

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

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-41967	² Pool Code 53805	³ Pool Name SAND DUNES; B3, 40LTH
⁴ Property Code 313485	⁵ Property Name JAMES 19 FEDERAL	⁶ Well Number 29H
⁷ OGRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁹ Elevation 3641'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	19	23S	32E		330	NORTH	2310	EAST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	19	23S	32E		330	SOUTH	2200	EAST	LEA
¹² Dedicated Acres 160	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.

¹⁶ 		¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>Terri Stathem</i> Date: 12-9-13 Printed Name: Terri Stathem E-mail Address: tstathem@cimarex.com ¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: September 12, 2013 Signature and Seal of Professional Surveyor: Certificate Number:
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JUL 15 2014

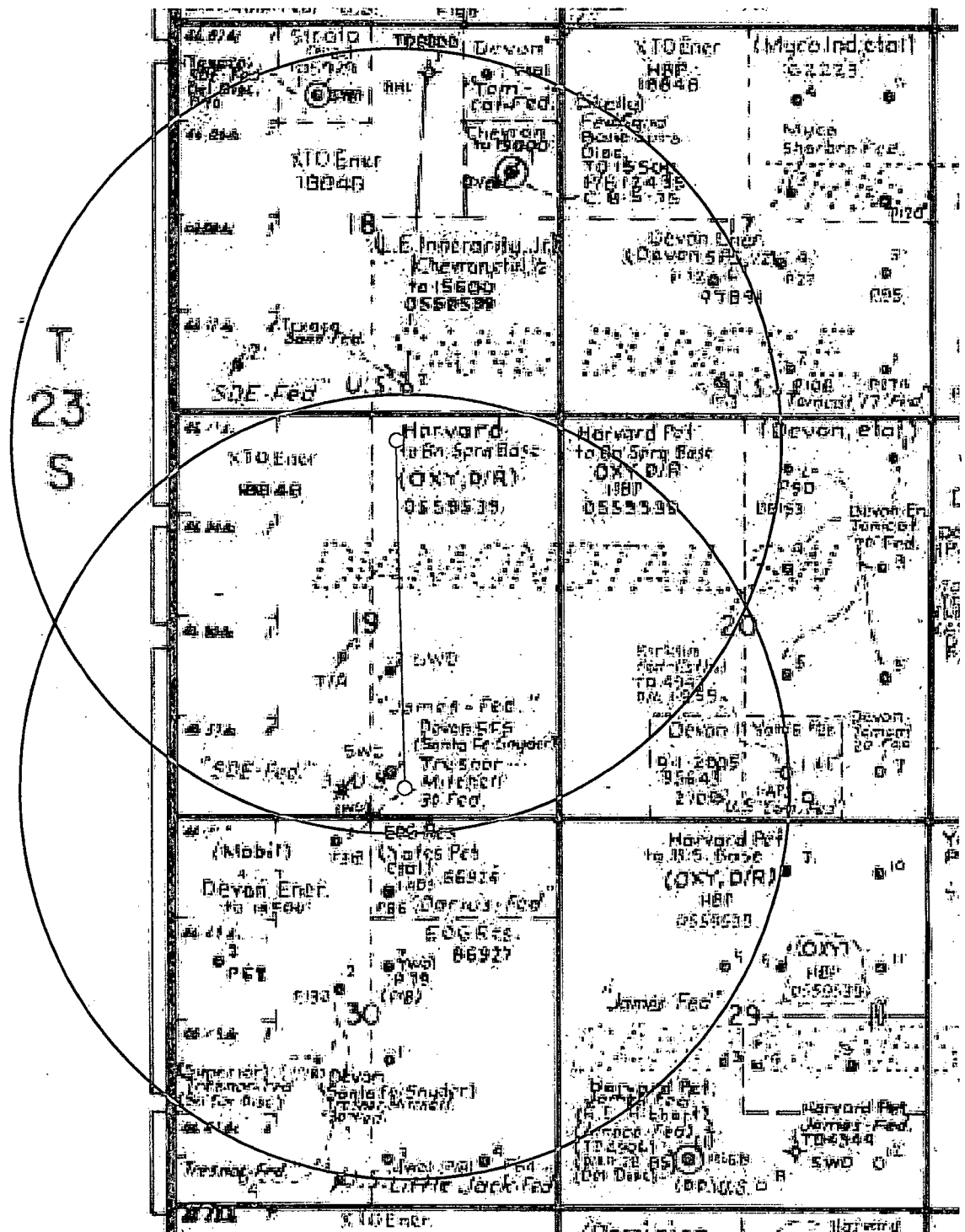


Exhibit A – One Mile Radius Map
 James 19 Federal 29H
 Cimarex Energy Co.
 19-23S-32E
 SHL 330 FNL & 2310 FEL
 BHL 330 FSL & 2200 FEL
 Lea County, NM

T23S

12

3517

7 X3545

8

PROPOSED LOCATION:
JAMES 19 FEDERAL 29H

Oil Well

13

18

17

BM

3567

3655

PIPELINE

19

3633

24

20

Drill Hole

EDDY CO
LEA CO

R
31
E

R
32
E

D U N E S

3501 Gas Well

LEGEND:

● EXISTING WELLS

SCALE: 1" = 2000'

DRAWN BY: J.L.H.

DATE DRAWN: 09-16-13

REVISED:

N



CIMAREX

CIMAREX ENERGY CO.

