

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

HOBBS OCN
NOV 02 2014
RECEIVED

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025	² Pool Code 53805	³ Pool Name Sand Dunes Wildcat; Bone Spring
⁴ Property Code 313485	⁵ Property Name JAMES 19 FEDERAL	⁶ Well Number 31H
⁷ OGRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁹ Elevation 3648'

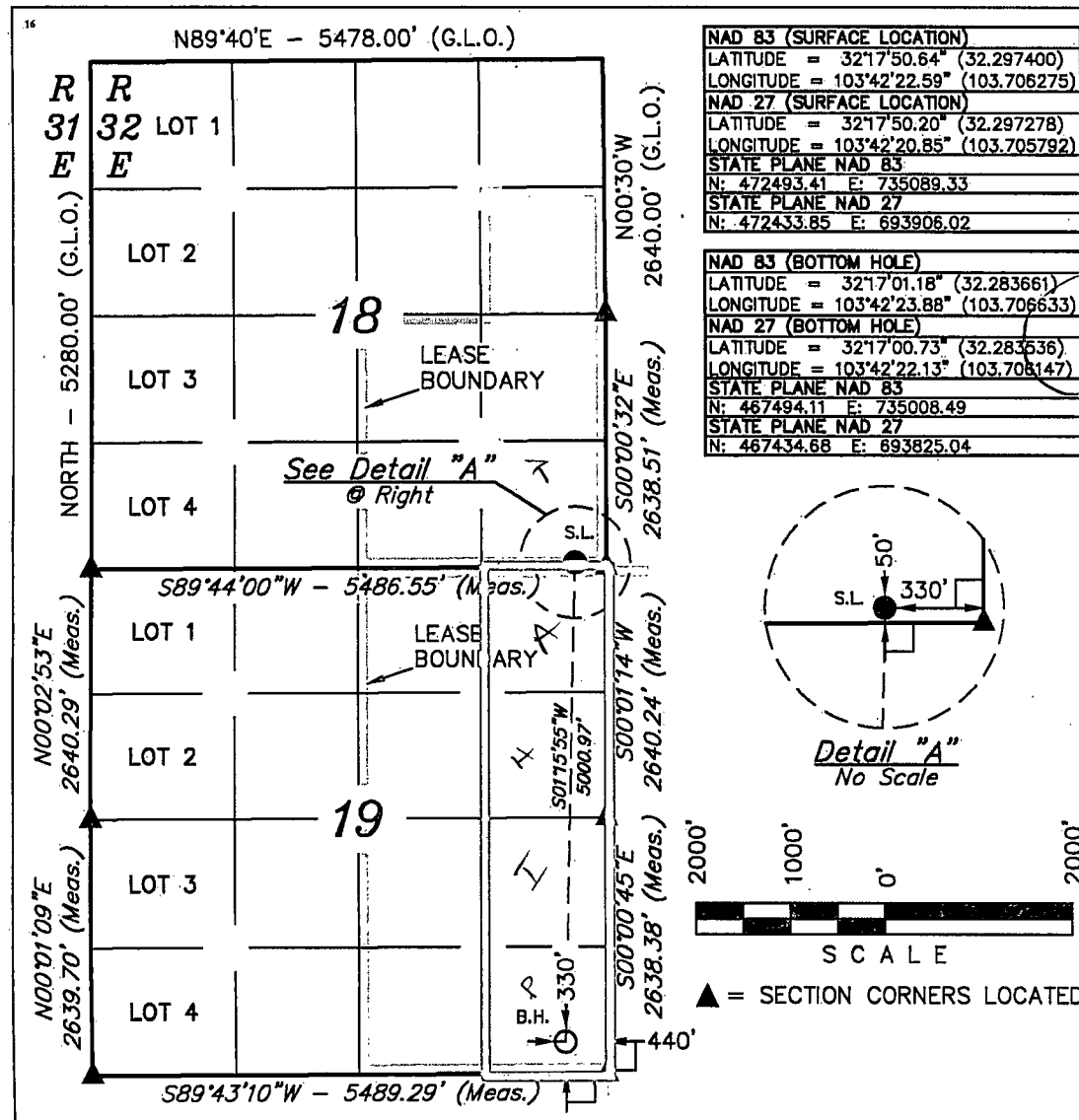
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	18	23S	32E		50	SOUTH	330	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	440	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: *[Signature]* Date: 1-3-14

Printed Name: Terri Stathem

tstathem@cimarex.com

E-mail Address

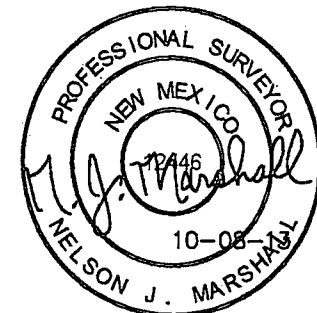
¹⁸ SURVEYOR
CERTIFICATION

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:

