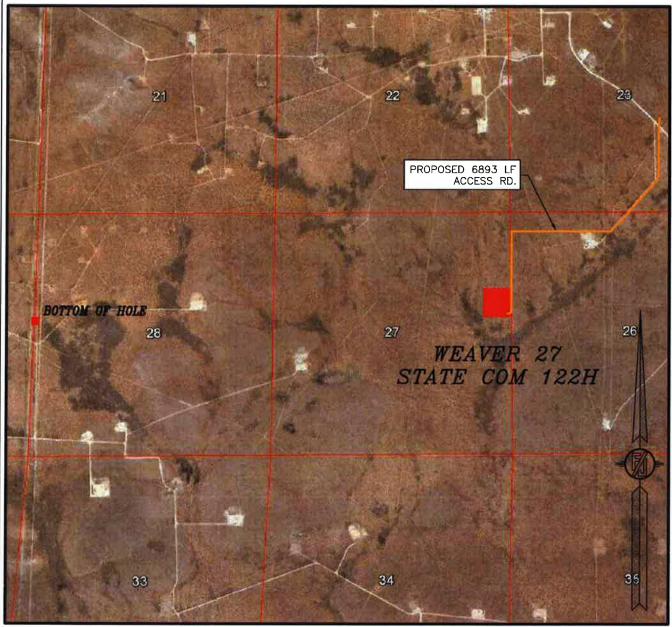
COLGATE ENERGY LLC

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

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



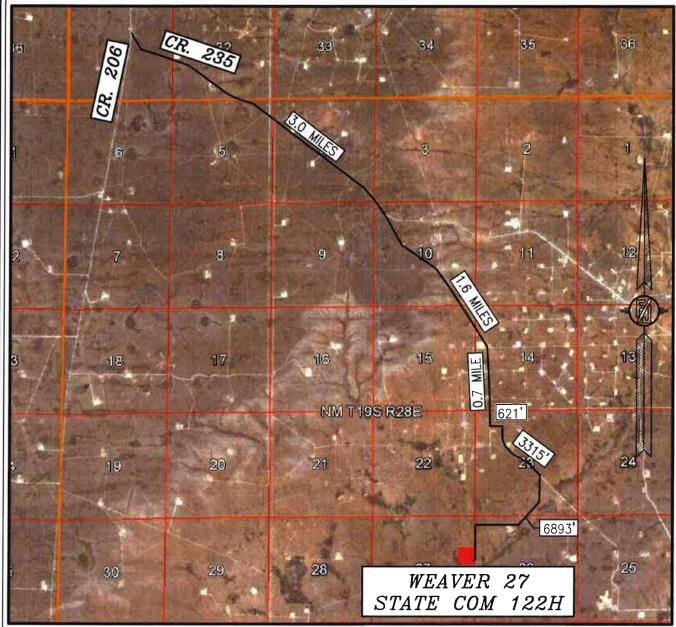
NOT TO SCALE AERIAL PHOTO: GOOGLE EARTH MARCH 2016

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

SURVEY NO. 7872B
MADRON SURVEYING, INC. 301 SOUTH CANAL 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

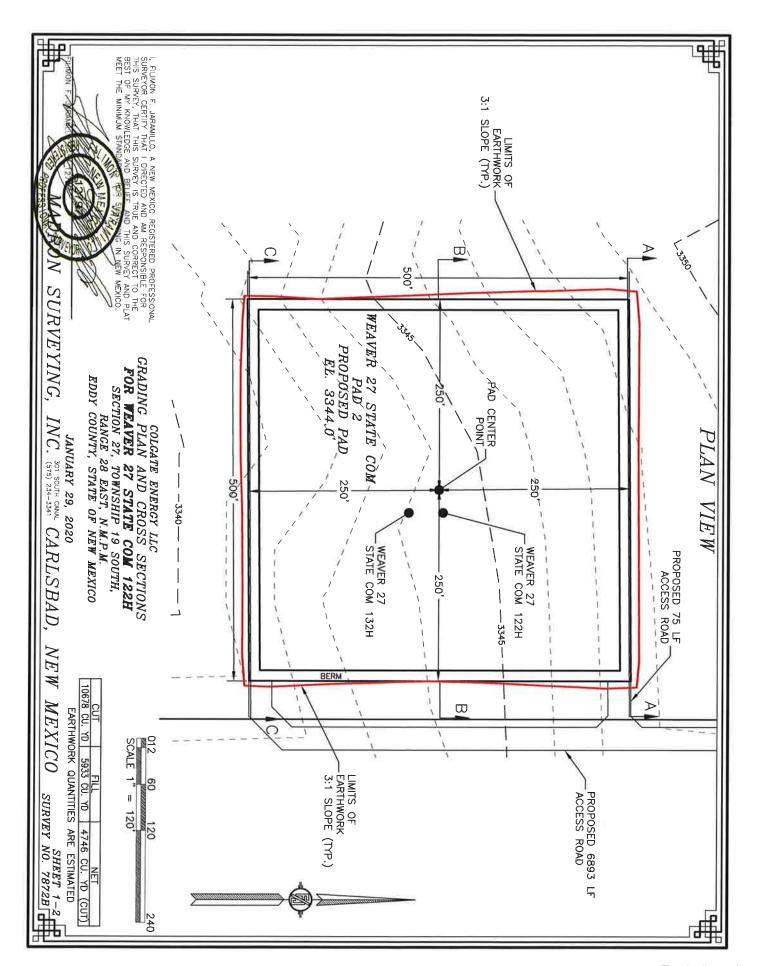


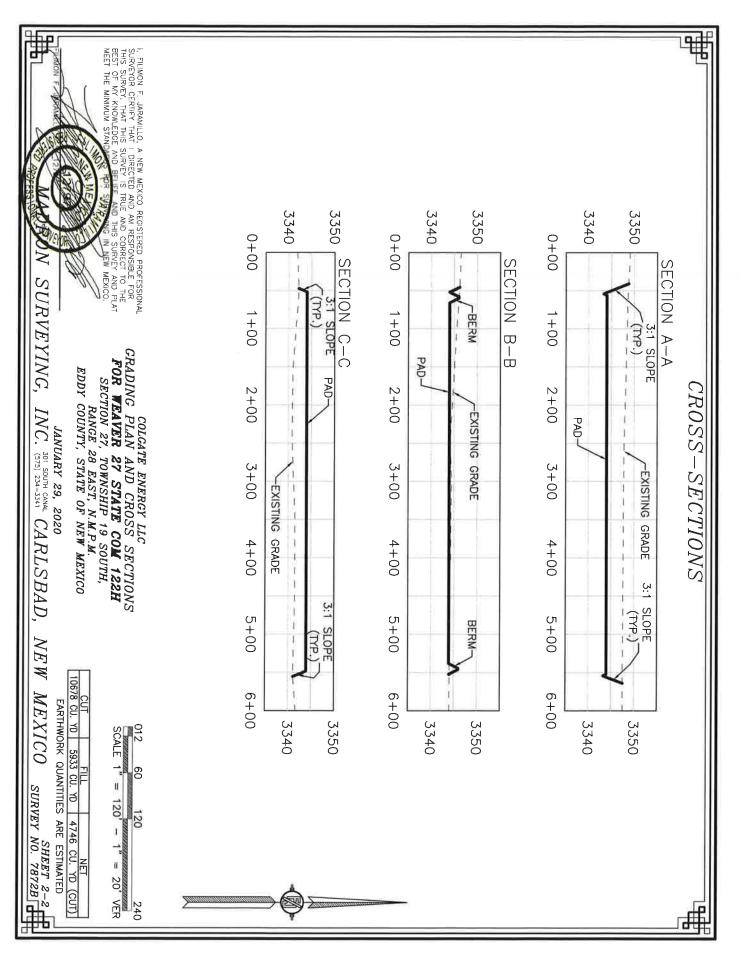
NOT TO SCALE AERIAL PHOTO: GOOGLE EARTH MARCH 2016

COLGATE ENERGY LLC WEAVER 27 STATE COM 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

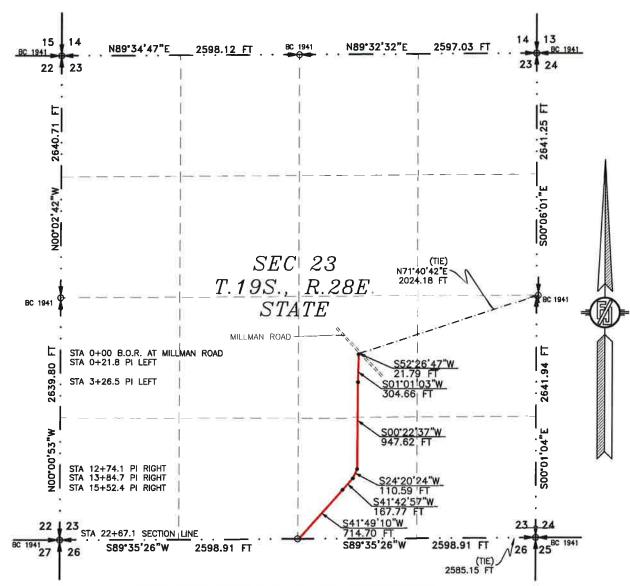




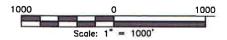
ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 2 (WEAVER 27 STATE COM 122H & 132H)

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



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,

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 $\underline{-30}$ DAY OF JANUARY 2020



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

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

SURVEYOR CERTIFICATE

PHIMON

INC. 301 South

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,

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

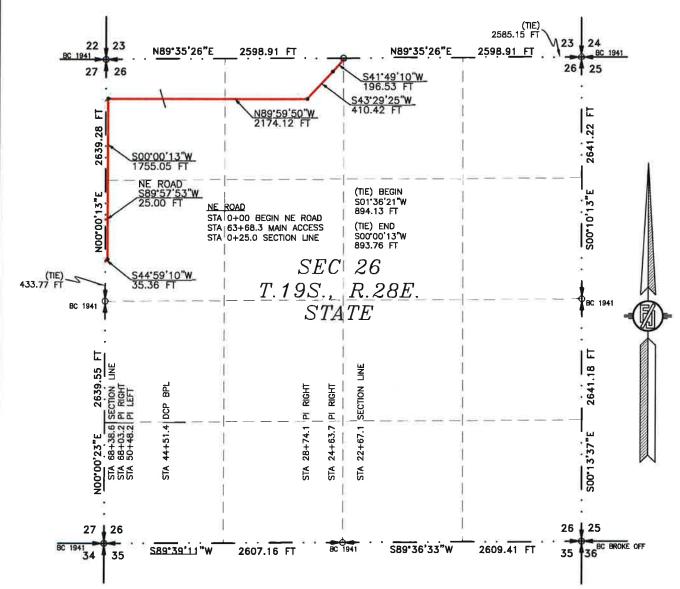
SURVEY NO. 7872B NEW MEXICO

EX.2 03

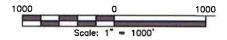
ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 2 (WEAVER 27 STATE COM 122H & 132H)

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

ET: 3-6

MADRON SURVEYING, INC. 301 St (575)

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 DAY OF JANUARY 2020

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

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

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 SO0'00'13"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:

20.60 L.F. 1.25 RODS 0.014 ACRES 1485.72 L.F. 2168.77 L.F. NE/4 NW/4 90.04 RODS 1.023 ACRES NW/4 NW/4 131.44 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 SO1'36'21"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 SO0°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

SURVEYOR CERTIFICATE

FIRTHER

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 SO

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,

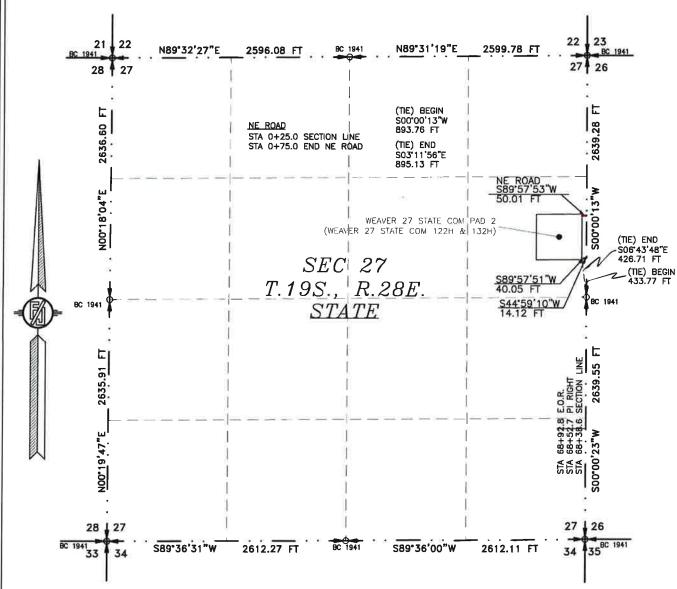
NEW MEXICO, THIS DAY OF JANUARY 2020

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

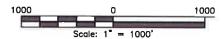
ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 2 (WEAVER 27 STATE COM 122H & 132H)

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

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

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 DAY OF JANUARY 2020

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

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 SOO'00'13"W, A DISTANCE OF

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 SO6'43'48"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 SOO'00'13"W, A DISTANCE OF

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 SO3"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

NEW MEXICO, THIS

INC. (575) 234

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 Survéy.

SHEET: 6-6

MADRON SURVEYING,

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, DAY OF JANUARY 2020

30

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

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1220 S. St. Francis Dr. Santa Fe. NM 87505

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

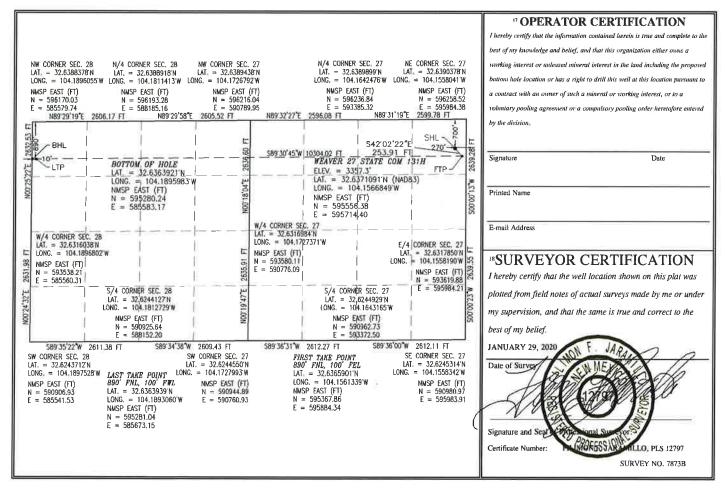
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

Santa Fe, NM 87505

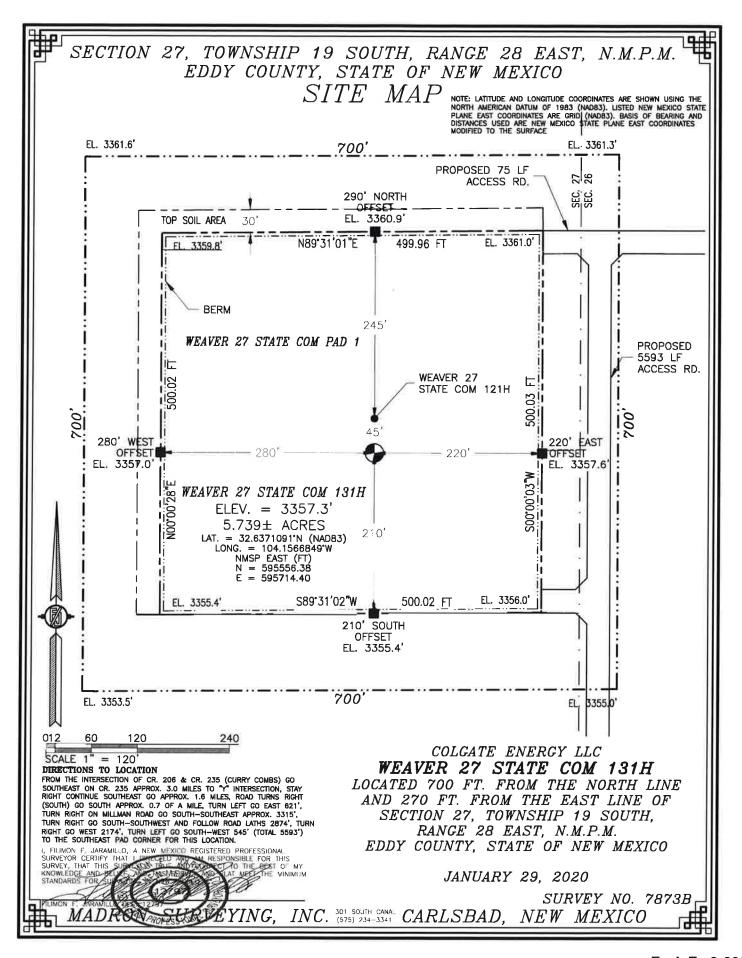
Phone: (505) 476-3460	Fax: (505) 476	5-3462											
		W	ELL LC	CATIO	N AND ACR	EAGE DEDIC	CATION PL	ΑT					
- 1	API Number	г		² Pool Code	ode ³ Pool Name								
⁴ Property (Code				5 Property	6 Well Number							
				W	EAVER 27 ST	ГАТЕ СОМ				131H			
⁷ OGRID I	No.				* Operator	⁹ Elevation							
37144	371449 COLGATE ENERGY LLC									3357.3			
[™] Surface Location													
UL or lot no.	Section	Township Range Lot Idn Feet from the North/South line Feet from the East/West line Cou								County			
A	27	19 S	28 E		700	NORTH	270	EAST EDDY					
		1	" B	ottom Ho	ole Location	If Different Fr	om Surface						
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We	st line	County			
D	28	19 S	28 E		890	NORTH	10	WE	WEST EDDY				
12 Dedicated Acre	s ¹³ Joint	or Infill 14	Consolidation	n Code	15 Order No.								

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

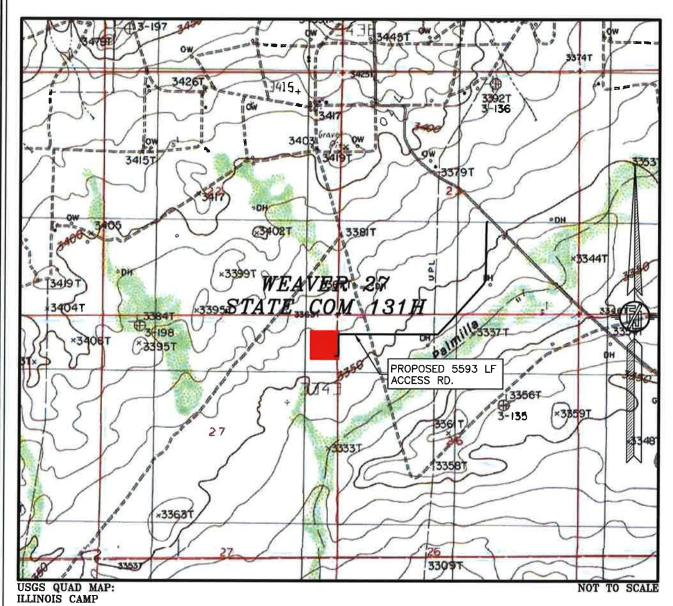


Intent		As Dril	led	J										
API#	rator Nar	ne:				Droi	norty N	lamo					Well Number	
Operator Name: COLGATE ENERGY LLC							perty N		1					
COL	COLGATE ENERGY LLC WEAVER 27 STATE COM									131H				
UL	off Point (Township	Range	Lot	Feet		From N		Feet		From E/W			
A Latitu	27	195	28Ē		700 Longite	uda	NOR	ТН	270		EAST			
Latitu		71091			Longiti		4.15€	6684	9			NAD 83	3	
UL A	Section 27	Township 19S	Range 28E	Lot	Feet 890		From N	ı/s ГН	Feet 100		From E/W E AST	County EDDY		
Latitu	de 32.636	5901			Longitu		.1561	1220				NAD 83	1	
ul D	Section 28	(LTP) Township 19S	Range 28E	Lot	Feet 890		n N/S DRTH	Feet 100		From E/ WEST	W Cou			
Latitud		363939			Longitu							83		
	well the o	defining we	ell for the	Horizo	ontal Spa	acing l	Jnit?]				
pacin	is yes p g Unit.	lease prov	ide API il	availa	able, Ope	erator	· Name	and	well	number	for Def	ining well	for Horizontal	
API#														
Opera	ator Nam	ie:				Prop	erty Na	ame:					Well Number	

KZ 06/29/2018



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

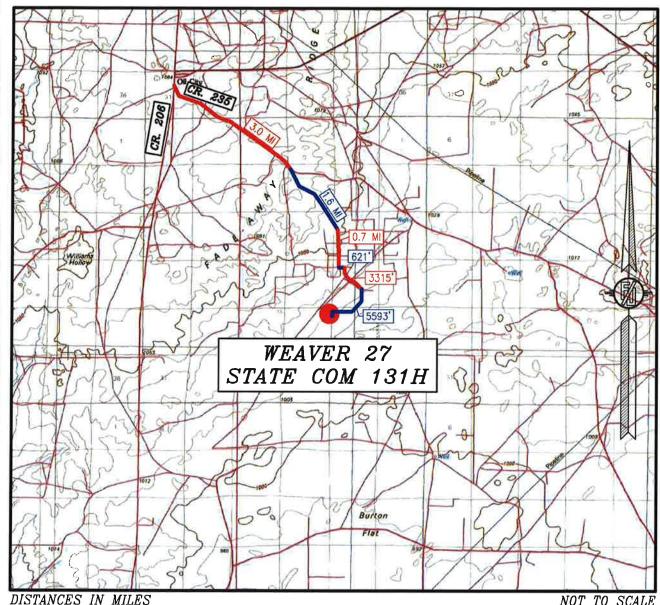


COLGATE ENERGY LLC
WEAVER 27 STATE COM 131H
LOCATED 700 FT. FROM THE NORTH LINE
AND 270 FT. FROM THE EAST LINE OF
SECTION 27, TOWNSHIP 19 SOUTH,
RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

