

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: (575) 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
HOBBS OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

☐ AMENDED REPORT

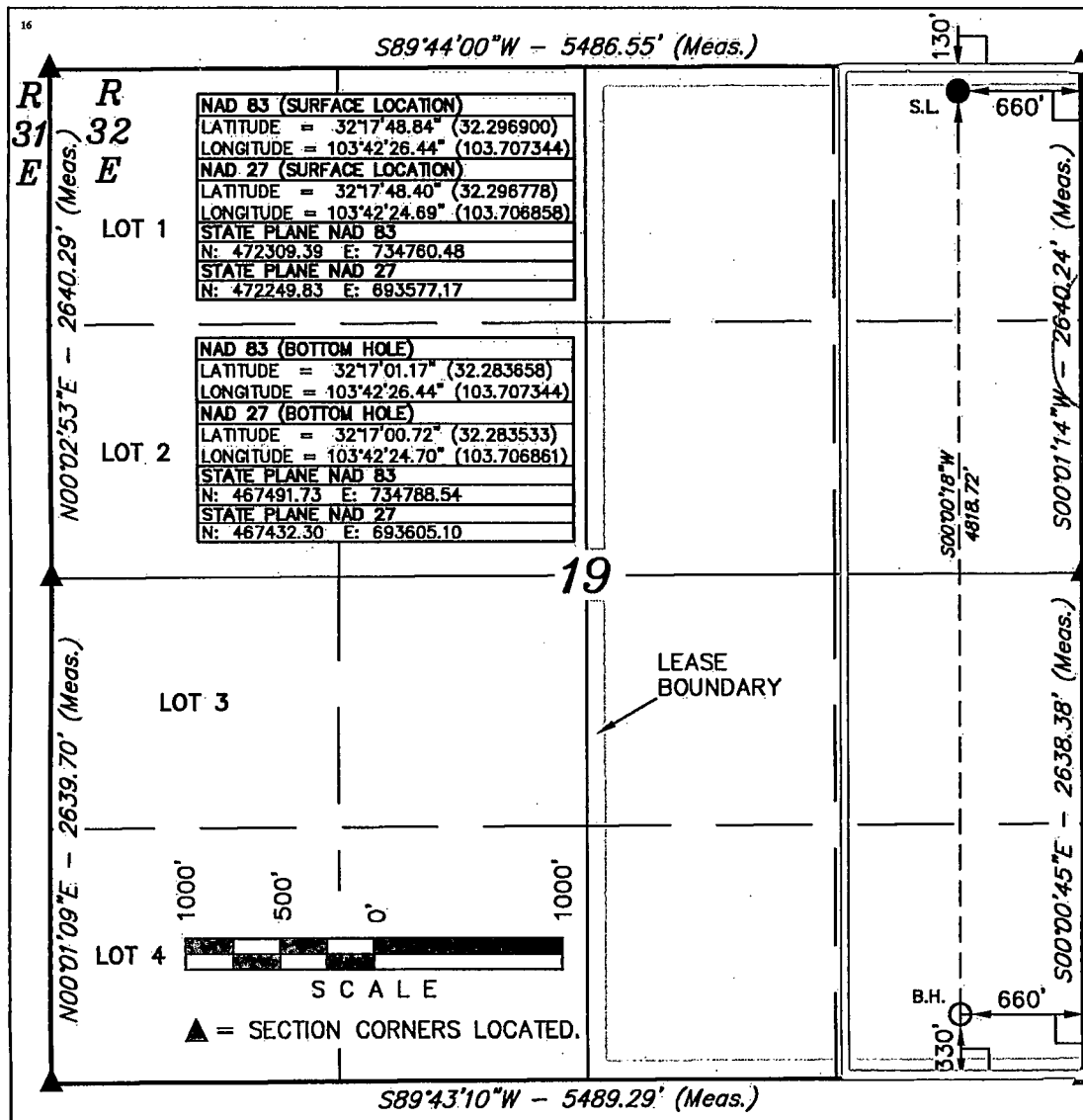
WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025 - 48966		² Pool Code 53805	³ Pool Name James 19
⁴ Property Code	⁵ Property Name JAMES 19 FEDERAL		⁶ Well Number 24H
⁷ OGRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.		⁹ Elevation 3653'

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
A	19	23S	32E		130	NORTH	660	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
P	19	23S	32E		330	SOUTH	660	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.



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: *Terri Stathem* Date: 12/9/13
Printed Name: Terri Stathem
tstathem@cimarex.com
E-mail Address

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.

September 10, 2013
Date of Survey
Signature and Seal of Professional Surveyor:

Certificate Number:

JUL 15 2014

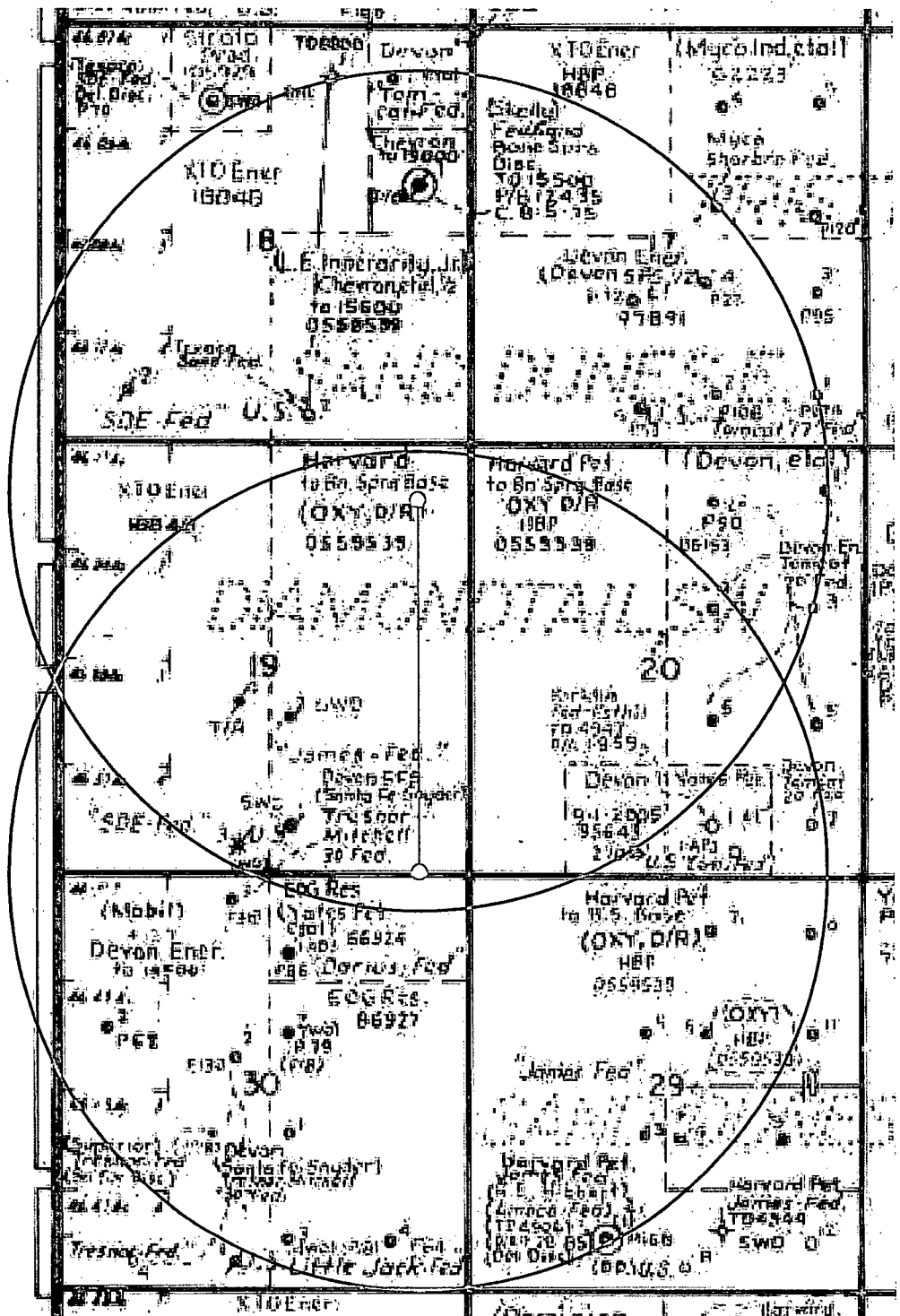
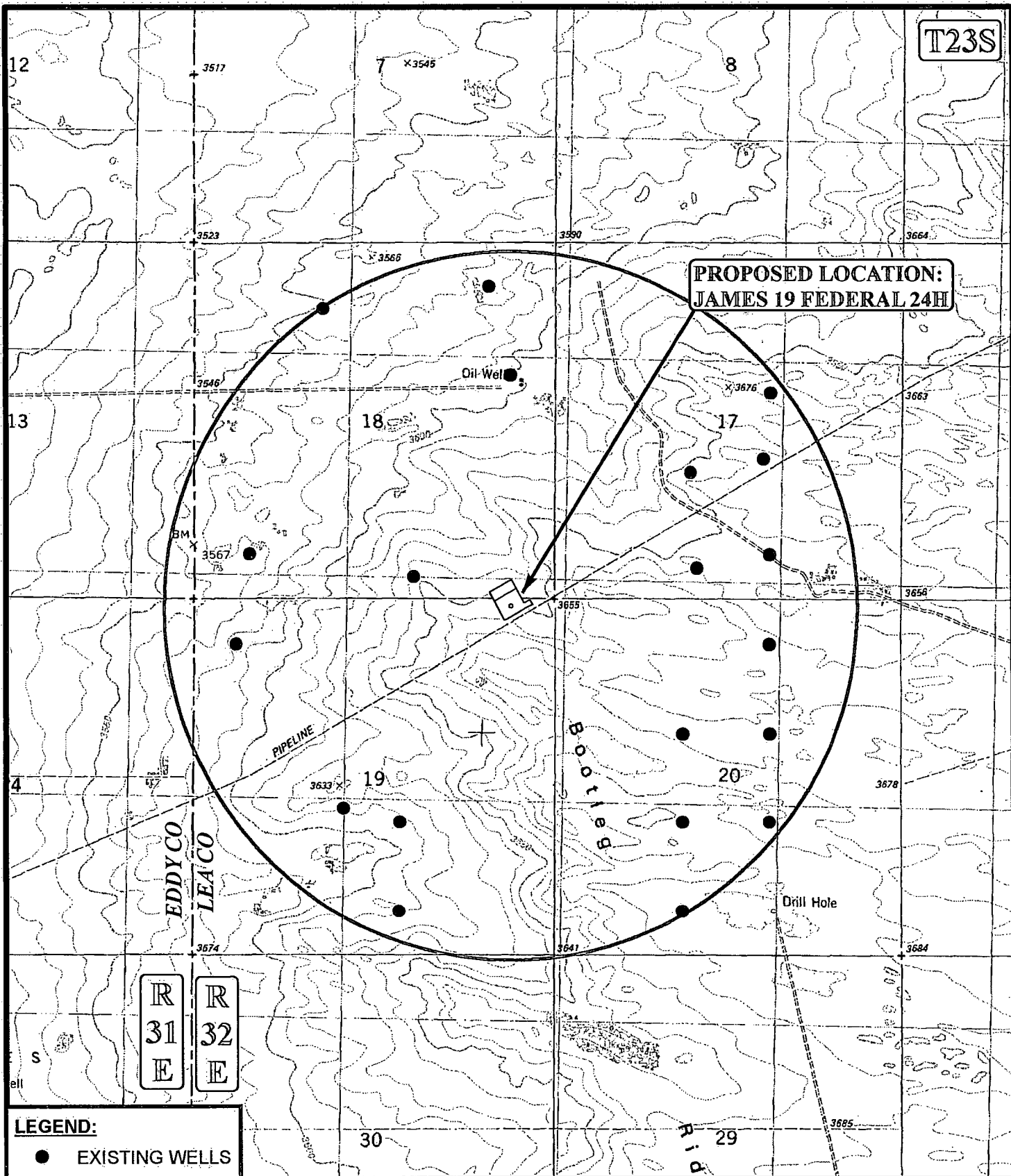