JAMES 19 FEDERAL 29H
SECTION 19, T23S, R32E, N.M.P.M.
330' FNL 2310' FEL

UINTAH
ENGINEERING & LAND SURVEYING

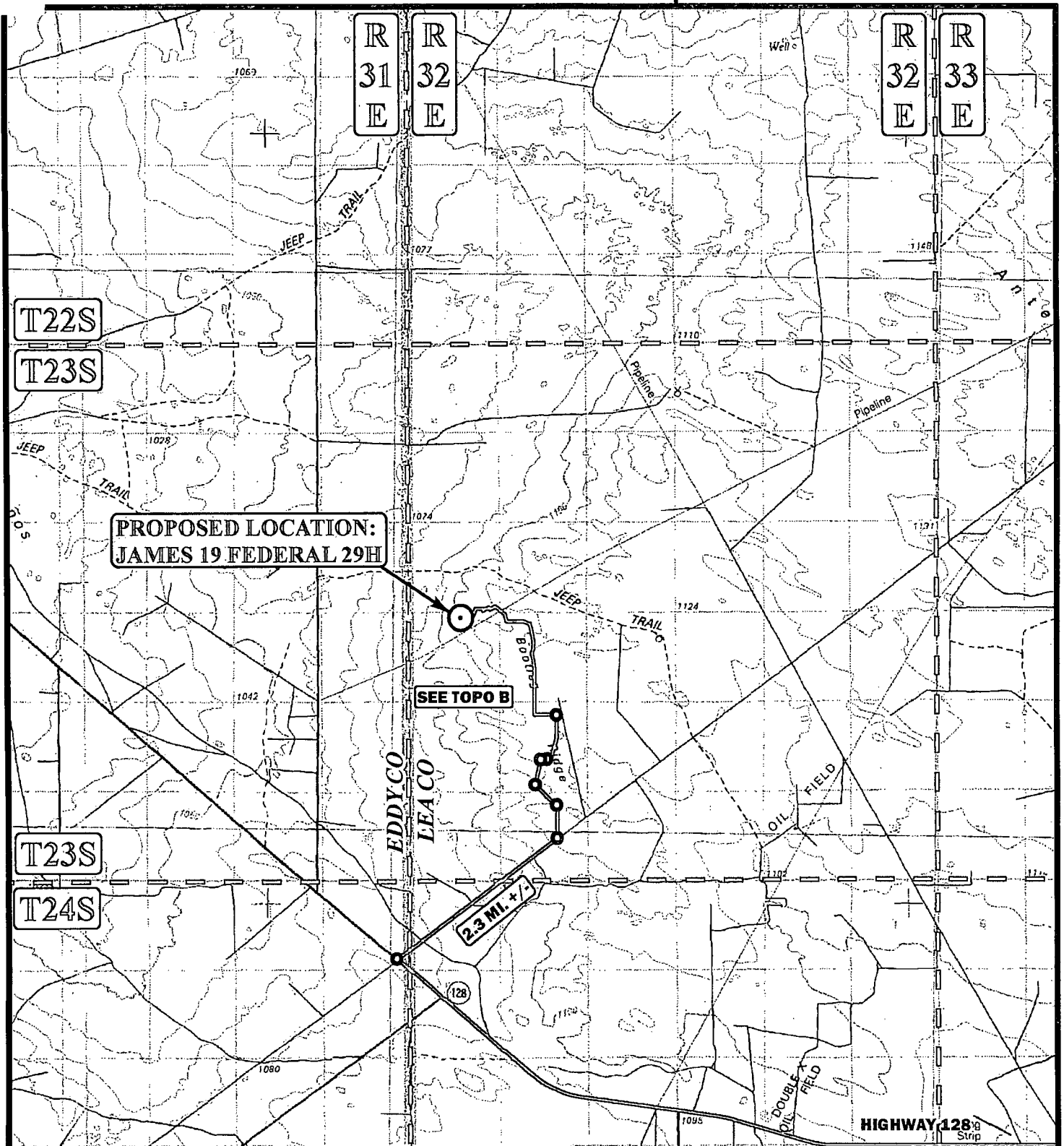
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

TOPOGRAPHIC MAP

TOPOG

Exhibit C

Public Access Road Map



LEGEND:



PROPOSED LOCATION

MALAGA, NEW MEXICO IS
+/- 21.6 MILES WESTERLY

SCALE: 1:100,000

REVISED: 10-08-13

DRAWN BY: J.L.H.

REV:10-17-13J.L.G.

DATE DRAWN: 09-16-13



CIMAREX ENERGY CO.

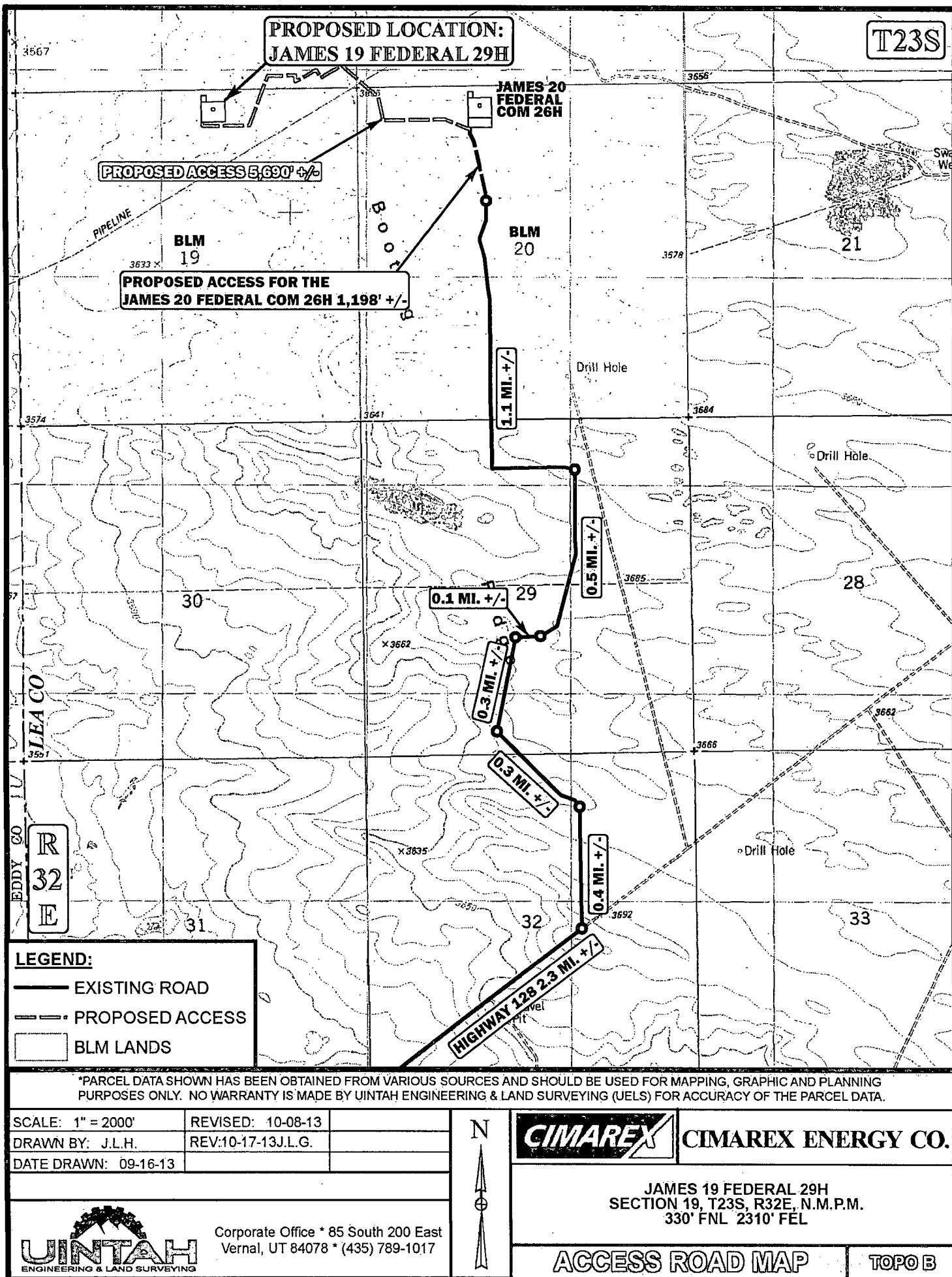
JAMES 19 FEDERAL 29H
SECTION 19, T23S, R32E, N.M.P.M.
330' FNL 2310' FEL