SURVEY NO. 7873B MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO

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



NOT TO SCALE

DIRECTIONS TO LOCATION

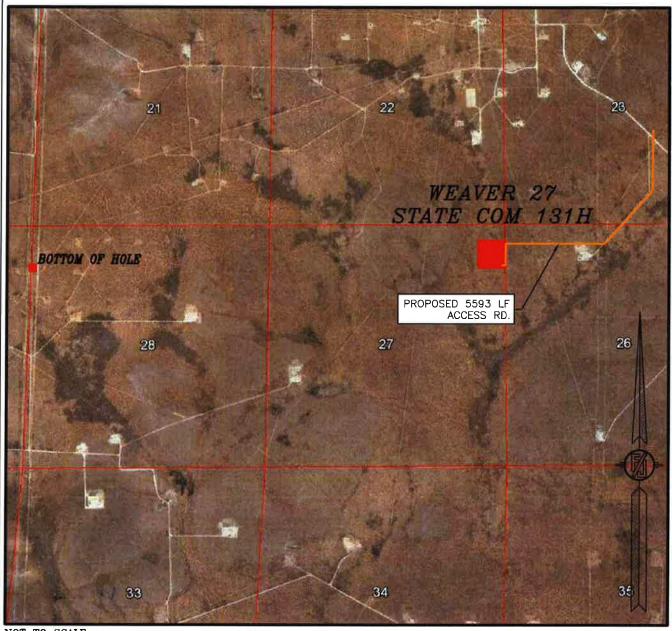
FROM THE INTERSECTION OF CR. 206 & CR. 235 (CURRY COMBS) GO SOUTHEAST ON CR. 235 APPROX. 3.0 MILES TO "Y" INTERSECTION, STAY RIGHT CONTINUE SOUTHEAST GO APPROX. 1.6 MILES, ROAD TURNS RIGHT (SOUTH) GO SOUTH APPROX. 0.7 OF A MILE, TURN LEFT GO EAST 621', TURN RIGHT ON MILLMAN ROAD GO SOUTH-SOUTHEAST APPROX. 3315', TURN RIGHT GO SOUTH—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

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

SURVEY NO. 7873B
MADRON SURVEYING, INC. 301 SOUTH CANAL 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

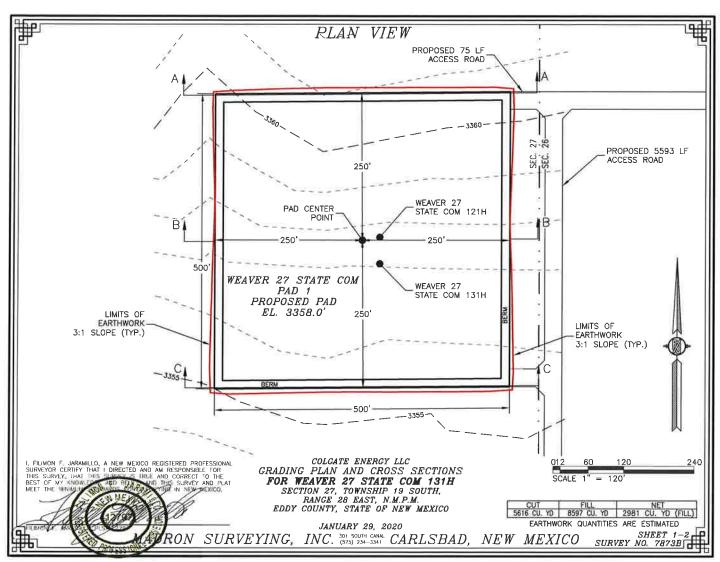


NOT TO SCALE AERIAL PHOTO: GOOGLE EARTH MARCH 2016

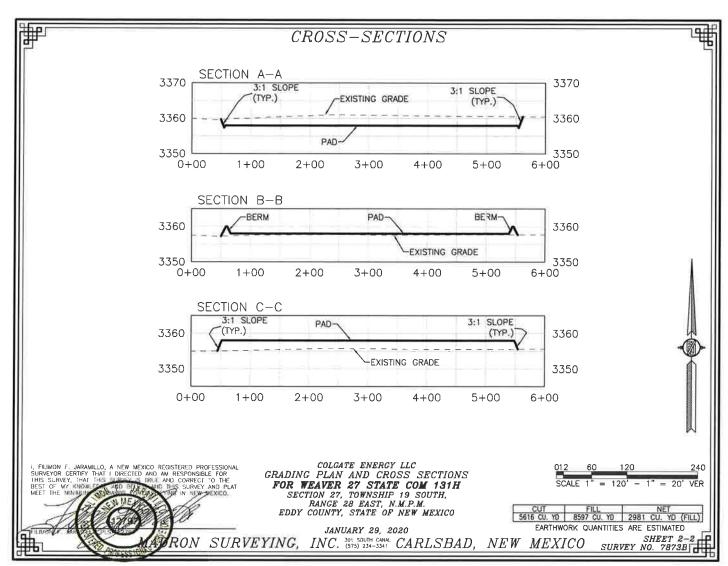
COLGATE ENERGY LLC
WEAVER 27 STATE COM 131H
LOCATED 700 FT. FROM THE NORTH LINE
AND 270 FT. FROM THE EAST LINE OF
SECTION 27, TOWNSHIP 19 SOUTH,
RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 29, 2020

SURVEY NO. 7873B MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO



Ex.A-Ex.3-043

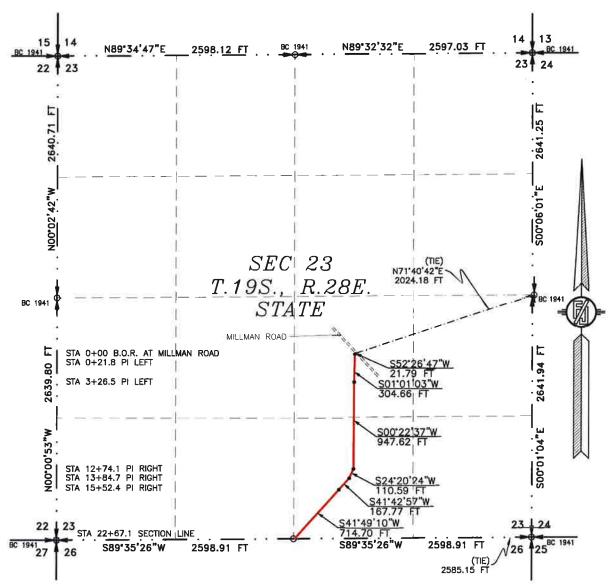


Ex.A-Ex.3-044

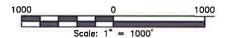
ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 1 (WEAVER 27 STATE COM 121H & 131H)

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,

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

SURVEY NO. 7873B NEW MEXICO

A = x.3 - 0.45

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

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 \$24'20'24"W A DISTANCE OF 110.59 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE \$41'42'57"W A DISTANCE OF 167.77 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE \$41'49'10"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

NEW MEXICO, THIS

INC. 301 50

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,

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.

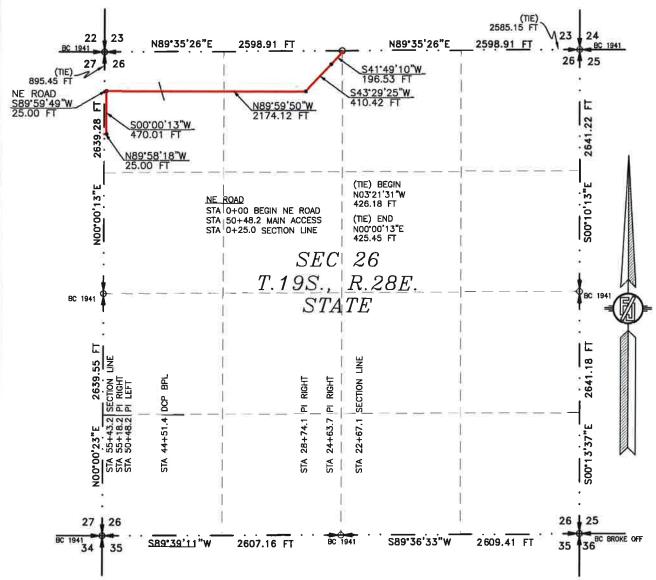
IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, DAY OF JANUARY 2020

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

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

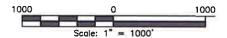
COLGATE ENERGY LLC

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

INC. 301 50



GENERAL NOTES

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

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NADB3) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 3-6

MADRON SURVEYING,

SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT ! 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 NEW MEXICO

A EX 3 04

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 NOO'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 NO3°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 NOO'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

INC. (575) 2

GENERAL NOTES

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

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NADB3) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 4-6

MADRON SURVEYING,

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

HADRON SURVEYING, INC.

301 SOUTH CAHAL

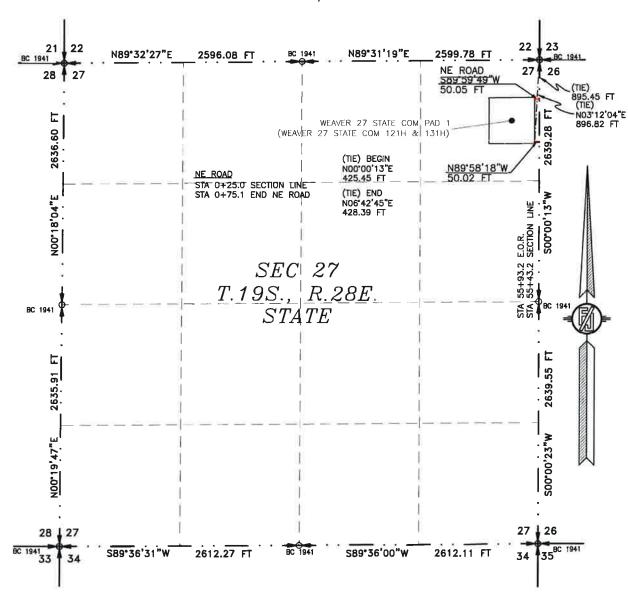
ADRON SURVEYING, INC. 301 SOUTH CAHAL CARLSBAD, NEW MEXICO 88220 Phone (575) 234-3341

SURVEY NO. 7873B NEW MEXICO

VALV O

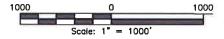
ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 1 (WEAVER 27 STATE COM 121H & 131H)

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

INC. 301 SO (575)



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,

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 DAY OF JANUARY 2020

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

SURVEY NO. 7873B

NEW MEXICO

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 NOO'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 NOO'00'13"E, A DISTANCE OF 425.45 FFFT:

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 NO6'42'45"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

INC.