NOV 04 2014

T
23
S

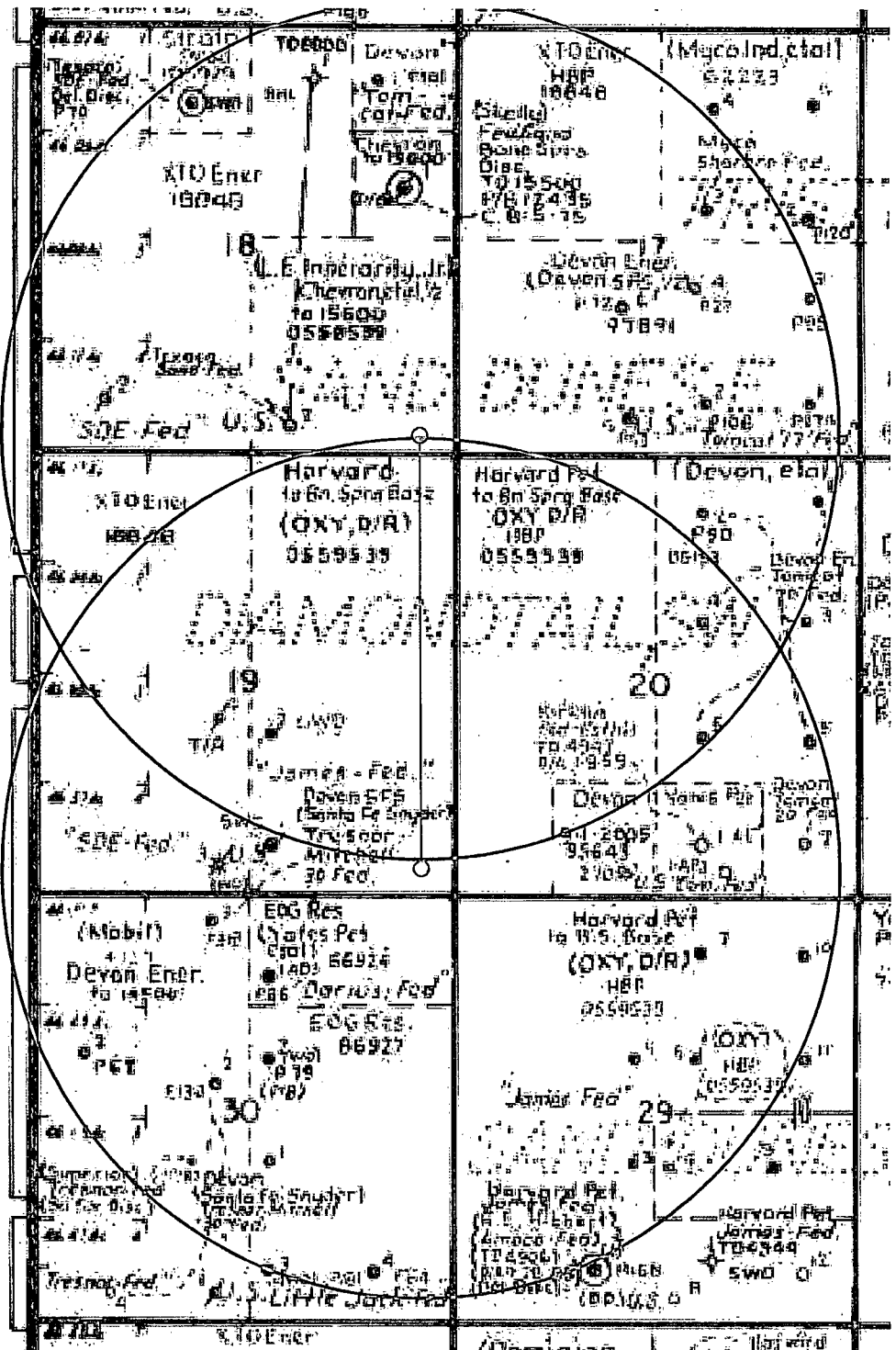


Exhibit A – One Mile Radius Map
James 19 Federal 31H
Cimarex Energy Company
18-23S-32E
SHL 50 FSL & 330 FEL, Sec. 18-23S-32E
BHL 330 FSL & 440 FEL, Sec. 19-23S-32E
Lea County, NM