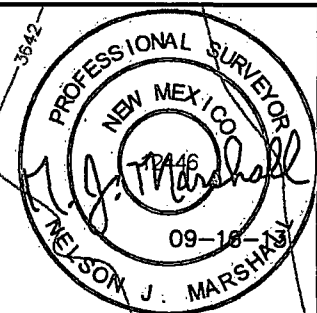
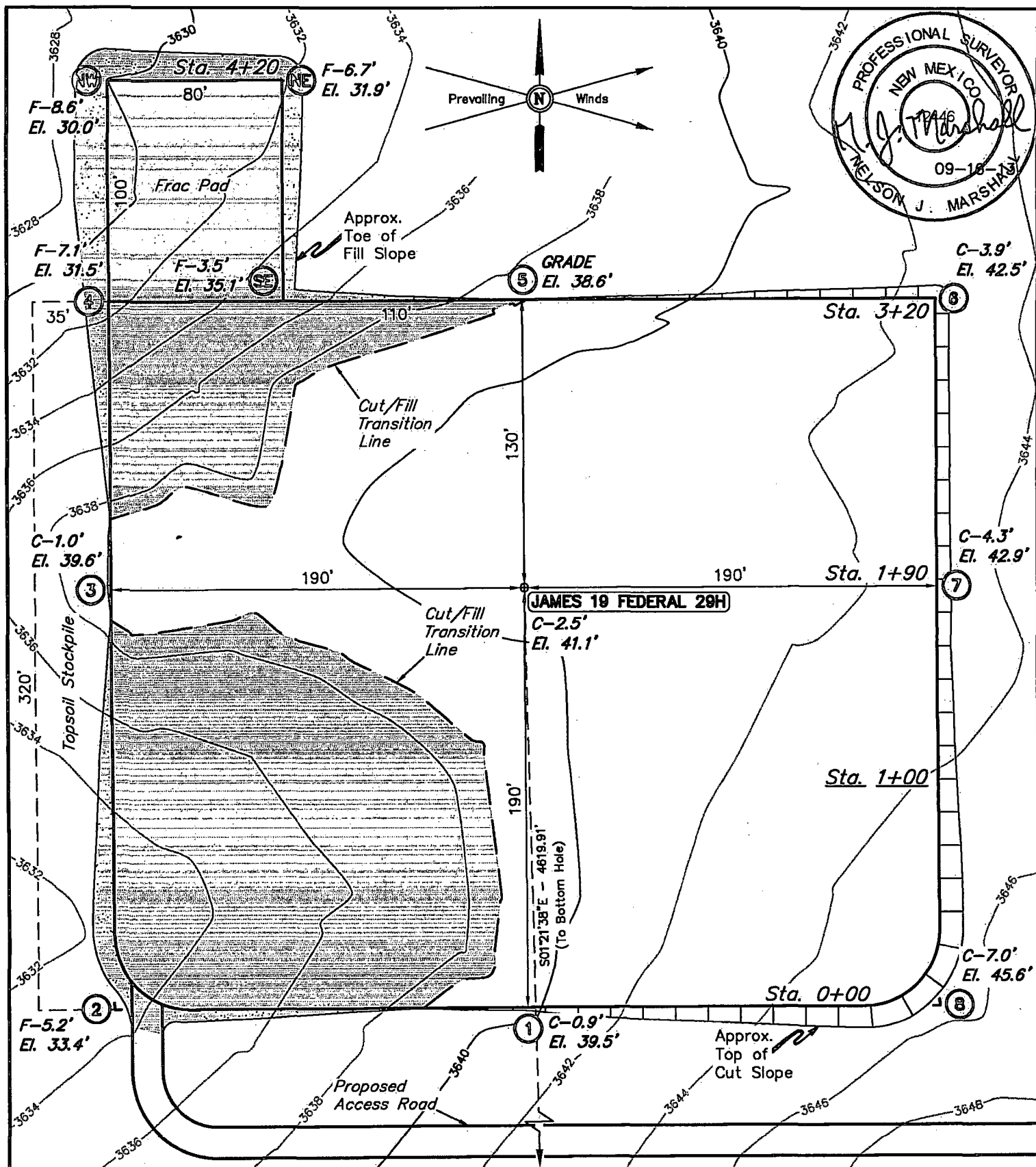


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ACCESS ROAD MAP

TOPO A





NOTES:

- Round corners at 35' radius or as needed.
- Underground utilities shown on this sheet are for visualization purposes only, actual locations to be determined prior to construction.

Exhibit C-1



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CIMAREX ENERGY CO.

JAMES 19 FEDERAL 29H
SECTION 19, T23S, R32E, N.M.P.M.
330' FNL 2310' FEL

DRAWN BY: J.S.

SCALE: 1" = 60'