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,

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

MEDICAL PROPERTY OF THE STATE
301 SOUTH CAHAL CARLSBAD, NEW MEXICO 88220 Phone (575) 234-3341

SURVEY NO. 7873B NEW MEXICO

X X EX 3 0

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, 8t, Francis Dr., Santa Fe, NM 87505

Phone: (505) 476-3460 Fax: (505) 476-3462

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

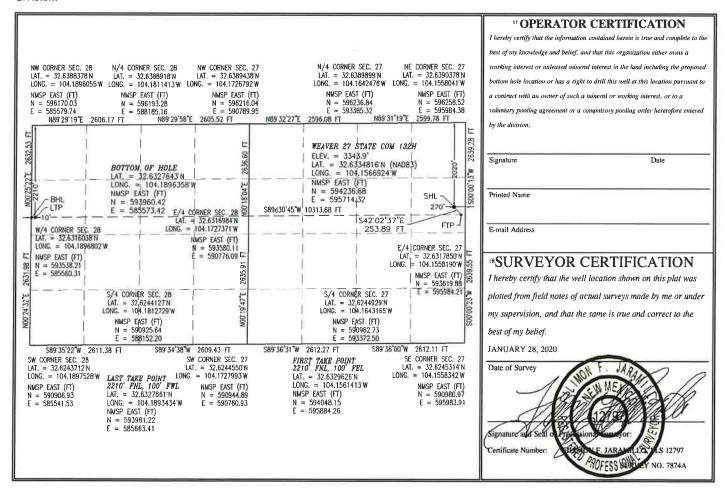
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

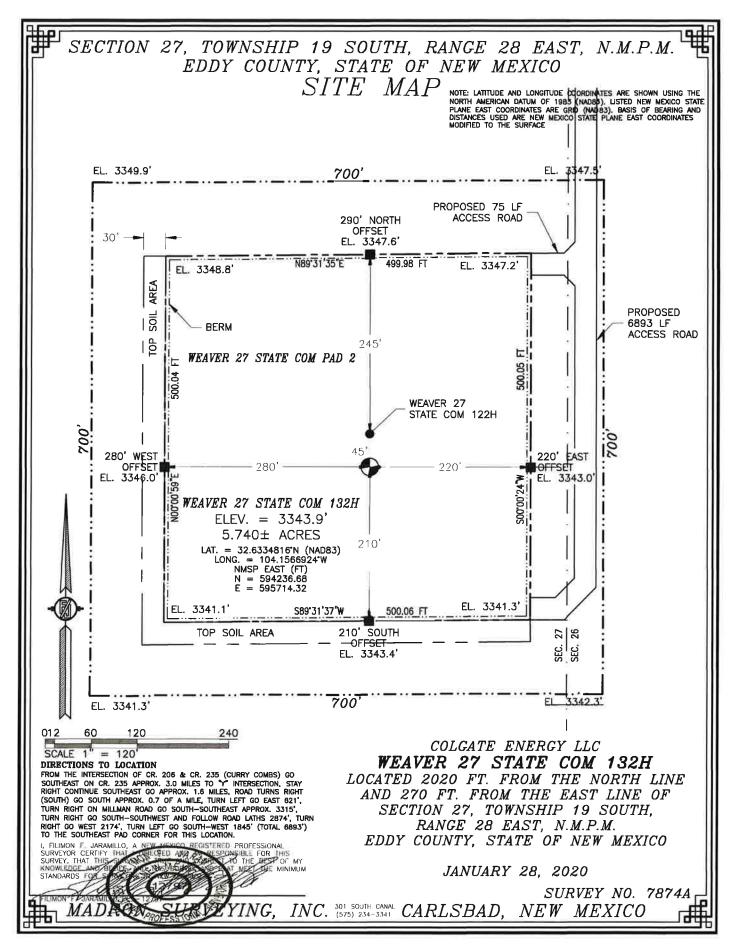
¹ A	PI Number	r		² Pool Cod	e	³ Pool Name							
⁴ Property C	Code				⁵ Property	I	6 Well Number						
⁷ OGRID N	lo.				EAVER 27 S'	132H							
371449)			C	OLGATE EN			3343.9					
					" Surface	e Location							
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line County					
H	27	19 S	28 E		2020	NORTH	270	EAS	EDDY				
			" B	ottom He	ole Location	If Different Fr	om 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		2210	NORTH	10	WES	ST	EDDY			
Dedicated Acres 13 Joint or Infill 14 Consolidation Code					15 Order No.								

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

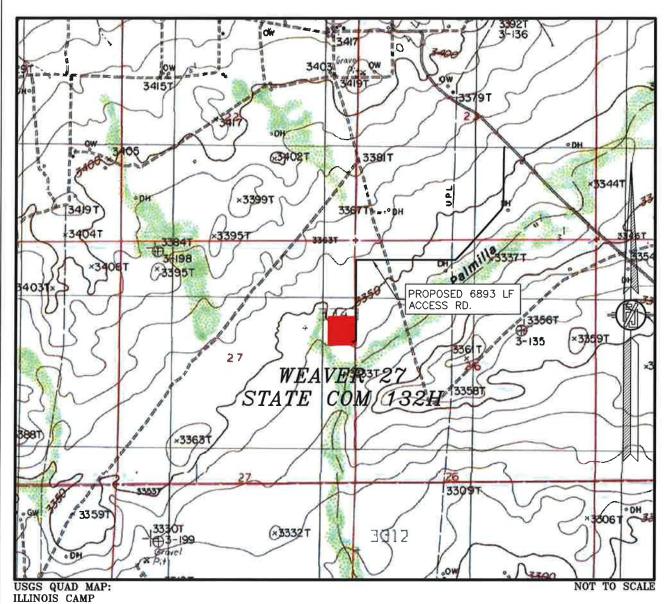


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KZ 06/29/2018





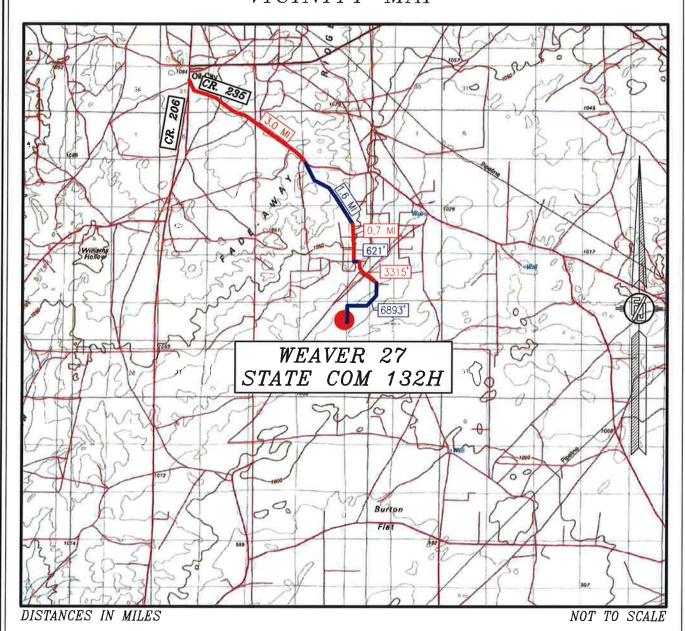


COLGATE ENERGY LLC
WEAVER 27 STATE COM 132H
LOCATED 2020 FT. FROM THE NORTH LINE
AND 270 FT. FROM THE EAST LINE OF
SECTION 27, TOWNSHIP 19 SOUTH,
RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2020

SURVEY NO. 7874A

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



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

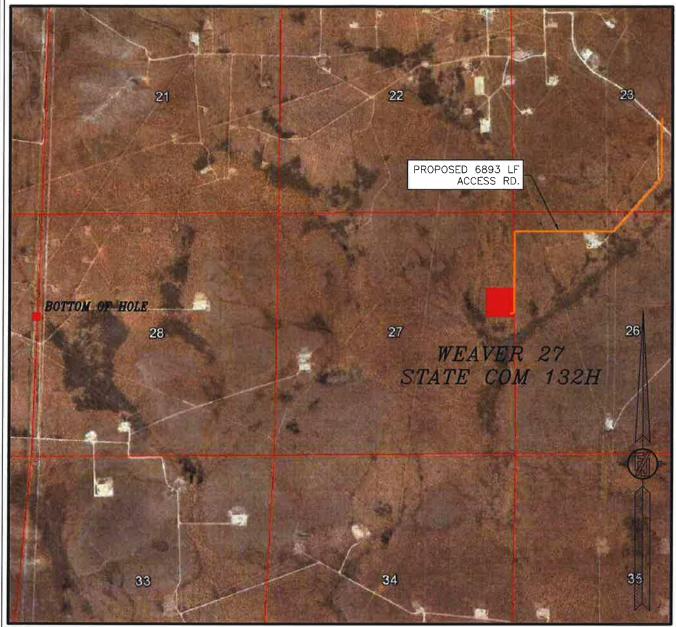
WEAVER 27 STATE COM 132H

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

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

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



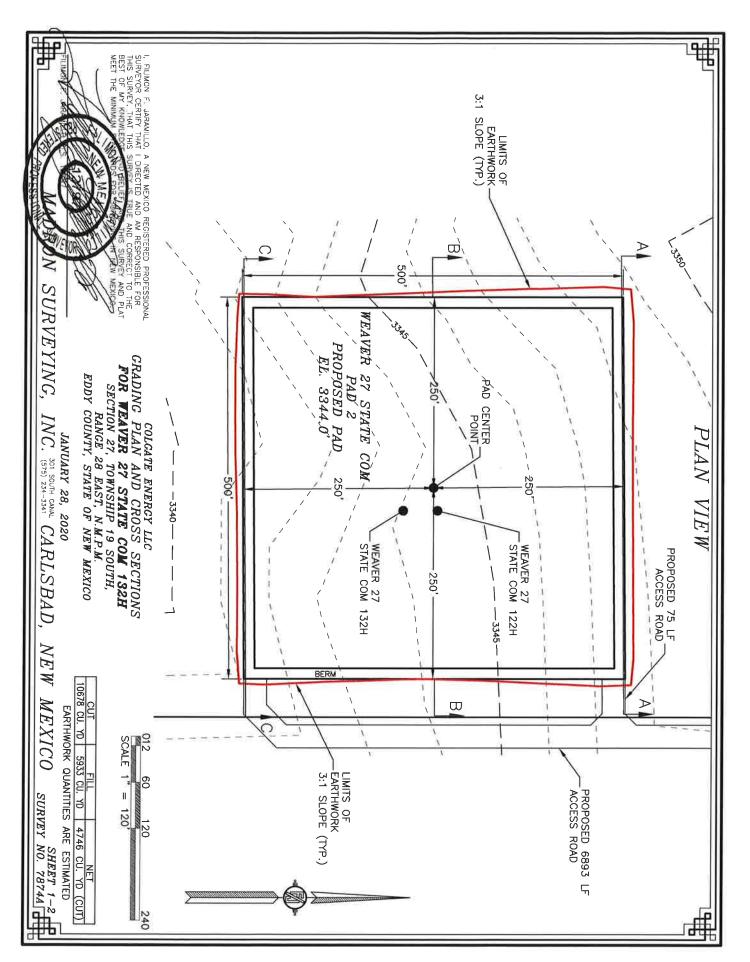
NOT TO SCALE AERIAL PHOTO: GOOGLE EARTH MARCH 2016