Exhibit A – One Mile Radius Map
James 19 Federal 24H
Cimarex Energy Company
19-23S-32E
SHL 130 FNL & 660 FEL
BHL 330 FSL & 660 FEL
Lea County, NM



LEGEND:

- EXISTING WELLS

SCALE: 1" = 2000'

REVISED:

DRAWN BY: J.L.H.

DATE DRAWN: 09-19-13



CIMAREX ENERGY CO.

JAMES 19 FEDERAL 24H
SECTION 19, T23S, R32E, N.M.P.M.
130' FNL 660' FEL

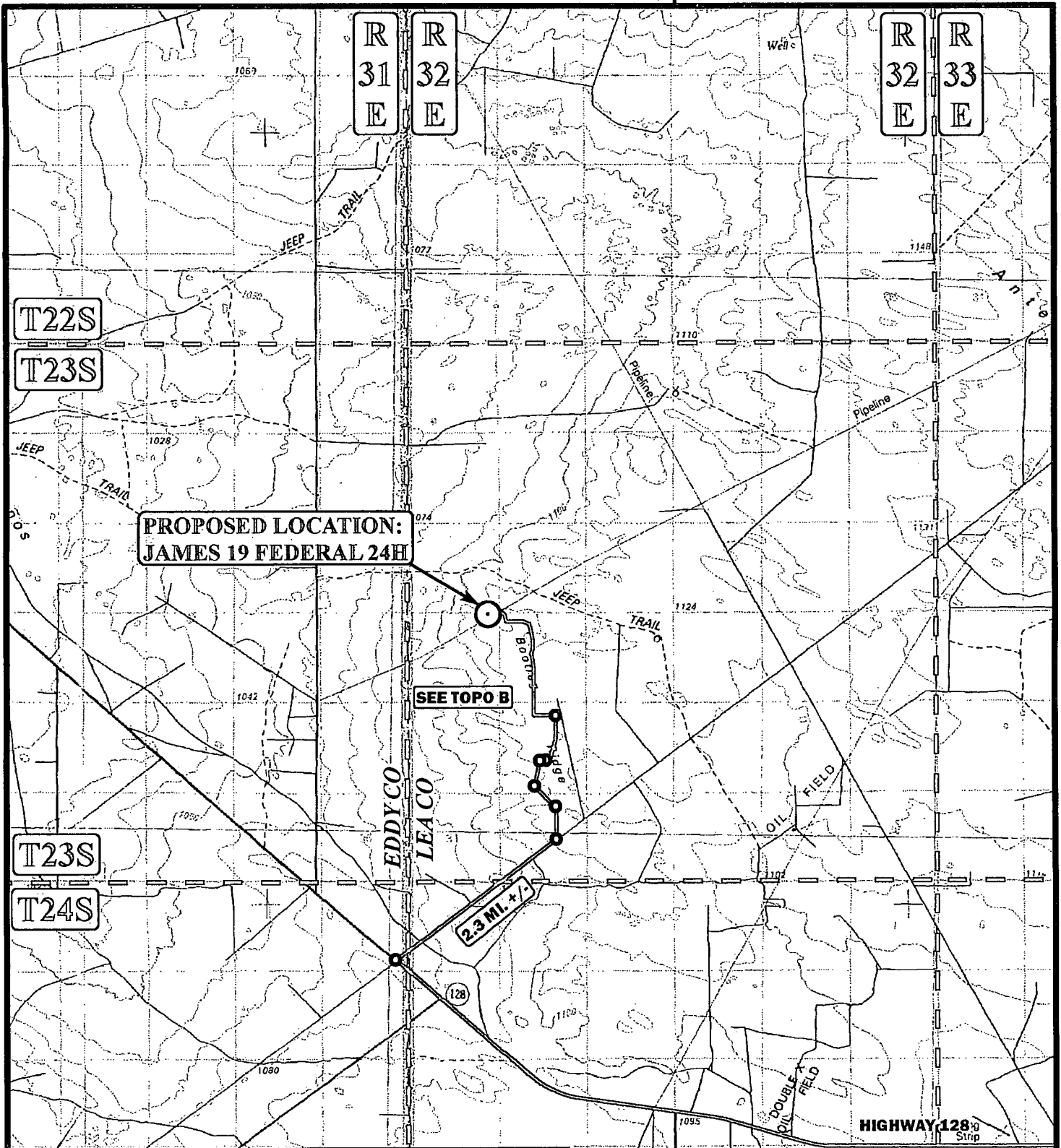
TOPOGRAPHIC MAP

TOPO C



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

Public Access Road Map



LEGEND:



PROPOSED LOCATION

MALAGA, NEW MEXICO IS
+/- 21.9 MILES WESTERLY

SCALE: 1:100,000