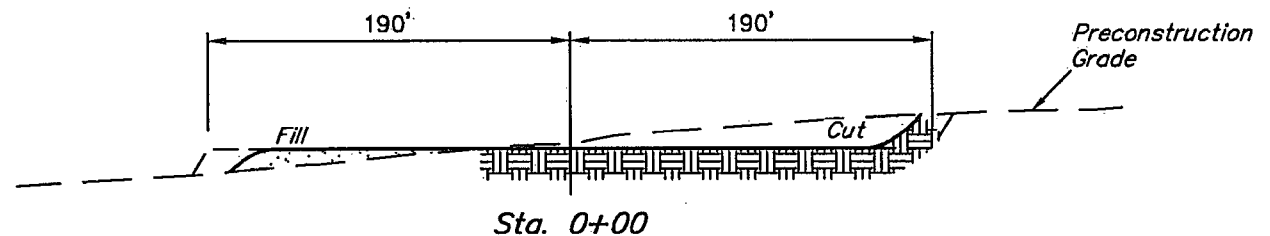
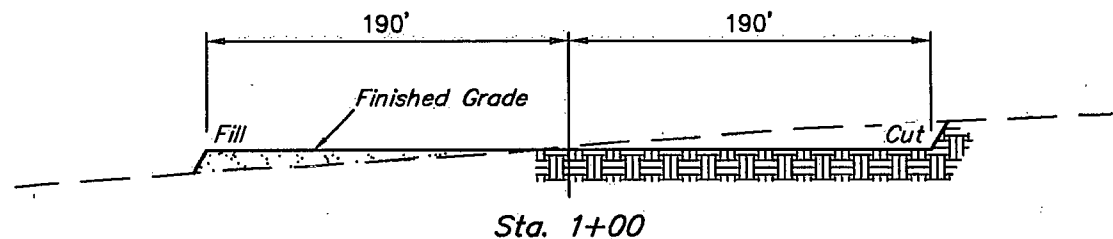
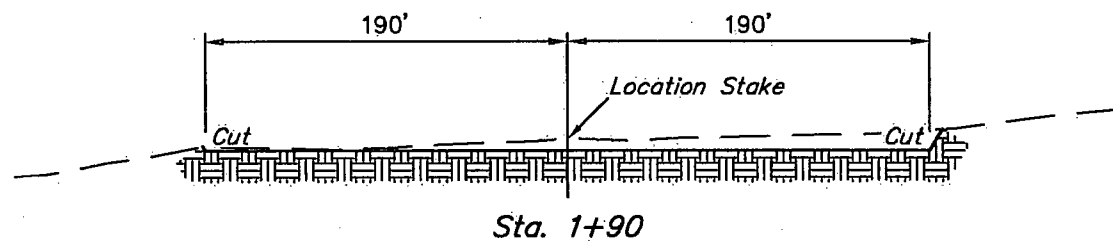
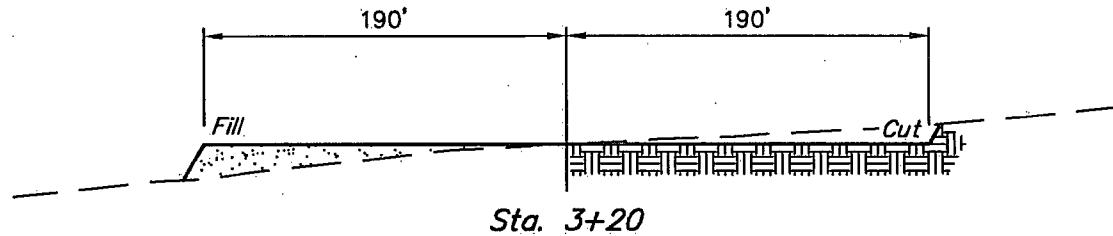
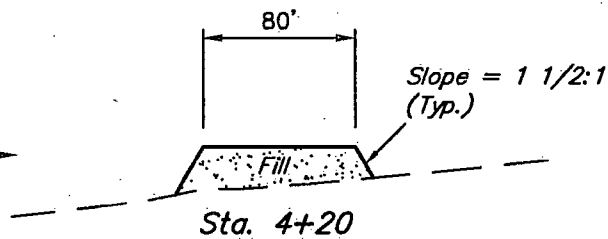
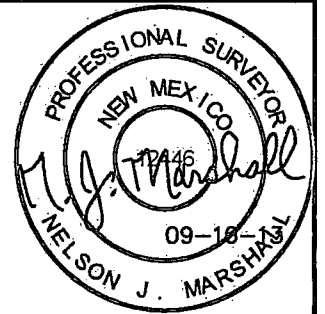
DATE: 09-16-13

REVISED:

LOCATION LAYOUT

FIGURE #1

X-Section
Scale
1" = 100'



APPROXIMATE EARTHWORK QUANTITIES		APPROXIMATE SURFACE DISTURBANCE AREAS		
(5") TOPSOIL STRIPPING	2,150 Cu. Yds.		DISTANCE	ACRES
REMAINING LOCATION	6,930 Cu. Yds.	WELL SITE DISTURBANCE	N/A	±3.423
TOTAL CUT	9,080 Cu. Yds.	30' WIDE ACCESS ROAD R-O-W DISTURBANCE	±5690.07'	±3.919
FILL	6,930 Cu. Yds.	10' WIDE PIPELINE R-O-W DISTURBANCE	±2126.84'	±0.488
EXCESS MATERIAL	2,150 Cu. Yds.	TOTAL SURFACE USE AREA	±7816.91'	±7.830
TOPSOIL	2,150 Cu. Yds.			
EXCESS UNBALANCE (After Interim Rehabilitation)	0 Cu. Yds.			

NOTES:

- Fill quantity includes 5% for compaction.
- Topsoil should not be stripped below finished grade on substructure area.



CIMAREX ENERGY CO.

JAMES 19 FEDERAL 29H
SECTION 19, T23S, R32E, N.M.P.M.
330' FNL 2310' FEL

DRAWN BY: J.S.

SCALE: AS SHOWN

DATE: 09-16-13

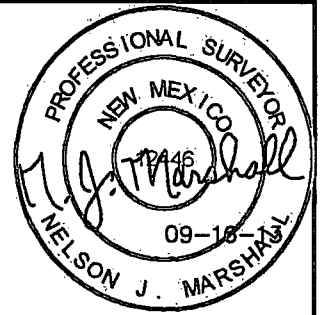
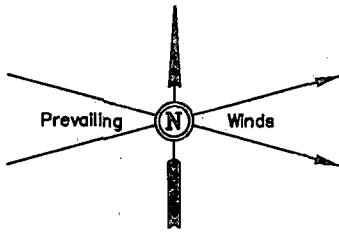
REVISED:



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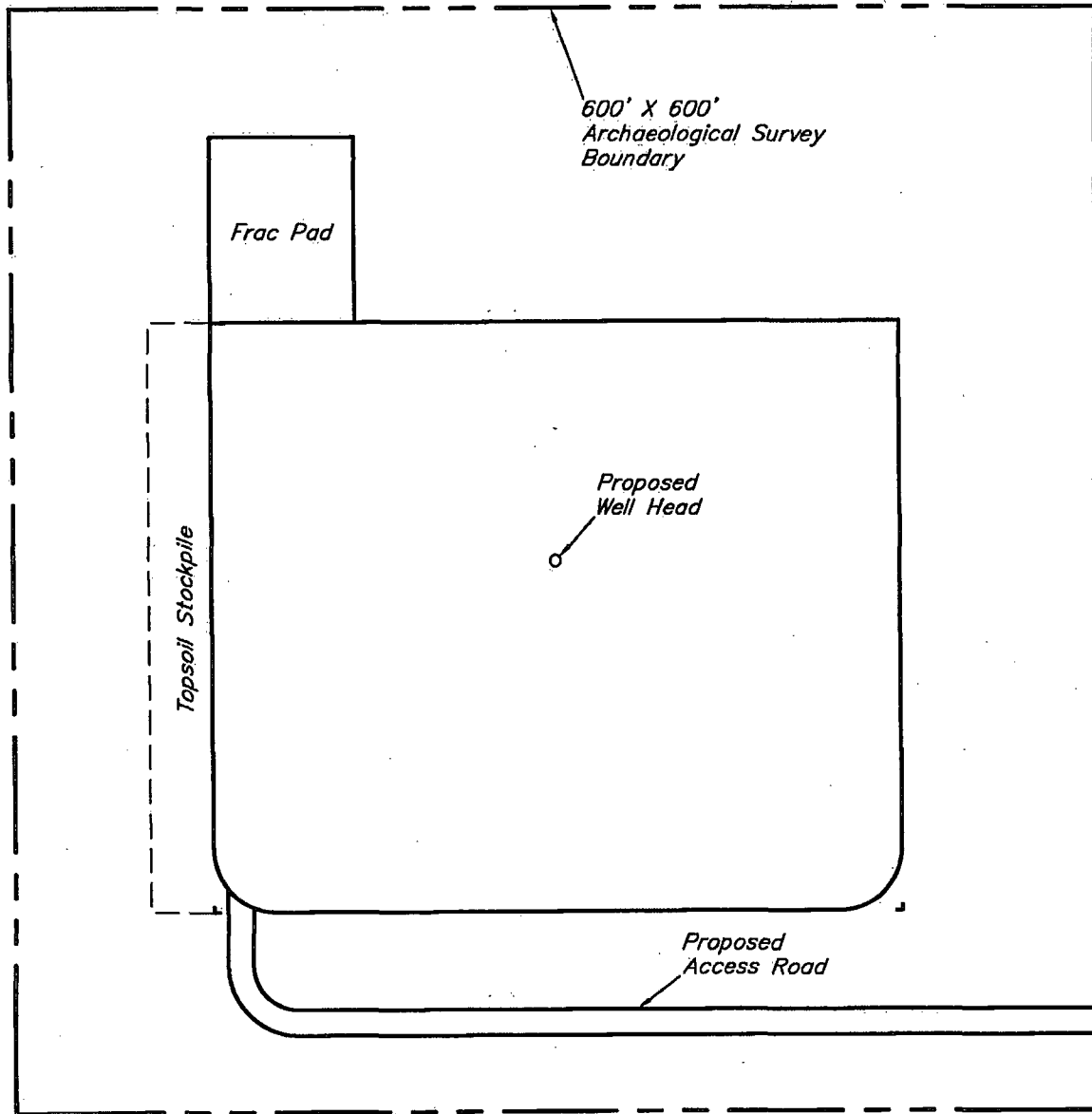
TYPICAL CROSS SECTIONS

FIGURE #2



SECTION 18

SECTION 19



NOTES:

Exhibit C-1



CIMAREX ENERGY CO.

JAMES 19 FEDERAL 29H
SECTION 19, T23S, R32E, N.M.P.M.
330' FNL 2310' FEL



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DRAWN BY: J.S.

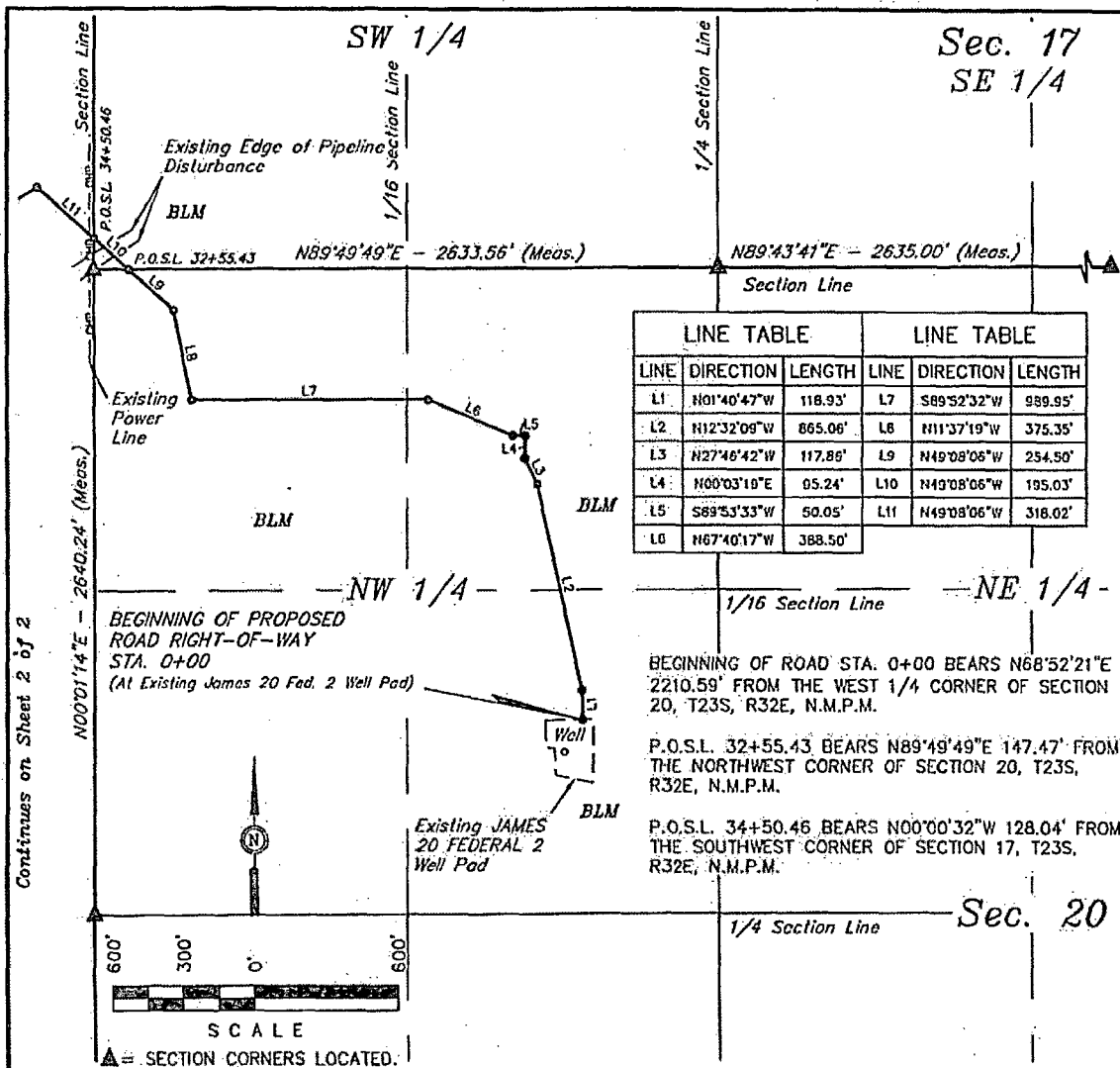
SCALE: 1" = 100'