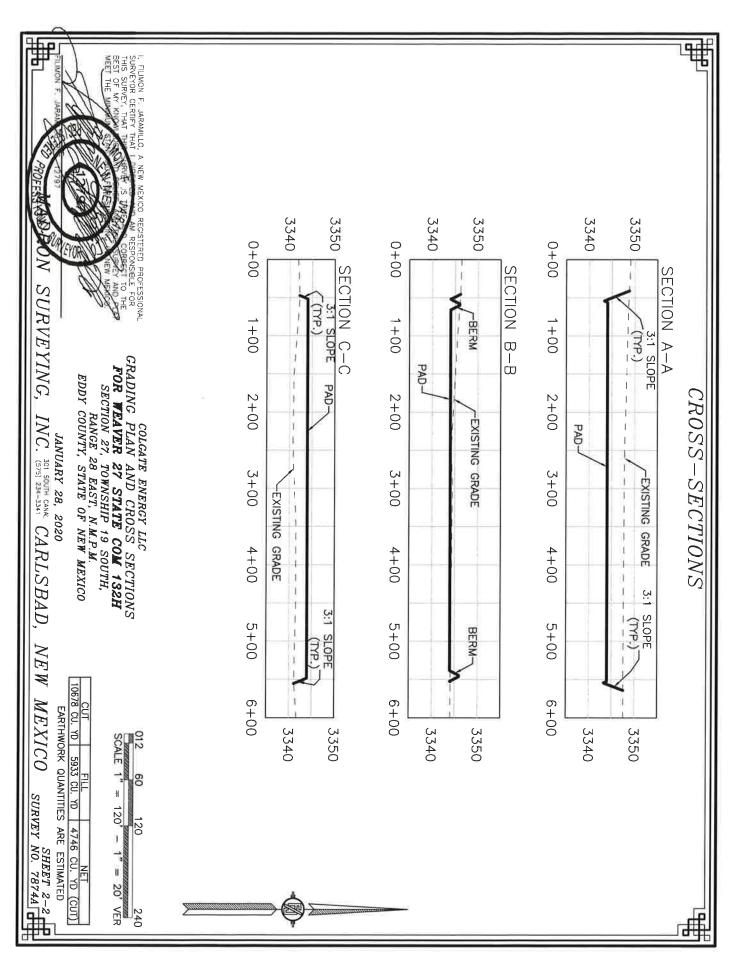
COLGATE ENERGY LLC
WEAVER 27 STATE COM 132H

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

SURVEY NO. 7874A

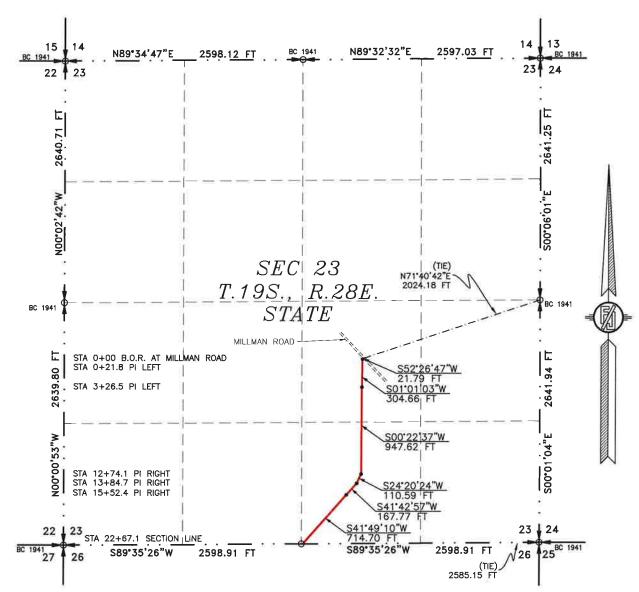




ACCESS ROADS TO THE WEAVER 27 STATE COM PAD 2 (WEAVER 27 STATE COM 122H & 132H)

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 SURVEYING,

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

NEW MEXICO

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

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,

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 $\underline{28}$ DAY OF JANUARY 2020



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

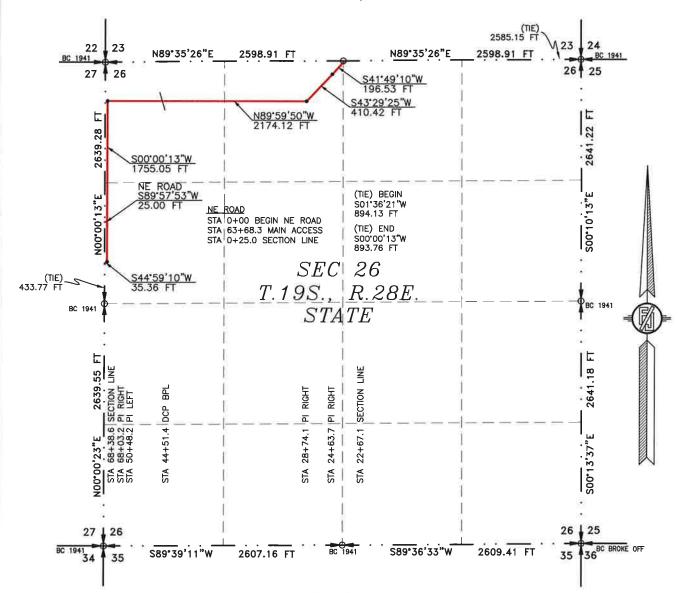
SURVEY NO. 7874A

CA EX 4 061

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

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

FILMION CALLED DES. 273

V.C., (575) 234-1076 DES. 273

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

SURVEY NO. 7874A NEW MEXICO

A FX 4 062

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 FEFT:

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 SOO'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 SO1*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

SURVEYOR CERTIFICATE

INC.

(575) 234

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,

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 $\underline{28}$ DAY OF JANUARY 2020

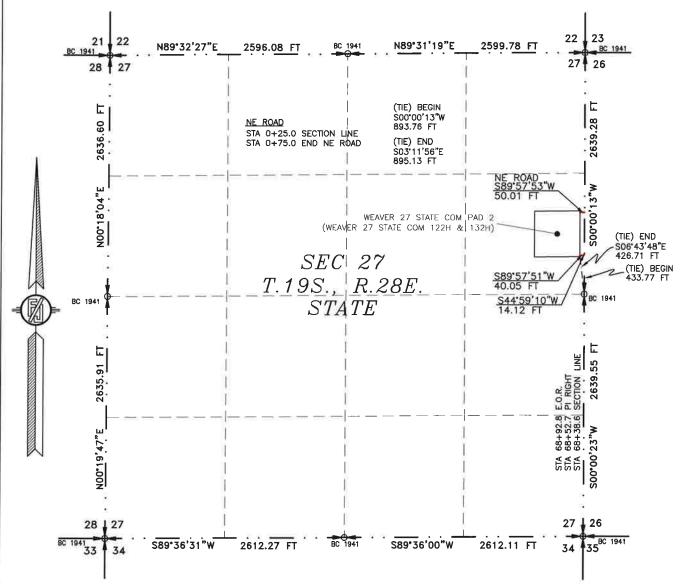
MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO 88220 Phone (575) 234–3341

SURVEY NO. 7874A NEW MEXICO

EX.A EX.4 063

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

ÍNC.



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,

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,

28 NEW MEXICO, THIS DAY OF JANUARY 2020



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

SURVEY NO. 7874A *NEW MEXICO*

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 SOO*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 SOO*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

FILIMON R

INC. 301 SOUTH (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: 6−6

MADRON SURVEYING,

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 NEW MEXICO

EX.A EX.4 06:

		_			_	_										
FORCE POOL INTEREST	Operator		Š	Yes	Yes		Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	
IM	45.04%		10.63%	12.75%	3.99%		4.12%	5.94%	9.38%	3.21%	1.56%	2.91%	%90.0	0.21%	0.21%	
NET	288.24		68.0356	81.6	25.5556		26.38	38	09	20.5556	10	18.6	0.4	1.3144	1.3144	
TRACT	1, 2, 3		1, 2, 3	3	3		1	2	1, 2	2	2	1, 2	2	1	1	
WI OWNER (Weaver)	Colgate Production, LLC		CM Resources, LLC	Oxy USA	WPX		Apache/ZPZ	Fasken Acquisitions 02, Ltd	COG Operating (Marbob & Pitch Energy)	Glenrock Capital, LLC	Crown Oil Partners / Crump Energy Partners	RSC Resources	Nightengale Petroleum Properties	Dale Smith	Ellen Bivins	

640.00 100.00%

30,015,21174	30-015- NENW 15-02308	02305 NWNUE (B.)	NENE (A)	Meritor (D)	NEWN (C)	30-015-4490F	30-015-44901
30-015-223030 30-015-233030 30-015-2348	Tract 3 30-015-02310 30-015-02310 30-015-02310 30-015-02310	:t-3 Swne, 304 (G.)	SVNNE30-015-310555/E (G) (H)	Swww s	10 M	Fract 1	30-012-HWE5-930-H1:
NWSW 5503 (L)	NESW (K)	NWSE (J)	NESE (1)	NWS30-015-23005 NESW	23005 _{NESW}	MWSE 30-015-46	1-0000
SWSW (M)	SEE 30-015-2	0-015-22125 SWSE	30-015-02323 SESE (P)	SWSW (M)	SESW (N)	30-015- SWSE SESE (0)	9E9E A (d)



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. Kvarnicka 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: 2nd 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: 2nd 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: 3rd 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: 3rd 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,
Missayla
Mark Hajdik Senior Landman
MH Enclosures
Well Elections
I/We hereby elect to participate in the Weaver 27 State Com 121HI/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 122HI/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 131HI/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 132HI/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 123HI/We hereby elect NOT to participate in the Weaver 27 State Com 123H.

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

		E OF COSTS AND AUTHO	DRIZATION FOR EXPEND		
DATE:	10/28/2019 Wanter 27 State Com	12111		AFE NO.:	0
WELL NAME: LOCATION:	Weaver 27 State Com	121H		FIELD:	0 17179 / 7425
LOCATION: COUNTY/STATE:	Eddy			MD/TVD:	9,427
Colgate WI:	Eddy			DRILLING DAYS:	29
GEOLOGIC TARGET:	2nd Bone Spring			COMPLETION DAYS:	17
GEOLOGIC TARGET:	Zitu Bolle Spring			COMPLETION DATS:	17
REMARKS:	Drill and Complete 63	stages in the 2nd Bone S	Spring formation, AFE in	cludes D&C, flowback & i	nitial ESP install
INTANGIBLI	COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
Land/Legal/Regulatory	CO313	\$ 35,000	5	5	\$ 35,000
2 Location, Surveys & Dam	ages	220,000	13,000	- 4,000	237,000
4 Freight / Transportation		25,000	53,200		78,250
5 Rental - Surface Equipme		103,721	207,600	12,000	323,321
6 Rental - Downhole Equip 7 Rental - Living Ouarters	ment	129,831 57,238	50,000 44,900	-10,000	179,831
10 Directional Drilling, Su	veya	286,100	14,700	11,000	286,100
11 Drilling	,	812,587			812,587
12 Drill Bits		106,000			106,000
13 Fuel & Power		167,173	172,500		639,975
14 Cementing & Float Equi 16 Perforating, Wireline, SI		180,000	159,100	20,000	180,000
17 High Pressure Pump Tri			10,000	20,000	175,700
8 Completion Unit, Swab,			70,000	10,500	86,500
0 Mud Circulation System		86,790	5	75.75555	86,/30
21 Mud Logging		23,100	2000000		23,100
22 Logging / Formation Eva	luation	11,150	8,000		22,450
3 Mud & Chemicals 4 Water		271,797	801,741		715,897 830,244
25 Stimulation		23,500	2,079,000		2,079,000
26 Stimulation Flowback &	Disp		113,000		133,000
28 Mud/Wastewater Dispo		101,375	221,000		325,375
30 Rig Supervision / Engine		128,470	81,800	8,000	221,2/0
32 Drlg & Completion Ove	rhead	10,875			10,875
35 Labor 35 Insurance		30,922	12,500	10,000	163,500 30,922
97 Contingency		296,017	113,799	8,050	717,866
39 Plugging & Abandonme	nt	230,017	115,777	0,000	717,000
88 6	TOTAL INTANGIBLE	5 > 3,256,188	5,591,293	88,550	8,936,031
		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE	COSTS	COSTS	COSTS	COSTS	COSTS
O Surface Casing		\$ \$5,034	\$	\$	\$ 15,034
ol Intermediate Casing		89,148			89,448
52 Drilling Liner					
53 Production Casing 54 Production Liner		279,846			279,846
i5 Tubing		·		60,618	50,648
i6 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 Equipmen				95,000	95,000
73 Compressor				30,000	
74 Installation Costs				67,000	67,000
75 Surface Pumps					
6 Downhole Pumps					31
7 Measurement & Meter I		-		.)	_
78 Gas Conditioning/Dehy 79 Interconnecting Facility :					
0 Gathering / Bulk Lines	· · · · · · · · ·				
1 Valves, Dumps, Controll	era		-	*	,
2 Tank / Facility Containm	ent			- 5	
3 Flare Stack		÷			
4 Electrical / Grounding					
15 Communications / SCAE 16 Instrumentation / Safety			-		
o mon autentation, ourcey	TOTAL TANGIBLES	> 487,327		502,648	989,975
	TOTAL COSTS		5,591,293	591,198	9,926,007
		-3,3,			-,,
PARED BY Colgate Ener	gy:				
Drilling Enginee	r: Rafael Madrid				
Completions Enginee			CRM		
Production Enginee					
	,				
ite Energy APPROVAL					
Co-CE	0	Co-Cl	EO	VP - Operation	ns
	WH		JW		CRM
VP - Land & Lege	il	VP - Geoscieno	ces		
	BG		SO		
	ER APPROVAL;				
OPERATING PARTN					
Automatical constitution of	-		Working Interest (#)	T Y	D.
Company Name	•		Working Interest (%):	Tax I	D:
Company Name			Working Interest (%):	Tax I	D:
Company Name	# <u> </u>		257		D: No (mark one)