Public Access Road Map

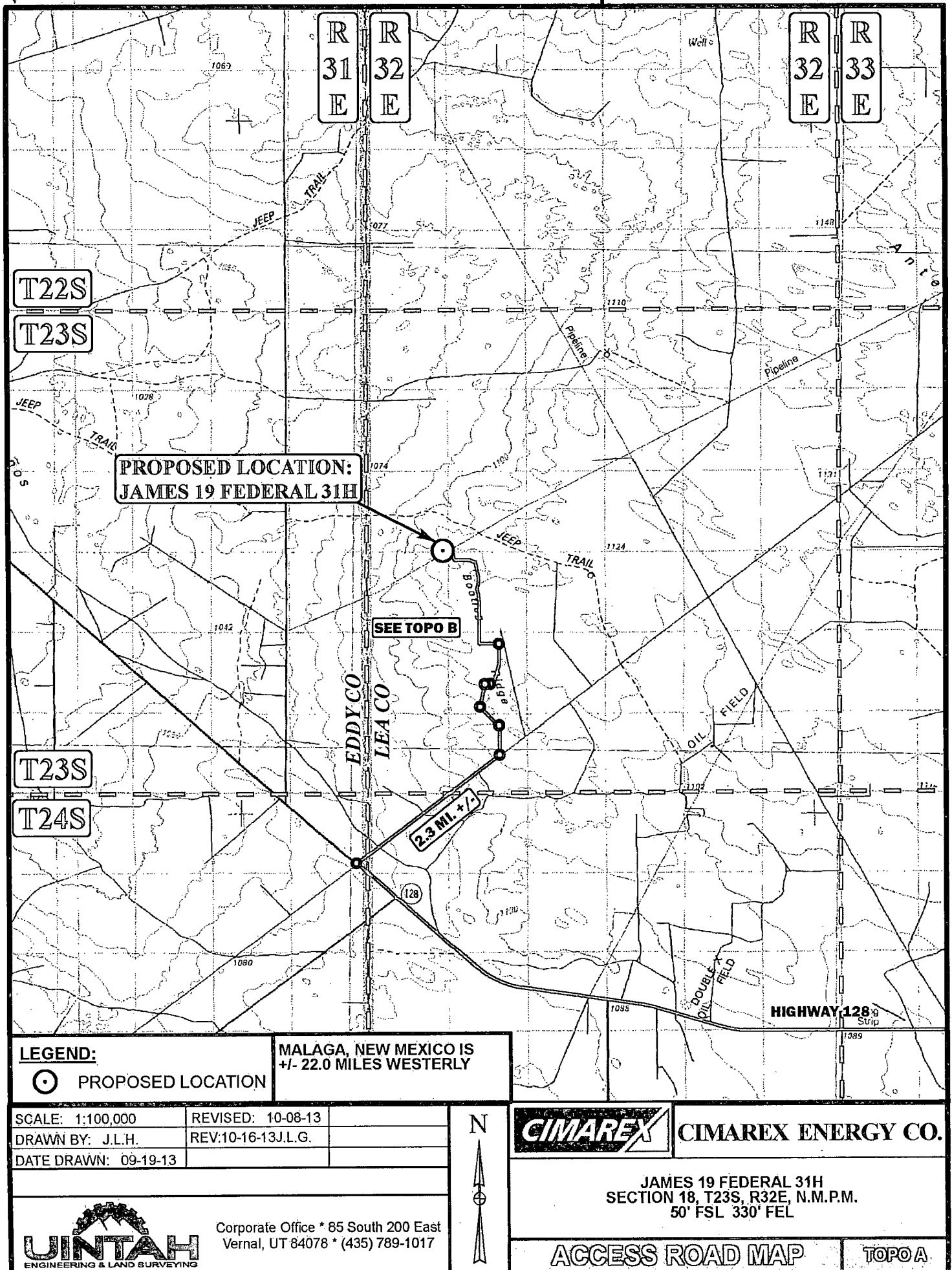