DATE: 09-16-13

REVISED:

ARCHAEOLOGICAL SURVEY
BOUNDARY

FIGURE #4



LINE TABLE			LINE TABLE		
LINE	DIRECTION	LENGTH	LINE	DIRECTION	LENGTH
L1	N01°40'47"W	118.93'	L7	S89°52'32"W	989.95'
L2	N12°32'09"W	865.06'	L8	N11°37'19"W	375.35'
L3	N27°46'42"W	117.86'	L9	N49°08'06"W	254.50'
L4	N00°03'18"E	05.24'	L10	N49°08'06"W	195.03'
L5	S89°53'33"W	50.05'	L11	N49°08'06"W	318.02'
L6	N67°40'17"W	388.50'			

ROAD RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE SE 1/4 NW 1/4 OF SECTION 20, T23S, R32E, N.M.P.M., WHICH BEARS N68°52'21"E 2210.59' FROM THE WEST 1/4 CORNER OF SAID SECTION 20, THENCE N01°40'47"W 118.93'; THENCE N12°32'09"W 865.06'; THENCE N27°46'42"W 117.86'; THENCE N00°03'19"E 95.24'; THENCE S89°53'33"W 50.05'; THENCE N67°40'17"W 388.50'; THENCE S89°52'32"W 989.95'; THENCE N11°37'19"W 375.35'; THENCE N49°08'06"W 254.50' TO A POINT ON THE NORTH LINE OF THE NW 1/4 NW 1/4 OF SAID SECTION 20, WHICH BEARS N89°49'49"E 147.47' FROM THE NORTHWEST CORNER OF SAID SECTION 20, THENCE N49°08'06"W 195.03' TO A POINT ON THE WEST LINE OF THE SW 1/4 SW 1/4 OF SECTION 17, T23S, R32E, N.M.P.M.; WHICH BEARS N00°00'32"W 128.04' FROM THE SOUTHWEST CORNER OF SAID SECTION 17, THENCE N49°08'06"W 318.02'; THENCE S60°48'34"W 389.97'; THENCE N29°12'31"W 149.93'; THENCE S60°48'44"W 380.06'; THENCE N00°36'04"E 97.91'; THENCE N89°57'54"W 449.98'; THENCE S21°04'20"W 210.74' TO A POINT ON THE SOUTH LINE OF THE SW 1/4 SE 1/4 OF SECTION 18, T23S, R32E, N.M.P.M., WHICH BEARS S89°44'00"W 1510.69' FROM THE SOUTHEAST CORNER OF SAID SECTION 18, THENCE S21°04'20"W 624.04'; THENCE S89°45'22"W 748.92'; THENCE N00°15'11"W 67.18' TO A POINT IN THE NW 1/4 NE 1/4 OF SECTION 19, T23S, R32E, N.M.P.M., WHICH BEARS S78°03'34"W 2539.20' FROM THE NORTHEAST CORNER OF SECTION 19, T23S R32E N.M.P.M. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 4.743 ACRES MORE OR LESS.

RIGHT-OF-WAY LENGTHS

DESCRIPTION	FEET	ACRES	RODS
NW 1/4 SEC. 20	3255.43	2.242	197.30
SW 1/4 SEC. 17	195.03	0.134	11.82
SE 1/4 SEC. 18	1996.63	1.375	121.01
NE 1/4 SEC. 19	1440.13	0.992	87.28
TOTAL ON BLM	6887.22	4.743	417.41

CERTIFICATE OF PROFESSIONAL SURVEYOR
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
12446
11-25-13
SHEET 1 of 2

NOTES:
* The maximum grade of existing ground for the proposed access road is 28%.

Exhibit C-1



Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

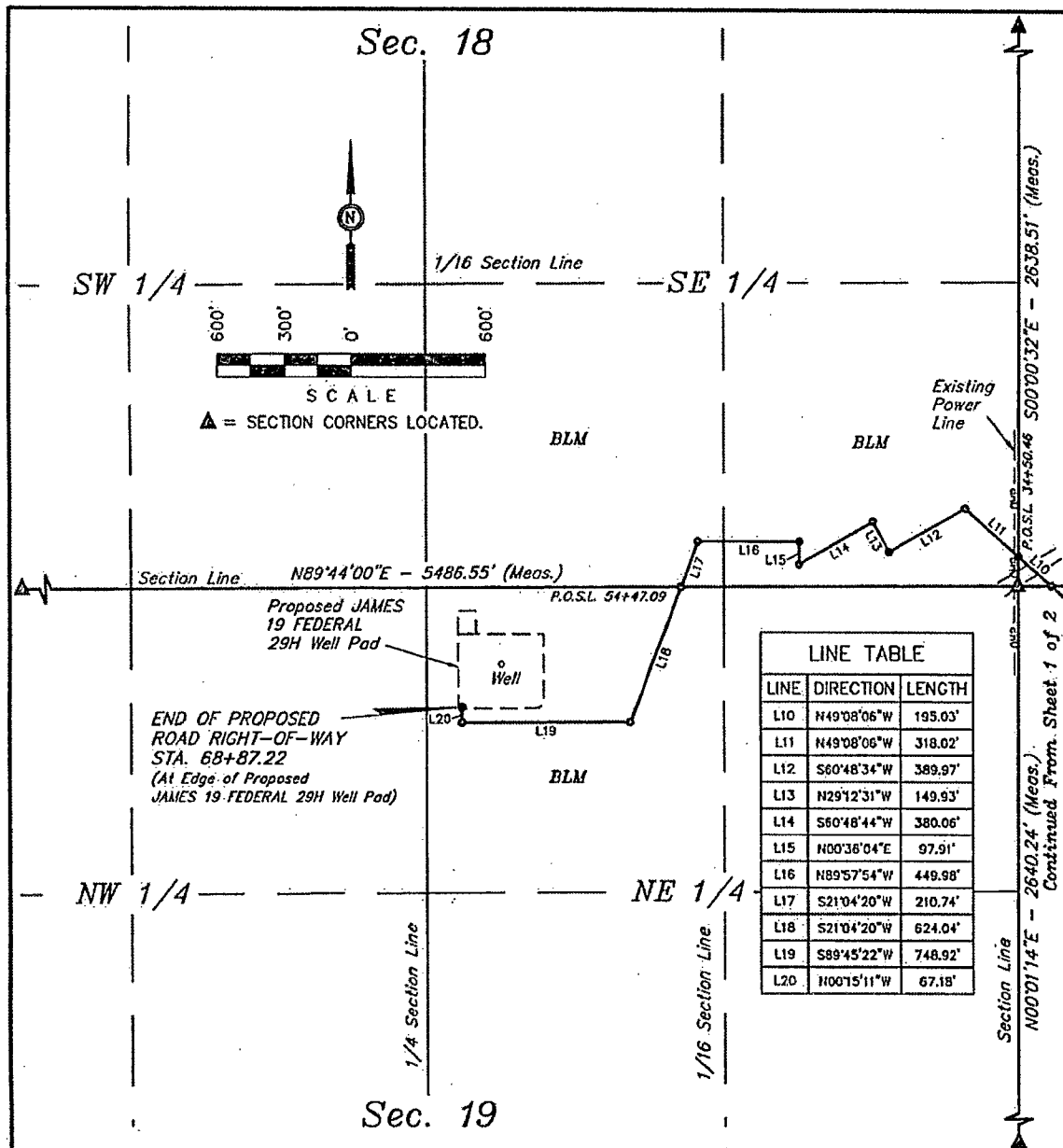
CIMAREX ENERGY CO.