REVISED: 10-08-13

DRAWN BY: J.L.H.

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

DATE DRAWN: 09-19-13

N



CIMAREX ENERGY CO.

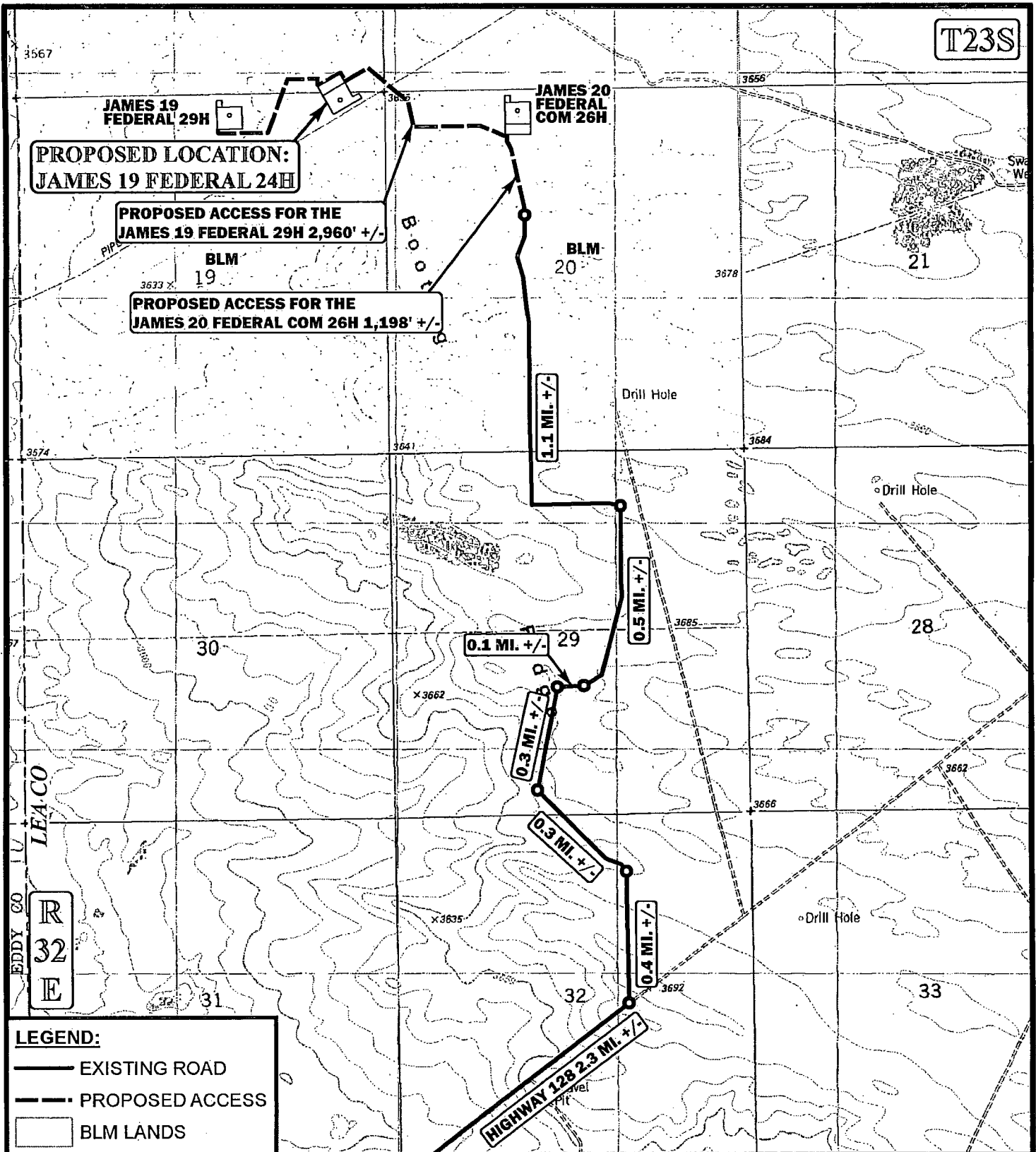
JAMES 19 FEDERAL 24H
SECTION 19, T23S, R32E, N.M.P.M.
130' FNL 660' FEL

ACCESS ROAD MAP

TOPO A



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



*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 UINTAH ENGINEERING & LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

SCALE: 1" = 2000'
 DRAWN BY: J.L.H.
 DATE DRAWN: 09-19-13

REVISED: 10-08-13
 REV:10-17-13J.L.G.