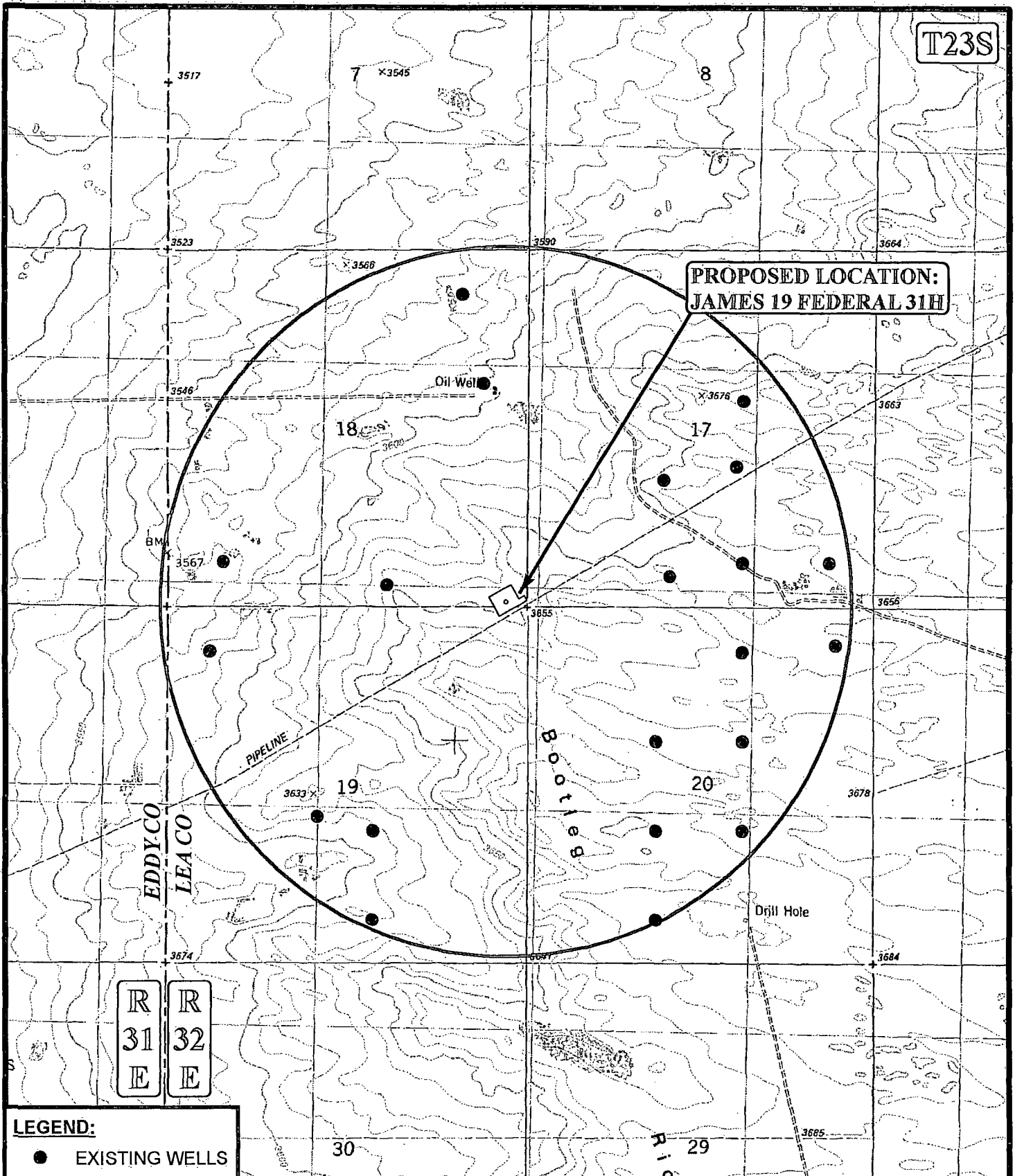