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

-	00.0000	 	A TOTAL TOTAL	EVDENITITIDE

		OF COSTS AND AUTH	ORIZATION FOR EXPEND		
DATE:	10/28/2019	2211		AFE NO.:	0
WELL NAME: LOCATION:	Weaver 27 State Com 1 NM	2211		FIELD:	0
LOCATION: COUNTY/STATE;	Eddy			MD/TVD: LATERAL LENGTH:	17209 / 7455 9,427
	0.00%				29
Colgate WI: GEOLOGIC TARGET:	2nd Bone Spring			ORILLING DAYS:	17
GEOLOGIC TARGET:	2па воле эргін <u>д</u>			COMPLETION DAYS:	
REMARKS:	Drill and Complete 63 s	stages in the 2nd Bone S	Spring formation AFE in	cludes D&C, flowback &	initial ESP install,
INTANGIBLE	COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
T Land/Legal/Regulatory	-	\$ 35,000	5	5	5 35,000
2 Location, Surveys & Dama	ges	220,000	13,000	4,000	237,000
4 Freight / Transportation 5 Kental - Surface Equipmer	nt	25,000	207,600	12,000	78,250 323,321
6 Kental - Downhole Equips		129,831	50,000	- Leading .	179,831
7 Rental - Living Quarters		57,238	44,900	10,000	112,138
10 Directional Drilling, Surv	eys	286,100			286,100
11 Drilling 12 Drill Bits		812,587			812,587 106,000
13 Fuel & Power		106,000	472,500		639,975
14 Cementing & Float Equip	•	180,000			180,000
16 Perforating, Wireline, Stie			459,100	20,000	479,100
17 High Pressure Pump True		* **	10,000	1	10,000
18 Completion Unit, Swab, G	בוט		70,000	16,500	86,500
20 Mud Circulation System 21 Mud Logging		86,730 25,100			86,730 23,T00
22 Logging / Formation Eval	uation	14,450	8,000		22,150
23 Mud & Chemicals		272,097	444,100		716,197
24 Waler		25,500	804,744		830,244
25 Stimulation			2,079,000		2,079,000
26 Stimulation Flowback & 1 28 Mud / Wastewater Dispos		201.24	147,000		143,000
30 Rig Supervision / Engine		104,375	221,000 84,800	8,000	325,375 221,270
32 Drlg & Completion Overl		10.875	04,000		10,875
35 Labor		141,000	12,500	10,000	163,500
95 Insurance		30,976	-		30,976
97 Contingency	27	296,052	113,799	8,050	717,902
99 Plugging & Abandonmen	TOTAL INTANGIBLES:	> 3,256,577	5 501 202	88,550	8,936,427
	TOTAL INTANGIBLES	DRILLING	5,591,293 COMPLETION	PRODUCTION	8,936,421 TOTAL
TANGIBLE C	OSTS	COSTS	COSTS	COSTS	COSTS
60 Surface Casing		5 15,034	5	5	\$ 15,034
61 Intermediate Casing		89,448			89,448
62 Drilling Liner 63 Production Casing					
64 Production Liner		280,335			280,335
65 Tubing				60,618	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		7/		-	-
76 Downhole Pumps	0.000	*			
77 Measurement & Meter Inc 78 Gas Conditioning / Dehyo					
79 Interconnecting Facility P					
80 Gathering / Bulk Lines					-
81 Valves, Dumps, Controlle	18				
82 Tank / Facility Containme	nt				
83 Flare Stack					- 32
84 Electrical / Grounding					
85 Communications / SCAD/ 86 Instrumentation / Safety	3				
oo mon anicimation, ource,	TOTAL TANGIBLES	487,816	- 0	502,648	990,464
	TOTAL COSTS		5,591,293	591,198	9,926,885
EPARED BY Colgate Energ	gy:				
Drilling Engineer	: Rafael Madrid				
Completions Engineer			CRM		
Production Engineer					
THE PERSON APPROVED					
gate Energy APPROVAL:					
Co-CEC		Co-C		VP - Operat	ions
	WH		JW		CRM
VP - Land & Legal	BG	VP - Geoscien	SO		
N OPERATING PARTNE	R APPROVAL:				
N OPERATING PARTNE			Working Interest (%)	Tax	ID:
Company Name	-	÷	Working Interest (%)	Tax	ID:
	-		Working Interest (%)	Tax	ID:
Company Name	-			Yes	ID:

Ex.A-Ex.14-144

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
PER () PE()	-			-	
REMARKS:	Drill and Complete 6			icludes D&C, flowback & i	
INTANGIBLE	COSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL COSTS
TLand/Legal/Regulatory		\$ 35,000	5	5	\$ 35,000
2 Location, Surveys & Dama	iges	220,000	13,000	4,000	237,000
4 Freight / Transportation 5 Rental - Surface Equipmen		25,000	53,/50		78,750
6 Rental - Downhole Equip		106,863	209,400	12,000	328,263
7 Rental - Living Quarters		58,788	45,700	10,000	114,488
10 Directional Drilling, Sur	/eys	294,300		-	294,300
11 Drilling		835,330			835,330
12 Drill Bits 13 Fuel & Power		106,000	472,500		106,000
14 Cementing & Float Equip	1	173,250	472,300		645,750 180,000
16 Pertorating, Wireline, Sli			459,100	20,000	479,100
17 High Pressure Pump True		-7.4	10,000		10,000
18 Completion Unit, Swab,	Ct'u		140,000	16,500	T56,500
20 Mud Circulation System		88,605			88,605
21 Mud Logging 22 Logging / Formation Eval	ustion	21,810			21,810
23 Mud & Chemicals		2/1,8/2	464,100		735,972
24 Water		25,500	804,744		830,241
25 Stimulation			2,079,000		2,079,000
26 Stimulation Flowback &		15 EST.	152,000		152,000
28 Mud / Wastewater Disport 30 Rig Supervision / Engine		104,375	221,000	8,000	325,375 228,900
32 Drlg & Completion Over		11,250	80,000	6,000	11,250
35 Labor		141,000	12,500	10,000	163,500
95 Insurance		52,983			32,983
97 Contingency		302,090	425,329	8,050	/35,469
99 Plugging & Abandonmer	t TOTAL INTANGIBLE	S > 3,322,986	5,718,123	88,550	9,129,660
	1011121111121011111	DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE C	OSTS	COSTS	COSTS	COSTS	COSTS
60 Surface Casing		S 15,034	5	5	\$ 15,031
61 Intermediate Casing		225,348			225,348
62 Drilling Liner 63 Production Casing		298,498			298,498
64 Production Liner		270,170			270,470
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 70 Flow Lines				125,000	125,000
71 Rod string		-		(8)	
72 Artificial Lift Equipment				95,000	95,000
73 Compressor					
74 Installation Costs				67,000	67,000
75 Surface Pumps 76 Downhole Pumps			/	3.82	
77 Measurement & Meter Inc	stallation				
78 Gas Conditioning / Dehyo					· · · · · · · ·
79 Interconnecting Facility P.	íping				7
80 Gathering / Bulk Lines					
61 Valves, Dumps, Controlle					
82 Tank / Facility Containme 83 Flare Stack	nt			-	
84 Electrical / Grounding					
85 Communications / SCAD	A				-
86 Instrumentation / Safety				507	-
	TOTAL TANGIBLES	S > 641,879	- 0	502,648	1,144,527
	TOTAL COSTS	S > 3,964,866	5,718,123	591,198	10,274,187
77.250 Service 2000 2000	V(0)				
EPARED BY Colgate Energ	59:				
Drilling Engineer					
Completions Engineer			CRM		
Production Engineer	Brady Adams				
gate Energy APPROVAL:					
C. ODG			P.O.		
Co-CEC	WH	Co-C	IW IW	VP - Operati	CRM
VP - Land & Legal		VP - Geoscien			
	BG		SO		
N OPERATING PARTNE	R APPROVAL:				
Company Name:			Working Interest (%):	Tax	ID-
			. rorming innerest (a).	Tax	
Signed by:			Date:		
Title			Approval:	Yes	No (mark one)
strending At 5, we retain streaming and some and be an	marked consequences and the larger speed to appe	noted coulot the propert. Talling middleson appe	or and synthetic and some Table with section of the pro-	on all the best that be the property in researching the	to APE, the Postingram agrees regards