Exhibit C-1



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

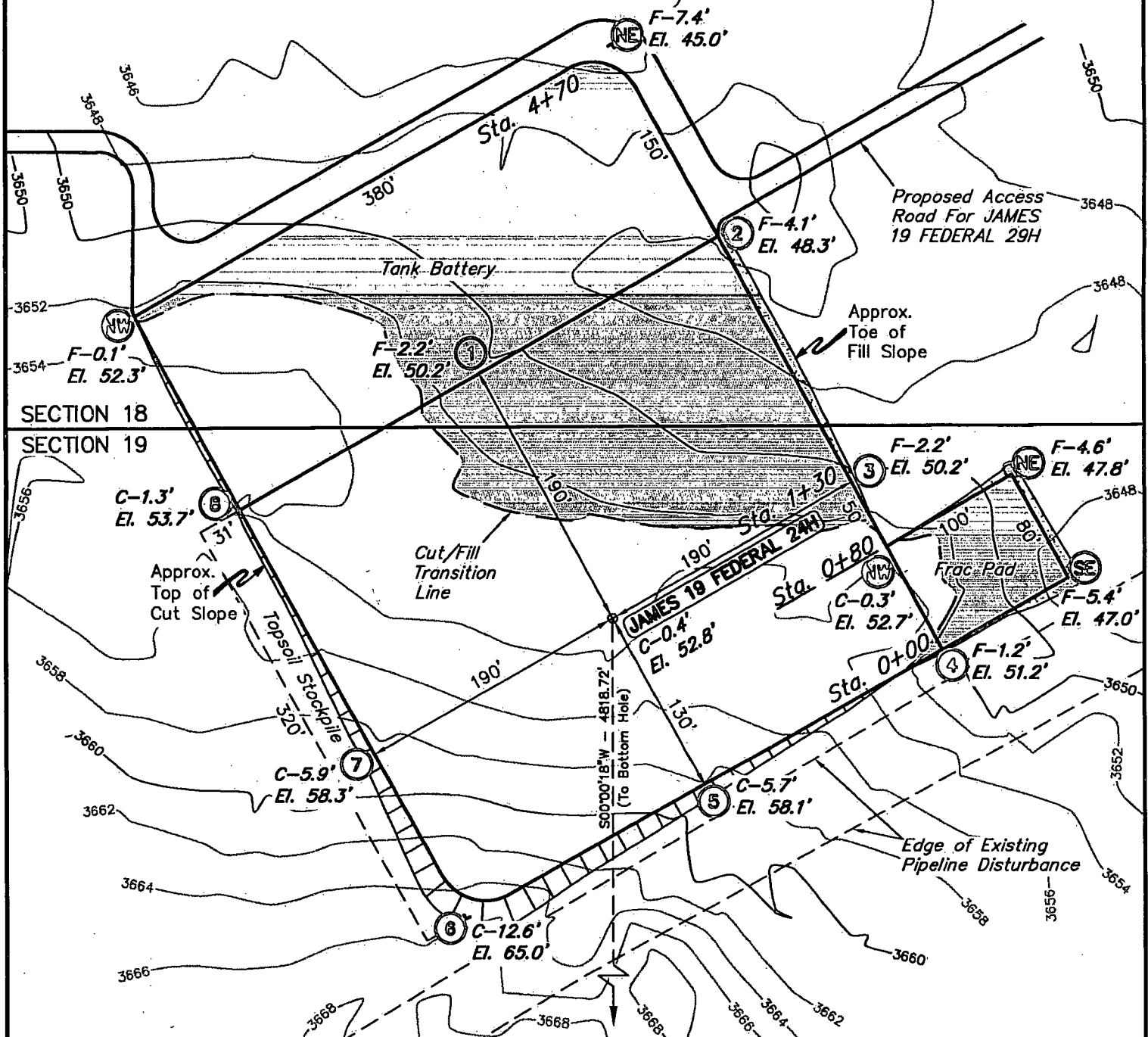
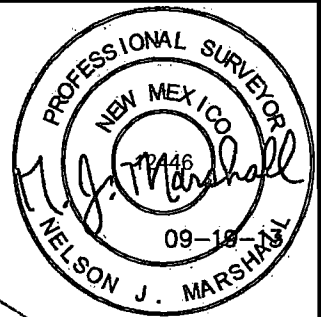
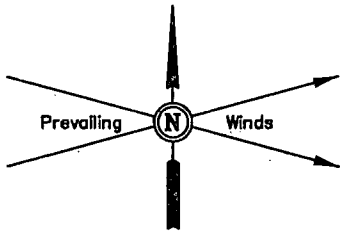


CIMAREX ENERGY CO.

**JAMES 19 FEDERAL 24H
 SECTION 19, T23S, R32E, N.M.P.M.
 130' FNL 660' FEL**

ACCESS ROAD MAP

TOPO B



ELEV. UNGRADED GROUND AT LOC. STAKE = 3652.8' FINISHED GRADE ELEV. AT LOC. STAKE = 3652.4'

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



CIMAREX ENERGY CO.