Exhibit B

T23S



LEGEND:

- EXISTING WELLS

SCALE: 1" = 2000'

REVISED:

DRAWN BY: J.L.H.

DATE DRAWN: 09-19-13

N



CIMAREX ENERGY CO.

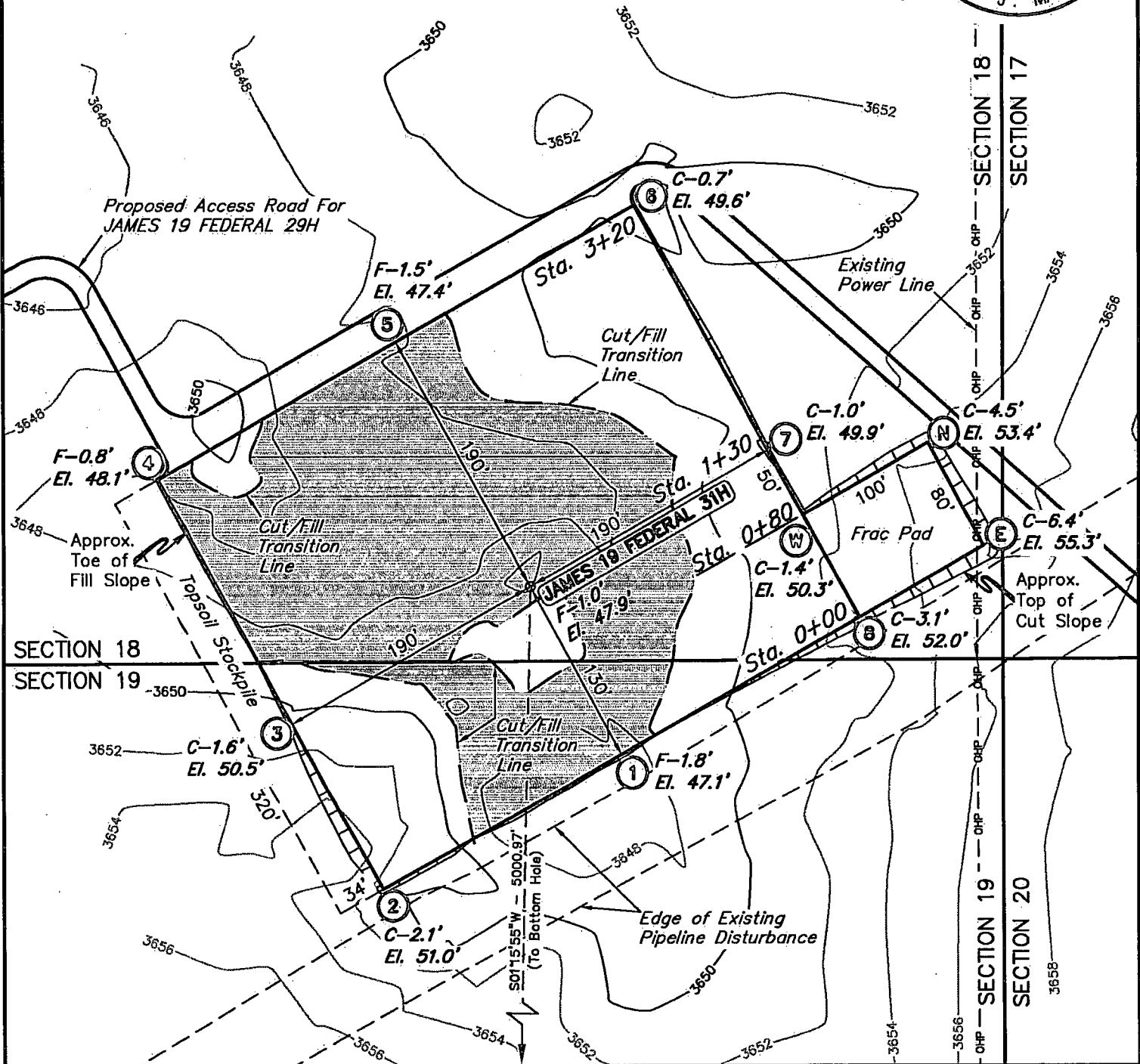
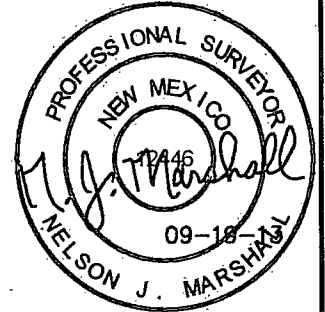
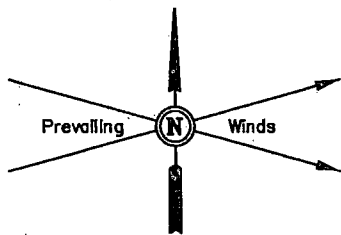
JAMES 19 FEDERAL 31H
SECTION 18, T23S, R32E, N.M.P.M.
50' FSL 330' FEL

TOPOGRAPHIC MAP

TOPO C



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



ELEV. UNGRADED GROUND AT LOC. STAKE = 3647.9' FINISHED GRADE ELEV. AT LOC. STAKE = 3648.9'

- NOTES:
- Underground utilities shown on this sheet are for visualization purposes only, actual locations to be determined prior to construction.
 - Earthwork calculations require a fill of 1.0' @ the location stake for balance. All fill is to be compacted to a minimum of 95% of the maximum dry density obtained by AASHTO method t-99.

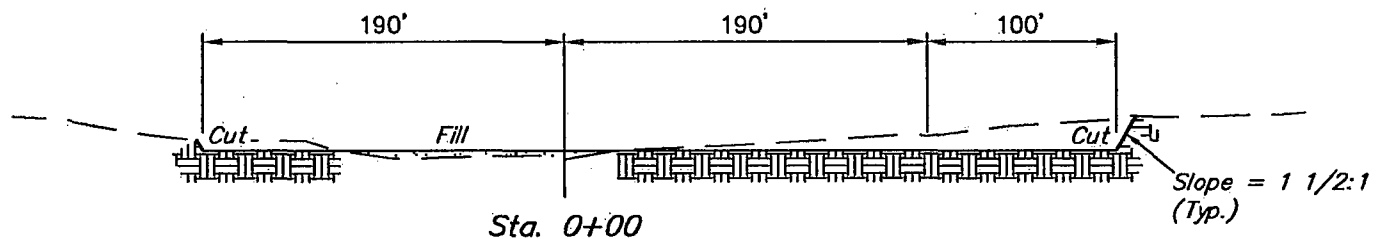
Exhibit C-1

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CIMAREX		CIMAREX ENERGY CO.	
JAMES 19 FEDERAL 31H SECTION 18, T23S, R32E, N.M.P.M. 50' FSL 330' FEL			
DRAWN BY: J.S.		SCALE: 1" = 100'	
DATE: 09-19-13		REVISED:	
LOCATION LAYOUT		FIGURE #1	

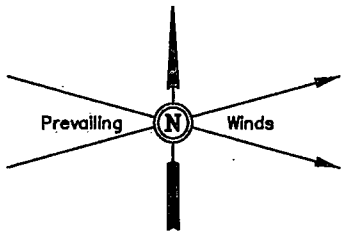
A circular professional seal for Nelson J. Marshall, a Professional Surveyor in New Mexico. The seal features the text "PROFESSIONAL SURVEYOR" at the top and "NELSON J. MARSHALL" at the bottom. In the center, it says "NEW MEXICO" and "12446". A signature "N. J. Marshall" is written across the center, and the date "09-18-81" is stamped at the bottom.