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.: WELL NAME: Weaver 27 State Com 132H FIELD: 0 LOCATION: NM MD/FVD: 18364 / 8610 COUNTY/STATE: Eddy LATERAL LENGTH: 9,427 Colgate WI: DRILLING DAYS: 30 GEOLOGIC TARGET: 3rd Bone Spring COMPLETION DAYS: REMARKS: Drill and Complete 63 stages in the 3rd Bone Spring formation, AFE includes D&C, flowback & initial ESP install, COMPLETION DRILLING PRODUCTION TOTAL INTANGIBLE COSTS T Land/Legal/Regulatory 1,000 2 Location, Surveys & Damages 220,000 13,000 237,000 4 Freight / Transportation 5 Rental - Surface Equipment 25,000 53,750 209,100 12,000 106,863 328,263 6 Rental - Downhole Equipment 111,171 60.000 204.1/1 7 Rental - Living Quarters 45,/00 10 Directional Drilling, Surveys 294,300 294.300 11 Drilling 12 Drill Bits 835,330 106,000 106,000 13 Fuel & Power 173.250 172,500 645,750 180,000 14 Cementing & Float Equip 16 Perforating, Wireline, Slickline 17 High Pressure Pump Truck 18 Completion Unit, Swab, CTU 20 Mud Circulation System 159,100 200.000 479.700 140,000 16,500 156,500 88 605 88.605 21 Mud Logging 21,810 21,810 22 Logging / Formation Evaluation 23 Mud & Chemicals 24 Water 11 900 8 000 19 90D Z5,500 801,711 830.211 25 Stimulation 2,079,000 152,000 2,079,000 152,000 26 Stimulation Flowback & Disp 28 Mud/Wastewater Disposal 30 Rig Supervision/Engineering 32 Drlg & Completion Overhead 104,375 221,000 325.375 11,250 11.250 35 Labor 95 Insurance 111,000 12,500 10,000 23,055 33,055 97 Contingency 99 Plugging & Abandonment 902,137 125,329 8,050 /35,516 TOTAL INTANGIBLES > 3,323,506 5,718,123 88,550 9,130,179 DRILLING COMPLETION PRODUCTION COSTS TOTAL COSTS COSTS COSTS TANGIBLE COSTS 60 Surface Casing 61 Intermediate Casing 225,348 225,348 62 Drilling Liner 63 Production Casing 299.150 299,150 64 Production Lines 65 Tubing 60,648 60,648 66 Wellhead 77.UDU 75,000 152,000 67 Packers, Liner Hangers 26,000 80,000 68 Tanks 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 75 Surface Pumps 76 Downhole Pumps 77 Measurement & Meter Installation 78 Gas Conditioning / Dehydralion 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 > 642,531 502,648 1,145,179 TOTAL COSTS > 3,966,037 5,718,123 591,198 10,275,358 PREPARED BY Colgate Energy: Drilling Engineer: Rafael Madrid Completions Engineer: Brady Adams CRM Production Engineer: Brady Adams Colgate Energy APPROVAL: Co-CEO Co-CEO VP - Operations VP - Geosciences VP - Land & Legal NON OPERATING PARTNER APPROVAL: Company Name: Working Interest (%): Tax ID: Signed by: Dates Approvat: _____Yes No (mark one)

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

DATE		OF COSTS AND AUTH	HORIZATION FOR EXPEN		
DATE: WELL NAME:	8/5/2020 Weaver 27 State Com 13	1701		AFE NO,:	0
LOCATION:	Parkway	2417		MD/TVD:	inchester, Bone Spring
COUNTY/STATE:	Eddy			LATERAL LENGTH:	18364 / 8610 9,427
Colgate WI:				DRILLING DAYS:	23,25
GEOLOGIC TARGET:	3rd Bone Spring			COMPLETION DAYS:	16
REMARKS	Drill and Complete 63 st	ages in the 3rd Bone!	Spring formation. AFE in	cludes D&C, flowback & i	nitial ESP install,
INTANGIBLE	one re	DRILLING COSTS	COMPLETION	PRODUCTION COSTS	TOTAL COSTS
1 Land/Legal/Regulatory	.0315	15,000	5	COSTS	\$ 15,000
2 Lucation, Surveys & Damage	et	150,000	17,000	10,000	173,000
4 Freight/Transportation		55,300	Mc750		92,250
5 Renta) - Surface Equipment		62,354	150,150	4,640	217,144
6 Rental - Downhole Equipme 7 Rental - Living Quarters	enr	58,799 38,383	45,700	5,200	124,799
10 Directional Drilling, Surve	уя	237,200	44/100	3,2001	237,200
11 Drilling		321,397			321,597
12 Drill Blte		112,500			112,500
13 Fuel & Power 14 Cementing & Float Equip		75,679 156,000	211000		285,679
16 Perforating, Wireline, Slick	line	133,000	260,750	8,000	V55,000 268,750
17 High Pressure Pump Truck		-	10,000	10,000	10,000
18 Completion Unit, Swab, CT	יט		150,000	12,040	162,840
20 Mud Circulation System 21 Mud Logging		91,730			91,730
22 Logging / Formation Evalua	ition	21,725 8,296	8,000		21,725 16,296
23 Mud & Chemicals		106,356	308,000		414,356
24 Water		28,426	543,228		571,654
25 Stimulation			720,000		720,000
26 Stimulation Flowback & DI 28 Mud / Waslewaler Disposal		96,938	94,000° 73,000°		91,000
30 Rig Supervision / Engineeri		168,322	79,600	9,800	197,722
32 Drig & Completion Overhe		8,719	* 330003	- Anna	8,719
35 Labor		168,500	30,500	10,000	149,000
54 Proppant 95 Insurance		Trans.	490,676		490,676
97 Contingency		106,302	159,333	5,968	271,602
99 Plugging & Abandonment		100,000	1002355	3,789	271,102
	TOTAL INTANGIBLES >	2,212,334	3,436,986	65,648	5,736,968
PARLIED P		DRILLING	COMPLETION	PRODUCTION	TOTAL
TANGIBLE CO	3(3	COSTS	COSTS	COSTS	COSTS
51 Intermediate Casing	,	69,726			(0,726
i2 Drilling Liner	,	741			
33 Production Caring		254,308			254,308
54 Production Liner 55 Tubing		-	¥	42702	
i6 Wellhead		64,000		36,356	36,356
57 Packers, Liner Hangers	•	22,000		730	25,500
8 Tanks		7		-	
9 Production Vessels					-
O Flow Lines I Rod string	,				
'2 Artificial Lift Equipment				80,000	80,000
3 Compressor					
4 Installation Costs		- 70		33,000	15,000
5 Surface Pumps				5,000	5,000
6 Downhole Pumps 7 Measurement & Meter Instal	llation			1,950	C958
8 Gas Conditioning / Dehydra					
9 Interconnecting Facility Pipi					
O Gathering / Bulk Lines				-	
1 Valves, Dumps, Controllers 2 Tank / Facility Containment	1			==	
2 Fank / Facility Containment 3 Flare Stack	(0				
4 Electrical / Grounding				60,200	60,000
5 Communications / SCAUA	20-				- 10,000
6 Instrumentation / Safety					
	TOTAL TANGIBLES >	419,623	0	273,706	693,329
	TOTAL COSTS >	2,651,957	3,438,986	339,384	6,430,297
ARED BY Colgate Energy:					
Drilling Engineer:	Steven Segrest				
Completions Engineer:	Brady Adams		CRM		
Production Engineer:	Levi Harris				
te Energy APPROVAL:					
Co-CEO		Co-Ci	EO	VP - Operatio	माक
S=	WH		IW	-,	CRM
VP - Lond A Legal		VP Grunneno			
	HG.		50		
OPERATING PARTNER	APPROVAL:				
Сипрану Малис			Working Interest (%):	Tax I	D
_			THE PROPERTY OF THE PARTY OF TH	197.1	
Signed by			Dates		
_			-		
Title			Approval	Yes	No (markone)
on MF are educated and a series of a composite	taking a se garana a fesselva	entry and they are the agent	of mining of long in About 19 or a ring i	the district the depth of the throught	of B. the Control and Agreed to a school of the

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

	ESTIMAT				
DATE	8/5/2020			AFE NO.:	0
WELL NAME: LOCATION:	Weaver 27 State Com Parkway	13111			Winchester, Bone Spring
COUNTY/STATE:	Eddy	_		MD/FVD:_ LATERAL LENGTH:	18324 / 8570 9,427
Colgate WI:	Sucy			DRILLING DAYS:	23,25
GEOLOGIC TARGET:	3rd Bone Spring			COMPLETION DAYS:	16
	GHAD BHD BY AD				
REMARKS	Drill and Complete 63	stages in the 3rd Bone S	pring formation. AFE inc	ludes D&C, flowback &	c initial ESP install.
INTANGIBLE	COSTS	DRILLING COSTS	COMPLETION	PRODUCTION COSTS	TOTAL COSTS
1 Land/Legal/Regulatory	COSTS	\$ 35,000	3	5	5 15,000
2 Location, Surveys & Dame	iges	150,000	13,000	10,000	173,000
4 Freight / Transportation		25,500	36,750		92,250
5 Rental - Surface Equipment 6 Rental - Downhole Equips		68,790	150,750	·l,640	217, 144
7 Rental - Living Quarters	nent	34,383	56,000 45,700	5,200	124,799 89,183
10 Directional Drilling, Sur	/eys	217,200		1,500	237,200
13 Drilling		521,597			521,397
12 Drill Bits 13 Fuel & Power		112,500	\$160,000		112,500
14 Cementing & Float Equip	•	75,679	310,000		285,679 155,000
16 Perforating, Wireline, Sli		-	260,750	8,000	268,750
17 High Pressure Pump Tru		l'a	10,000		10.000
18 Completion Unit, Swab, 9 20 Mud Circulation System	210	91,730	130,000	12,010	162,040
20 Mud Circulation System 21 Mud Logging		91,730			91,730 21,725
22 Logging / Formation Eval	uation	8,296	8,000		16,296
23 Mud & Chemicals		106,356	300,000		114,356
24 Water		28,126	543,228		571,654
25 Stimulation 26 Stimulation Flowback &	Dlag		720,000 94,000		720,000 94,000
28 Mud/Wastewater Diapor		96,938	73,000		169,938
30 Rig Supervision / Engine	ering	108,322	79,600	9,800	197,722
32 Drig & Completion Over	read	8,719			8,719
35 Labor 54 Proppani		108,500	30,500 490,676	10,000	149,000
95 Insurance		34,810	490,670		34,810
97 Contingency		106,302	159,333	5,968	271,602
99 Plugging & Abandonmen					•
	TOTAL INTANGIBLES		3,438,986	65,648	5,736,968
TANGIBLE	OSTS	DRILLING COSTS	COMPLETION COSTS	PRODUCTION COSTS	TOTAL
60 Surface Casing		5 9,390	3	3	\$ 9,590
51 Intermediate Casing 52 Drilling Liner		69,726			69,726
i3 Production Casing		251,3(18)			254,308
64 Production Lines					
55 Tubing		- A		V6,756	36,356
66 Wellhead		64,000		18,900	112,900
i7 Packers, Liner Hangers i8 Tanks		22,000	-	7,300	25,500
69 Production Vessels					
70 Flow Lines		·			
A Rod string					
⁷ 2 Artificial Lift Equipment ⁷ 3 Compressor				.80,000	80,000
4 Installation Costs			-	35,000	35,000
3 Surface Pumps		-		5,000	5,000
6 Downhole Pumps				4,950	1,950
7 Measurement & Meter Ins 8 Gas Conditioning / Dehyd					-
'8 Gas Conditioning / Dehyd '9 Interconnecting Facility Pi				-	
O Gathering / Bulk Lines	rb			341	
1 Valves, Dumps, Controlle					
2 Tank / Facility Containme	t t				
J Flare Stack 4 Flechtical / Grounding				60,000	200000
4 FIRCHTAL/Grounding 5 Communications/SCAD/				60,000	60,000
6 Instrumentation / Safety			-		
	TOTAL TANGIBLES		0	273,706	693,329
	TOTAL COSTS	> 2,651,957	3,438,986	339,354	6,430,297
'ARED BY Colgate Energ	.v				
Drilling Engineer:	Steven Segrest				
Completions Engineer:			CRM		
Production Engineer:	Levi Harris				
te Energy APPROVAL:					
Co CEO		CurCE		VP - Opryd	Тюлу
	WH		100		rRM
		VP - Gerstiene	44		
VP - Laml & Legal	BG:		40		
VP - Land & Logal					
∀P - Land & Legal					
	R APPROVAL:				
OPERATING PARTNE	R APPROVAL:		Working Internal (%)	Ta	x ID
OPERATING PARTNEI Company Name.	R APPROVAL:		Working Interest (%)	Ta	x ID
OPERATING PARTNE	R APPROVAL:		Working Interest (%)	Ta	x ID
OPERATING PARTNEI Company Name	R APPROVAL:				× Ifi