JAMES 19 FEDERAL 24H
SECTION 19, T23S, R32E, N.M.P.M.
130' FNL 660' FEL

DRAWN BY: J.S.

SCALE: 1" = 100'

DATE: 09-19-13

REVISED:

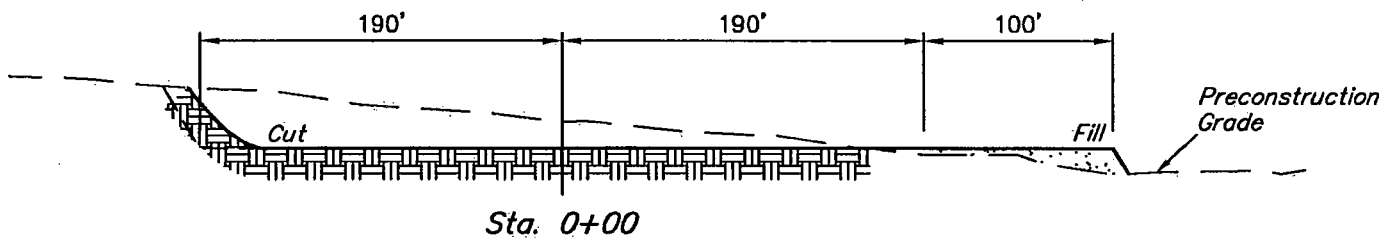
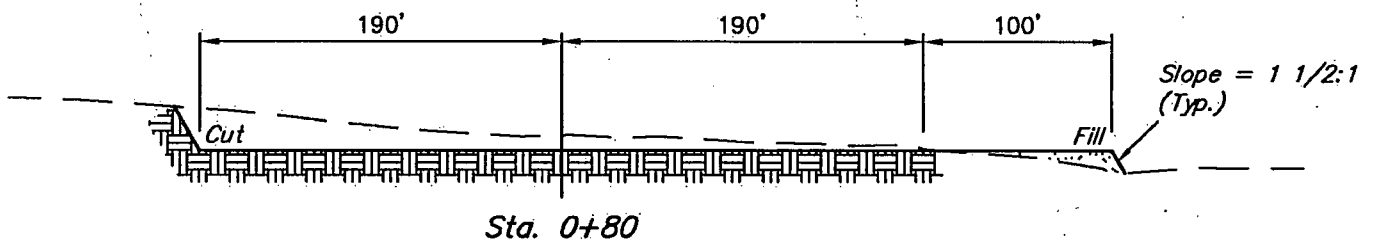
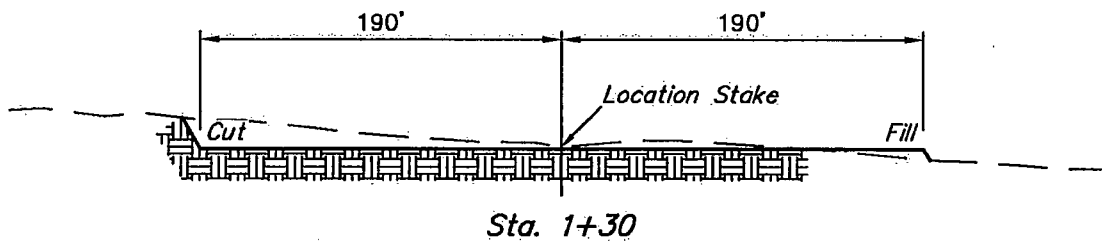
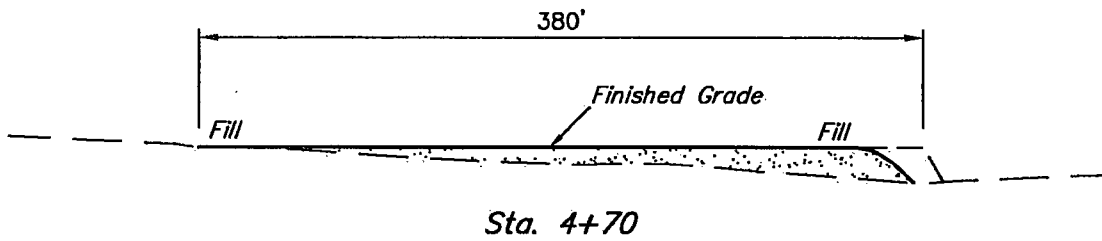
LOCATION LAYOUT

FIGURE #1



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

1" = 40'
X-Section
Scale
1" = 100'



APPROXIMATE EARTHWORK QUANTITIES		APPROXIMATE SURFACE DISTURBANCE AREAS		
(3") TOPSOIL STRIPPING	1,840 Cu. Yds.		DISTANCE	ACRES
REMAINING LOCATION	10,190 Cu. Yds.	WELL SITE DISTURBANCE	N/A	±4.724
TOTAL CUT	12,030 Cu. Yds.	TOTAL SURFACE USE AREA	N/A	±4.724
FILL	10,190 Cu. Yds.			
EXCESS MATERIAL	1,840 Cu. Yds.			
TOPSOIL	1,840 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.

Exhibit C-1



CIMAREX ENERGY CO.

JAMES 19 FEDERAL 24H
SECTION 19, T23S, R32E, N.M.P.M.
130' FNL 660' FEL

DRAWN BY: J.S.