APPROXIMATE EARTHWORK QUANTITIES		APPROXIMATE SURFACE DISTURBANCE AREAS		
(5") TOPSOIL STRIPPING	2,080 Cu. Yds.		DISTANCE	ACRES
REMAINING LOCATION	3,360 Cu. Yds.	WELL SITE DISTURBANCE	N/A	±3.320
TOTAL CUT	5,440 Cu. Yds.	TOTAL SURFACE USE AREA	N/A	±3.320
FILL	3,360 Cu. Yds.			
EXCESS MATERIAL	2,080 Cu. Yds.			
TOPSOIL	2,080 Cu. Yds.			
EXCESS UNBALANCE (After Interim Rehabilitation)	0 Cu. Yds.			



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600' X 600'
Archaeological Survey
Boundary

Proposed Access
Road For JAMES
19 FEDERAL 29H

Proposed
Well Head

Frac Pad

SECTION 18
SECTION 19

Topsoil Stockpile

L2

L1

±58'

Existing
Power Line

Edge of Existing
Pipeline Disturbance

SECTION 18
SECTION 17
SECTION 19
SECTION 20

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S30°E	150'
L2	EAST	312'

NOTES:

Exhibit C-1



CIMAREX ENERGY CO.

JAMES 19 FEDERAL 31H
SECTION 18, T23S, R32E, N.M.P.M.
50' FSL 330' FEL

DRAWN BY: J.S.

SCALE: 1" = 100'

DATE: 09-19-13

REVISED:

ARCHAEOLOGICAL SURVEY
BOUNDARY

FIGURE #4



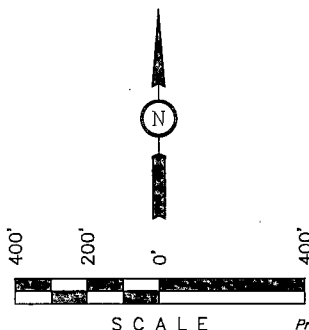
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Sec. 18

Bank Dattery

SW 1/4 1/16 Section Line

SE 1/4



Section Line N89°44'00"E - 5486.55' (Meas.)

Proposed JAMES 19 FEDERAL 29H Well Pad

Proposed JAMES 19 FEDERAL 29H Access Road

Proposed JAMES 19 FEDERAL 30H Well Pad

END OF PROPOSED 31 ROAD RIGHT-OF-WAY STA. 0+39.82 (At Edge of Proposed Well Pad)

BLM BEGINNING OF PROPOSED ROAD RIGHT-OF-WAY STA. 0+00 (At Proposed JAMES 19 FEDERAL 29H Access Pad)

Proposed JAMES 19 FEDERAL 24H Well Pad

BLM

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S60°47'19"W	39.82'

NW 1/4

NE 1/4

Sec. 19

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 SE 1/4 OF SECTION 18, T23S, R32E, N.M.P.M., WHICH BEARS N34°23'19"W 380.36' FROM THE SOUTHEAST CORNER OF SAID SECTION 18, THENCE S60°47'19"W 39.82' TO A POINT IN THE SE 1/4 SE 1/4 OF SAID SECTION 18, WHICH BEARS N40°17'09"W 385.99' 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 0.027 ACRES MORE OR LESS.

BEGINNING OF ROAD STA. 0+00 BEARS N34°23'19"W 380.36' FROM THE SOUTHEAST CORNER OF SECTION 18, T23S, R32E, N.M.P.M.

END OF ROAD STA. 0+39.82 BEARS N40°17'09"W 385.99' FROM THE SOUTHEAST CORNER OF SECTION 18, T23S, R32E, N.M.P.M.

RIGHT-OF-WAY LENGTHS

DESCRIPTION	FEET	ACRES	RODS
BLM	39.82	0.027	2.41

▲ = SECTION CORNERS LOCATED.

NOTES:

- The maximum grade of existing ground for the proposed access road is ±0.2%.

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.

CERTIFICATE OF PROFESSIONAL SURVEYOR
 Nelson J. Marshall
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 12448
 STATE OF NEW MEXICO 01-24-13



CIMAREX ENERGY CO.

JAMES 19 FEDERAL 31H
 SECTION 18, T23S, R32E, N.M.P.M.
 50' FSL 330' FEL

DRAWN BY: C.A.G.