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DATE	8/5/2020	E OF COSTS AND AUTHO			
		(21)		AFE NO.:	0
WELL NAME:	Weaver 27 State Com	1204			nchester; 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 S	oring formation, APE inc	cludes D&C, flowback & in	nitial ESP instalL
INTANGIBL	costs	DRILLING	COMPLETION	PRODUCTION	TOTAL
Land/Legal/Regulatory		\$ \$5,000	\$	5	\$ 35,000
Lecation, Surveys & Dam	ages	150,000	13,000	10,000	173,000
Preight/Transportation		55,500	36,750		92,250
Kental - Surface Equipme		55,800	150,450	4,640	210,890
i Rental - Downhole Equip Rental - Living Quarters	ment	68,799	56,000		124,799
O Directional Drilling, Sur	hanne.	35,546 188,350	15,700	5,200	86,446
1 Drilling	vey.	475,824			188,350
2 Drill Bits		81,000			81,000
3 Fuel & Power		67,053	210,000		277,053
4 Concetting & Float Equip		155,000	The state of the s		155,000
6 Perforating, Wireline, St.			260,730	8,000	268,750
7 High Pressure Pounp Tru			10,000		10,000
B Completion Unit, Swab, O Mud Circulation System		avin	150,000	12,040	162,040
n Mud Logging		83,144			83,144
2 Logging/Formation Eva	luation	6,194	8,000		14,494
O Mud & Chemicals	PERSONAL PROPERTY.	98,516	308,000		406,516
4 Water		28,193	505,932	$\overline{}$	334,125
5 Stimulation			720,000		720,000
6 Stimulation Plowback &		1100000000	94,000		94,000
8 Mud / Wastewater Dispo		96,918	63,000		159,938
0 Rig Supervision / Engine 2 Drig & Completion Over		95,975	79,600	9,800	185,375
2 Labor S Labor		100,500		10,000	7,725
4 Proppant		100,000	436,156	10,000	136,156
5 Insurance		32,632	area		32,632
7 Contingency		97,274	154,242	2,968	257,484
9 Plugging & Abandonmer					
	TOTAL INTANGIBLES		3,332,080	65,648	5,440,489
TANGIBLE	TOSTS	DRILLING	COMPLETION	PRODUCTION	COSTS
Surface Casing	.0515		COSTS	COSTS	
I Intermediate Caring		69,726	•	*	69,726
2 Drilling Lines		- ARRAMO	-		07,720
3 Production Casing		238,396			238,396
Penduction Lines					
Tubing				30,911	30,911
Wellhead		61,000		68,900	112,900
Packers, Liner Hangers Tanks		22,000		5,500	25,500
Production Vessels					(*)=
Flow Lines					
Rod string					-
Antificial Lift Equipment				80,000	80,000
l Compressor					
Installation Costs				32,000	35,000
Surface Pumps		****		3,000	5,000
Downhole Pumps Measurement & Meter Inc	tall disease			1,950	4,950
Gas Conditioning / Dehys					
Interconnecting Facility P	ping				180
Gathering/Bulk Lines	E0180				
Valves, Dumps, Controlle				-	
Tank/Facility Containme			14		
Flare Stack					
Electrical/Grounding				60,000	40,000
Communications / SCAD/	N/				
Instrumentation/Safety	TOTAL TANGIBLES	403 Ph 0		200.004	100 000
			2 277 000	268,261	671,972
	TOTAL COSTS	2,446,473	3,332,080	333,909	6,111,461
ARED BY Colgate Energ	gy:				
Drilling Engineer	Steven Segrest		CRM		
Drilling Engineer. Completions Engineer.	Steven Segrest Brady Adams		CRM		
Drilling Engineer	Steven Segrest Brady Adams		CRM		
Drilling Engineer. Completions Engineer. Production Engineer	Steven Segrest Brady Adams		CRM		
Drilling Engineer. Completions Engineer. Production Engineer.	Steven Sogust Brady Adans Levi Harrs	- MOC 1 - 144			
Drilling Engancer. Completions Engineer. Production Engineer	Stoven Sogrest Brady Adams Levi Harris	CACE		VP - Operallus	
Drilling Engineer, Completions Engineer, Production Engineer ie Energy APPROVAL; Co CEO	Steven Sognat Brady Adams Levi Harrs WH) IW	VP - Operation	th
Drilling Engineer. Completions Engineer. Production Engineer.	Steven Sognat Brady Adams Levi Harrs WH	Ca CBI VP - Genedenuc) IW	VP - Operation	
Drilling Engineer, Completions Engineer, Production Engineer ie Energy APPROVAL; Co CEO	Steven Sognat Brady Adams Levi Harrs WH) IW	VP - Operation	
Drilling Engineer. Completions Engineer. Production Engineer. Ic Energy APPROVAL: Co CEO VP - Land & Legal	Steven Segurat Brady Adons Levi Harris WH BG) IW	VF - Operation	
Drilling Engineer. Completions Engineer. Production Engineer. Co-CEO VP - Unit & Legal	Steven Segurat Brady Adons Levi Harris WH BG	VP - Generali	o	VP - Operation	
Drilling Engineer. Completions Engineer. Production Engineer. e Energy APPROVAL:	Steven Segurat Brady Adons Levi Harris WH BG	VP - Generali) IW	VP - Operation	CRM
Drilling Engineer. Completions Engineer. Production Engineer. Co-GEO VP - Land & Legal DPERATING PARTNEE Company Name	Steven Segurat Brady Adons Levi Harris WH BG	VP - Generali	SD (Vorking Interest (X)).		CRM
Drilling Engineer. Completions Engineer. Production Engineer. FENERGY APPROVAL: Co-CEO VP - Lind & Legal	Steven Segurat Brady Adons Levi Harris WH BG	VP - Generali	o		CRM

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DATE: 8/5	6/2020			AFE NO ₁ ;	0
	aver 27 State Com	122H			
_	kway			MD/TVD:	inchester: Bone Spring 17209 / 7455
COUNTY/STATE: Edd				LATERAL LENGTH:	
Colgale WI:	-7			DRILLING DAYS:	9,427
-	Bone Spring				
OLUMOEI: 200	tume spring			COMPLETION DAYS:	16
REMARKS: Dri	II and Complete 63	stages in the 2nd Bone S	oring formation. AFF in	cludes D&C, flowback & i	nitial PSP install
5130.9439C552	Annual Control of the	magnetic and trained	printing restrictations and to the	ENGLE PRICE, INSTITUTE OF C	Attini 639 digitalis
		DRILLING	COMPLETION	PRODUCTION	TOTAL
IN FANGIBLE COST	8	COSTS	COSTS	COSTS	COSTS
l Land/Legal/Regulatory 2 Location, Surveys & Damages		150,000	13,000	5	\$ 35,000
4 Preight / Transportation		55,500	36,750	10,000	173,000 92,250
5 Rental - Surface Equipment		55,800	150,450	4,640	210,890
6 Rental - Downhole Equipment		68,799	36,000	4,030	124,799
7 Rental - Living Quarters		35,546	15,700	5,200	86,146
10 Directional Drilling, Surveys		188,350			186,350
11 Drilling		475,824			175,824
12 Drill Blis		81,000			\$1,000
13 Fuel & Power 14 Cementing & Float Equip		67,053	210,000		277,053
14 Cementing & Float Equip 16 Perforating, Wireline, Slickline		155,000	201750	0.000	155,000
17 Lligh Pressure Pump Truck			260,750 10,000	8,000	268,750 10,000
la Completion Unit, Swab, CTU			150,000	12,010	162,040
20 Mud Circulation System		83,144	(30,000	12,040	83,144
71 Mud Logging		19,499			19,199
22 Logging / Formation Evaluation		6,494	8,000		14,494
13 Mud & Chemicals		98,516	308,000		106,516
4 Water		28,193	505,932		534,125
5 Stimulation		-	720,000		720,000
6 Stimulation Flowback & Disp			94,000		94,000
Mud/Wastewater Disposal		96,938	63,000		159,938
O Rig Superviolon / Engineering		95,975	79,600	9,800	185,375
12 Drig & Completion Overhead		7,725	-		7,725
5 Labor 4 Proppani		108,500	30,500	10,000	149,000
4 Proppani 5 Insurance		32,632	436,156		436,156
7 Contingency		97,274	154,242	3,968	32,632 257,484
9 Plugging & Abandonment		77,274	134,242	3,908	257,484
	AL INTANGIBLES	2,042,761	3,332,080	65,648	5,440,489
TANGIBLE COSTS		DRILLING COSTS	COMPLETION	PRODUCTION COSTS	TOTAL COSTS
0 Surface Casing		9,700	COULD	2	
1 Intermediate Casing		69,726		•	69,726
2 Drilling Liner		- 07,720	-		119,726
3 Production Casing		238,396	$\overline{}$		238,396
Production Liner					20,571
5 Tubing		-		10,911	30,911
6 Wellhead		64,000		18,500	112,900
7 Packers, Linex Hangers		22,000	-	3,500	25,500
3 Tanks			60		
Production Vessels					
) Flow Lines		2:			**
l Rod string				- 1	
Artificial Lift Equipment				80,000	80,000
l Compressor I Installation Costs					F.1
i Surface Pumps		<u>_</u>		35,000	35,000
i Downhole Pumps				5,000	5,000
s Downnoie rumps Measwement & Meter Installatio	a.			1,950	1,950
Gas Conditioning / Dehydration	-				
Interconnecting Facility Piping					
Gathering/Bulk Lines					
Valves, Dumps, Controllers					
Tank / Facility Containment				-	
Flare Stack				-	
Electrical / Grounding				60,000	60,000
Communications/SCADA			$\overline{}$		7.5
Instrumentation / Safety					
TO	TAL TANGIBLES >	403,712	0	268,261	671,972
	TOTAL COSTS >	2,446,473	3,332,080	333,909	6,112,461
ARED BY Colgate Energy:					
	von Segrest				
	ody Adams		CRM		
Production Engineer: 1	evi Harris				
e Energy APPROVAL:					
0.000					
Cu-CEO	IVH	Co CEC	- liv	VP - Operatio	
1/0 /	1417				CRM
VP - Land & Logal		VP Georgietas			
	BC:		90		
PERATING PARTNER APP	ROVAL:				
	ROVAL:		Markon labor - 22 -		
OPERATING PARTNER APP	ROVAL:	-	Vinking Interest (%).	Tax ()	n ₁
				Tax fi	D
Company Natur	ROVAL:		Vunking Interest (%).	Tax II	n