SCALE: AS SHOWN

DATE: 09-19-13

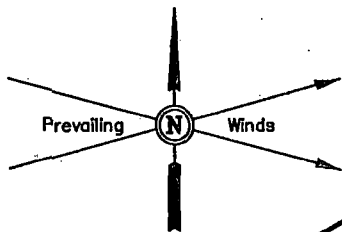
REVISED:

TYPICAL CROSS SECTIONS

FIGURE #2



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



Tank Battery

Proposed Access
Road For JAMES
19 FEDERAL 29H

SECTION 18

SECTION 19

Proposed
Well Head

Frac Pad

Topsoil Stockpile

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S30°E	153'

Edge of Existing
Pipeline Disturbance

600' X 740'
Archaeological Survey
Boundary

NOTES:



CIMAREX ENERGY CO.

JAMES 19 FEDERAL 24H
SECTION 19, T23S, R32E, N.M.P.M.
130' FNL 660' FEL

DRAWN BY: J.S.

SCALE: 1" = 100'

DATE: 09-19-13

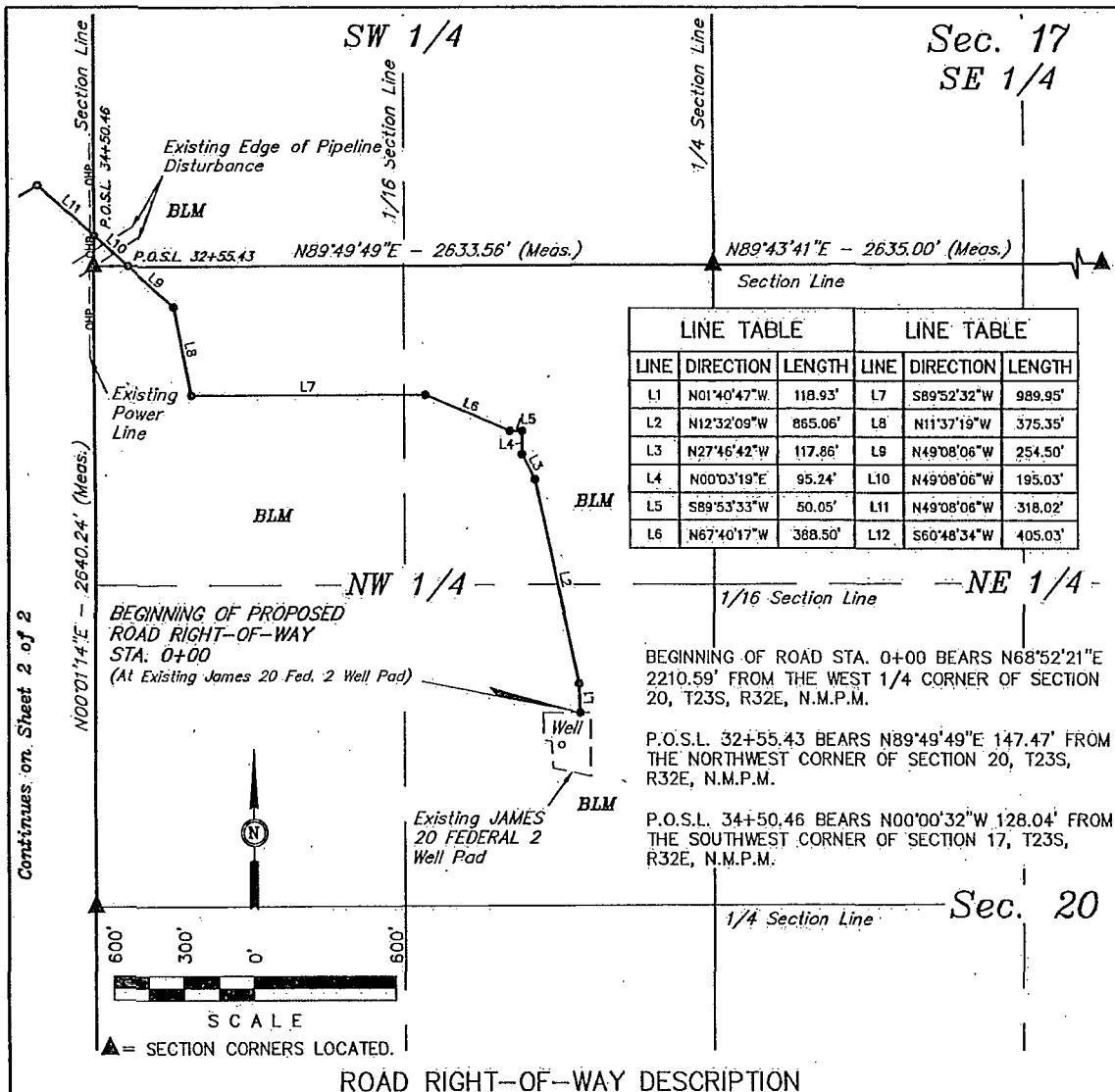
REVISED:

**ARCHAEOLOGICAL SURVEY
BOUNDARY**

FIGURE #4



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



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 405.03'; TO A POINT IN THE SE 1/4 SE 1/4 OF SECTION 18, T23S, R32E, N.M.P.M., WHICH BEARS N76°52'16"W 610.07' 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 2.874 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	723.06	0.498	43.82
TOTAL ON BLM	4173.52	2.874	252.94

CERTIFICATE OF PROFESSIONAL SURVEY

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.