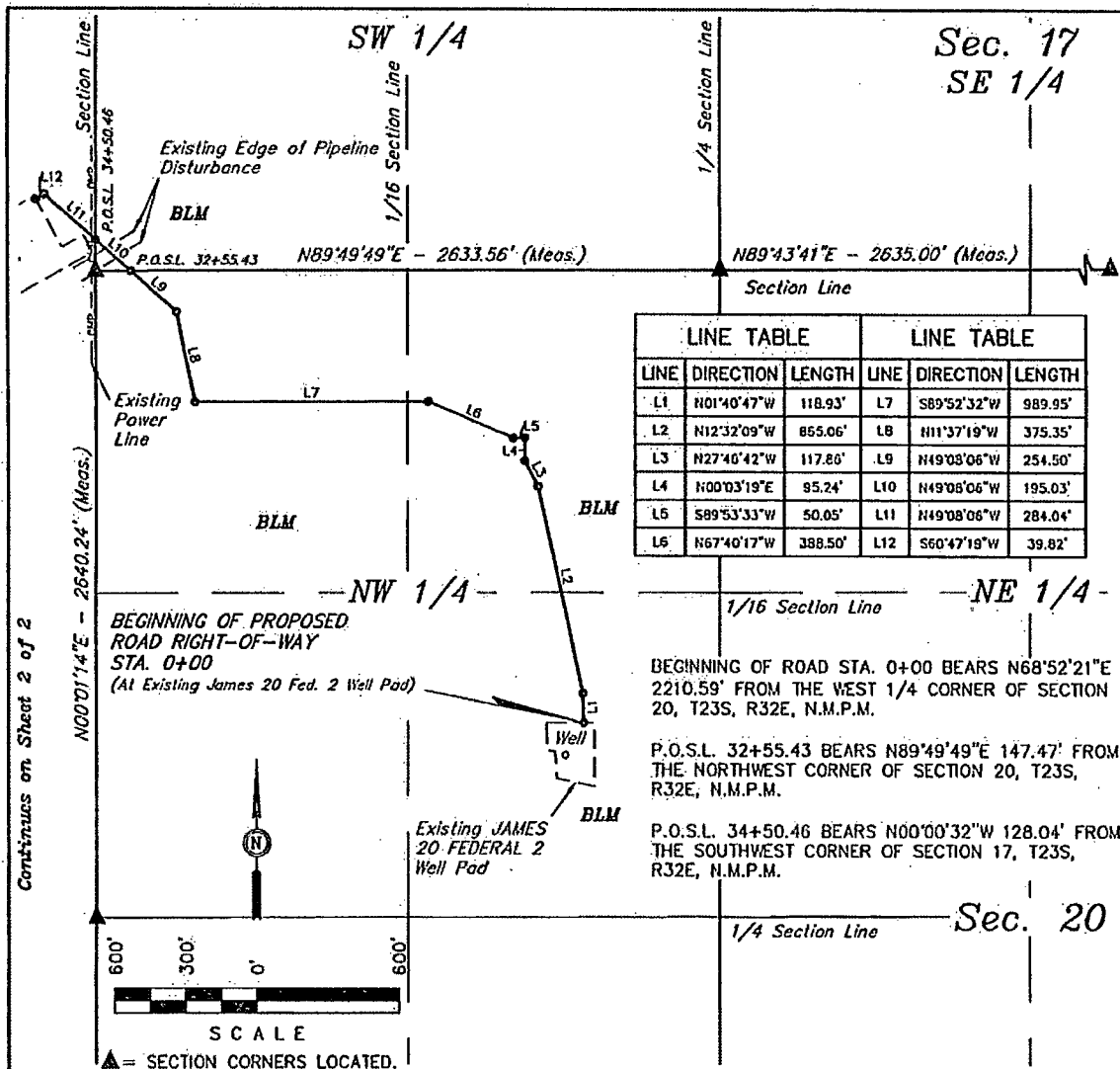
SCALE: 1" = 400'

DATE: 11-26-13

REV: 01-24-14 B.D.H.



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 Vernal, UT 84078 * (435) 789-1017



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	323.86	0.223	19.63
TOTAL ON BLM	3774.32	2.599	228.75

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.

Melvin J. 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



CIMAREX ENERGY CO.

JAMES 19 FEDERAL 31H
SECTION 18, T23S, R32E, N.M.P.M.
60' FSL 330' FEL

DRAWN BY: C.A.G.