JAMES 19 FEDERAL 29H
SECTION 19, T23S, R32E, N.M.P.M.
330' FNL 2310' FEL

DRAWN BY: J.S. SCALE: 1" = 600'
DATE: 09-16-13 REV: 11-25-13 B.D.H.

ACCESS ROAD R-O-W

EXHIBIT C-2



P.O.S.L. 34+50.46 BEARS N00°00'32"W 128.04' FROM THE SOUTHEAST CORNER OF SECTION 18, T23S, R32E, N.M.P.M.

P.O.S.L. 54+47.09 BEARS S89°44'00"W 1510.69' FROM THE SOUTHEAST CORNER OF SECTION 18, T23S, R32E, N.M.P.M.

END OF ROAD STA. 68+87.22 BEARS S78°03'34"W 2539.20' FROM THE NORTHEAST CORNER OF SECTION 19, T23S, R32E, N.M.P.M.

THIS IS TO CERTIFY THAT THE ABOVE STATEMENT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CERTIFICATE OF PROFESSIONAL SURVEYOR
 11-25-13
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 12446
 STATE OF NEW MEXICO

NOTES:

* The maximum grade of existing ground for the proposed access road is 18%.

Exhibit C-1



Corporate Office * 85 South 200 East
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CIMAREX ENERGY CO.

JAMES 19 FEDERAL 29H
 SECTION 19, T23S, R32E, N.M.P.M.
 330' FNL 2310' FEL

DRAWN BY: J.S.

SCALE: 1" = 600'

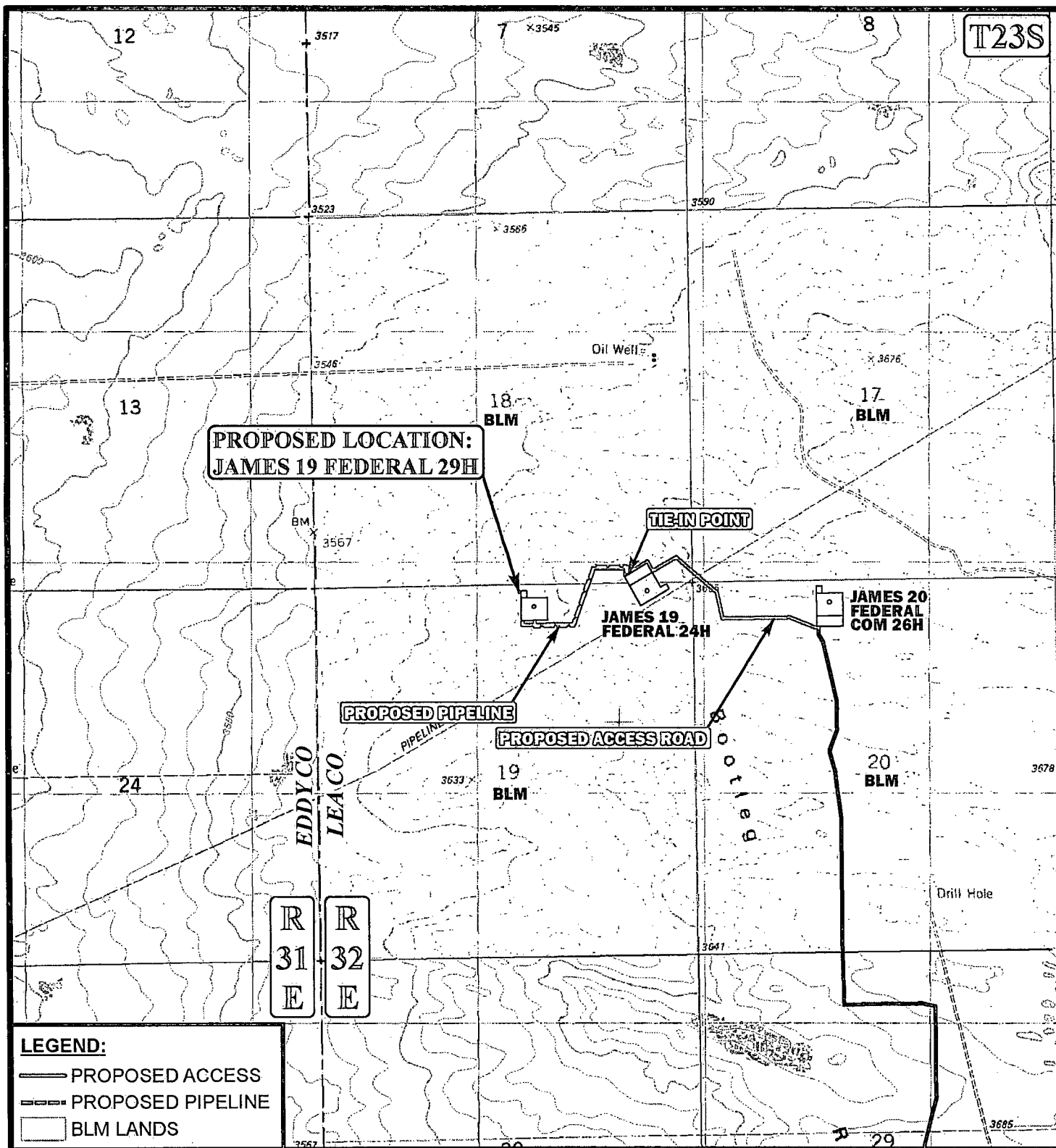
DATE: 09-16-13

REV: 11-25-13 B.D.H.