Nelson Marshall
REGISTERED LAND SURVEYOR
REGISTRATION NO. 12446
STATE OF NEW MEXICO

11-26-13
SHEET 1 of 2

NOTES:
• The maximum grade of existing ground for the proposed access road is 16%.

Exhibit C-1



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



CIMAREX ENERGY CO.

JAMES 19 FEDERAL 24H
SECTION 19, T23S, R32E, N.M.P.M.
130' FNL 660' FEL

DRAWN BY: C.A.G.

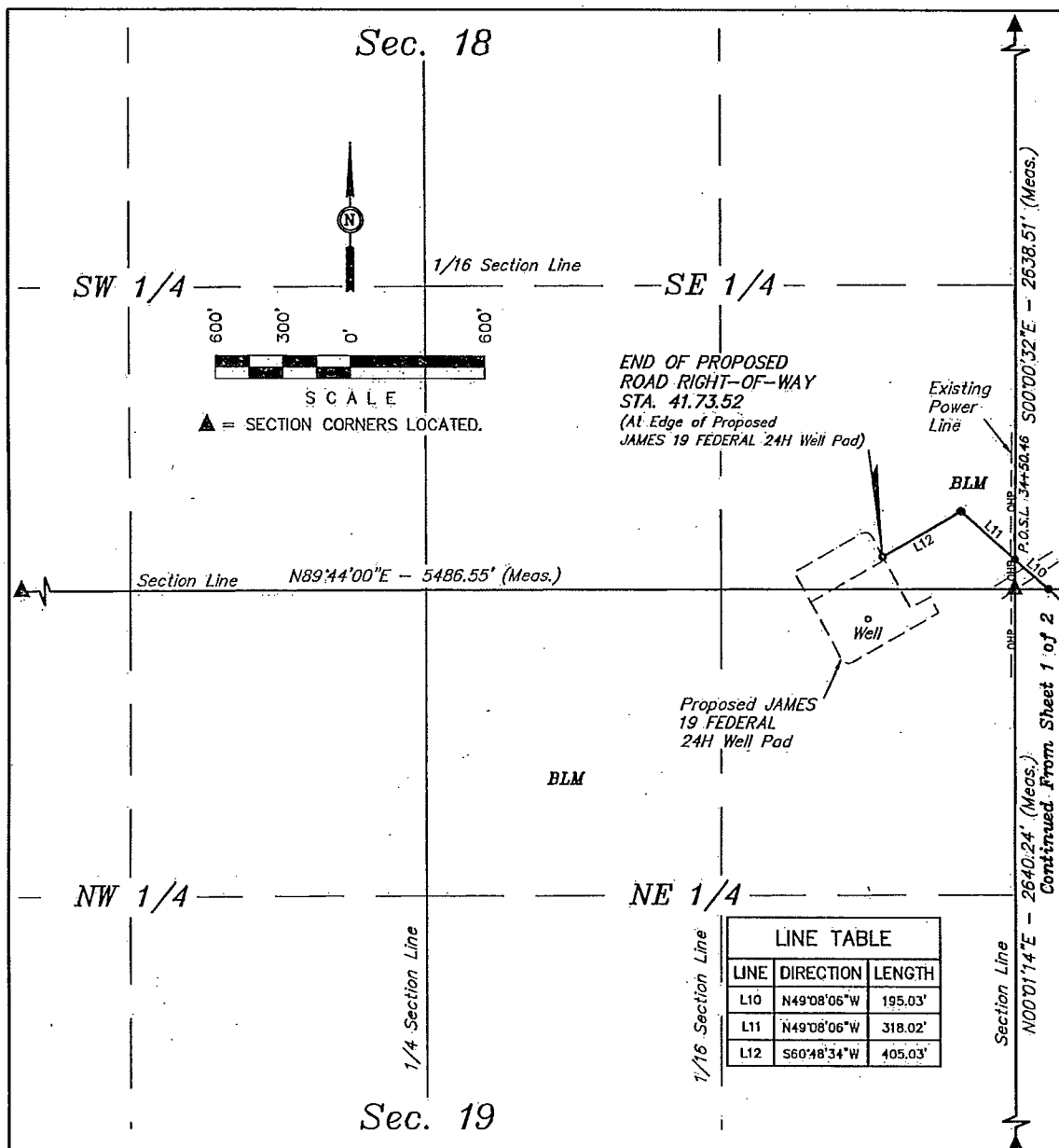
SCALE: 1" = 600'

DATE: 11-26-13

REV:

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.

END OF ROAD STA. 41+73.52 BEARS N76°52'16"W 610.07' FROM THE SOUTHEAST CORNER OF SECTION 18, T23S, R32E, N.M.P.M.

CERTIFICATE OF PROFESSIONAL SURVEY

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

Nelson J. Marshall

REGISTERED LAND SURVEYOR
REGISTRATION NO. 12446
STATE OF NEW MEXICO

SHEET 2 of 2

NOTES:

- The maximum grade of existing ground for the proposed access road is ±6%.

Exhibit C-1



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



CIMAREX ENERGY CO.

JAMES 19 FEDERAL 24H
SECTION 19, T23S, R32E, N.M.P.M.
130' FNL 660' FEL

DRAWN BY: C.A.G.

SCALE: 1" = 600'

DATE: 11-26-13

REV:

ACCESS ROAD R-O-W

EXHIBIT C-2