ACCESS ROAD R-O-W

EXHIBIT C-2

SHEET 2 of 2



APPROXIMATE TOTAL PIPELINE DISTANCE 2,127' +/-

*PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTEH ENGINEERING & LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

SCALE: 1" = 2000'

REVISED:

DRAWN BY: J.L.H.

DATE DRAWN: 09-16-13

N



CIMAREX ENERGY CO.

JAMES 19 FEDERAL 29H
SECTION 19, T23S, R32E, N.M.P.M.
330' FNL 2310' FEL

PIPELINE MAP

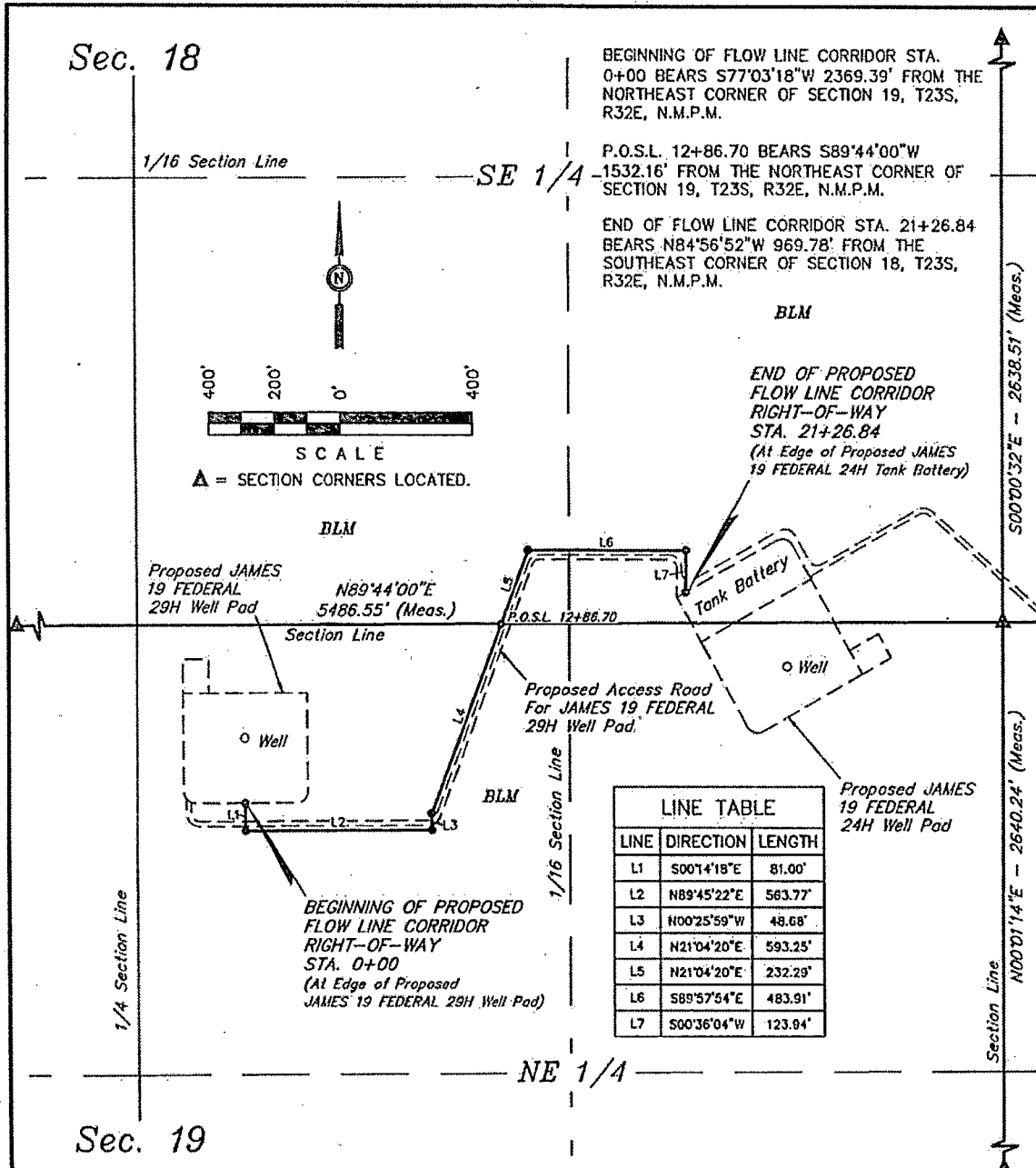
TOPO.D



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Vernal, UT 84078 * (435) 789-1017

Exhibit G

Sec. 18



Sec. 19

FLOW LINE CORRIDOR RIGHT-OF-WAY DESCRIPTION

A 10' WIDE RIGHT-OF-WAY 5' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE NW 1/4 NE 1/4 OF SECTION 19, T23S, R32E, N.M.P.M., WHICH BEARS S77°03'18"W 2369.39' FROM THE NORTHEAST CORNER OF SAID SECTION 19, THENCE S00°14'18"E 81.00'; THENCE N89°45'22"E 563.77'; THENCE N00°25'59"W 48.68'; THENCE N21°04'20"E 593.25' TO A POINT ON THE NORTH LINE OF THE NW 1/4 NE 1/4 OF SAID SECTION 19, WHICH BEARS S89°44'00"W 1532.16' FROM THE NORTHEAST CORNER OF SAID SECTION 19, THENCE N21°04'20"E 232.29'; THENCE S89°57'54"E 483.91'; THENCE S00°36'04"W 123.94' TO A POINT IN THE SE 1/4 SE 1/4 OF SECTION 18, T23S, R32E, N.M.P.M., WHICH BEARS N84°56'52"W 969.78' FROM THE SOUTHEAST CORNER OF SAID SECTION 18. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.488 ACRES MORE OR LESS.

RIGHT-OF-WAY LENGTHS

DESCRIPTION	FEET	ACRES	RODS
NE 1/4 SEC. 19	1286.70	0.295	77.98
SE 1/4 SEC. 18	840.14	0.193	50.92
TOTAL ON BLM	2126.84	0.488	128.90

CERTIFICATE OF PROFESSIONAL SURVEYOR
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
12446
REGISTERED LAND SURVEYOR
REGISTRATION NO. 12446
STATE OF NEW MEXICO
11-25-13

NOTES:

- The proposed flow line corridor contains 2 lines (1 gathering line and 1 gas lift line)

Exhibit G



Corporate Office * 85 South 200 East
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CIMAREX ENERGY CO.

JAMES 19 FEDERAL 29H
SECTION 19, T23S, R32E, N.M.P.M.
330' FNL 2310' FEL

DRAWN BY: J.S.

SCALE: 1" = 400'

DATE: 09-16-13

REV: 11-25-13 B.D.H.

FLOW LINE R-O-W

EXHIBIT G-1