SCALE: 1" = 600'

DATE: 11-26-13

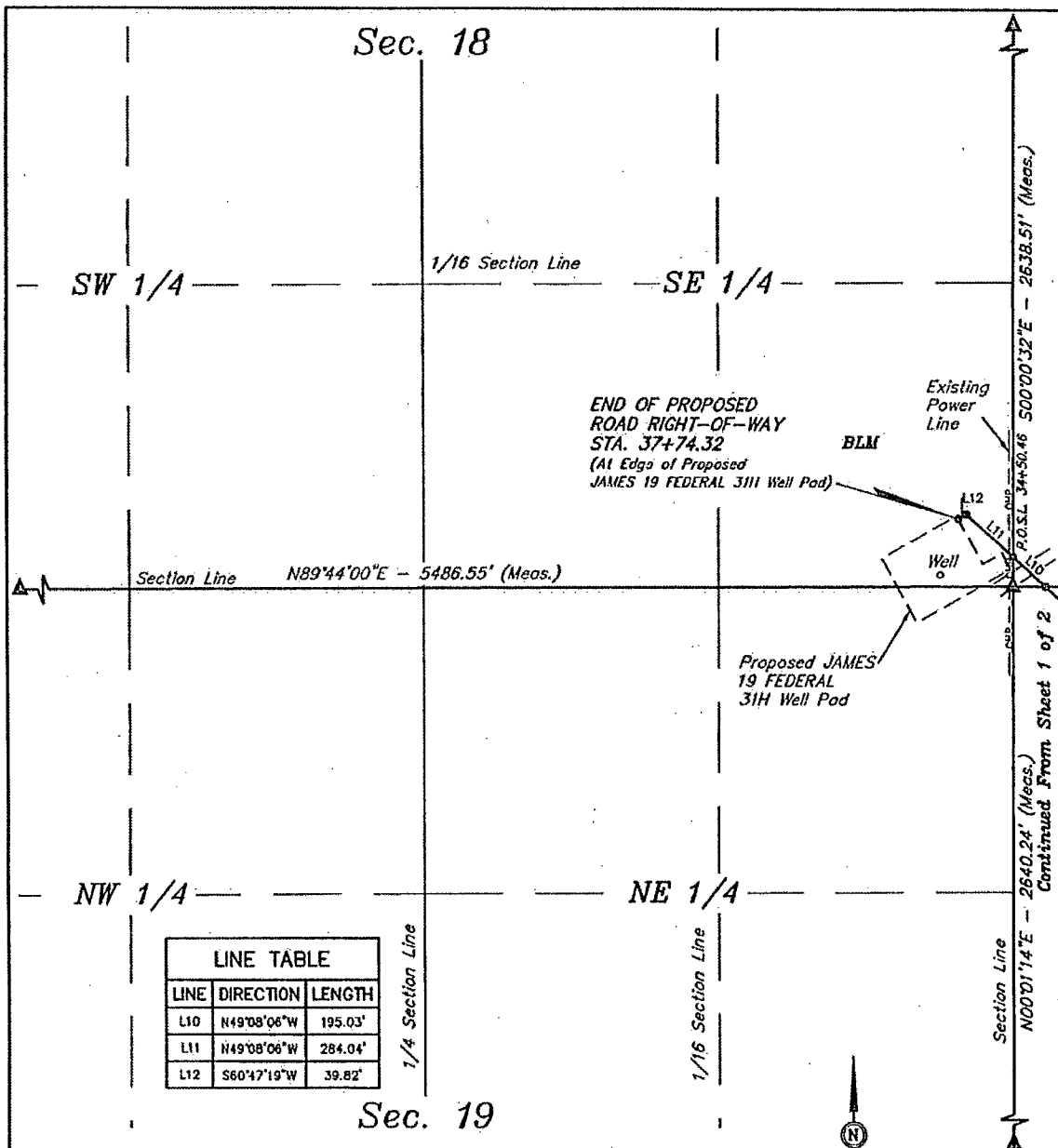
REV:

ACCESS ROAD R-O-W

EXHIBIT C-2



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



CERTIFICATE OF PROFESSIONAL SURVEYOR

THIS IS TO CERTIFY THAT THE ABOVE MAP 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.

12448

Nelson J. Marshall

REGISTERED LAND SURVEYOR
REGISTRATION NO. 12448
STATE OF NEW MEXICO

11-26-13

NOTES:

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

Exhibit C-1



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CIMAREX ENERGY CO.	
JAMES 19 FEDERAL 31H SECTION 18, T23S, R32E, N.M.P.M. 60' FSL 330' FEL	
DRAWN BY: C.A.G.	SCALE: 1" = 600'
DATE: 11-26-13	REV:
ACCESS ROAD R-O-W	
EXHIBIT C-2	

CIMAREX ENERGY CO.
JAMES 19 FEDERAL 31H
SECTION 19, T23S, R32E, N.M.P.M.

BEGINNING AT HIGHWAY 128 PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 2.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN LEFT AND PROCEED IN A WESTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 1.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE JAMES 20 FEDERAL COM 26H TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 1,198' TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE JAMES 19 FEDERAL 29H TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 2,573' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM HIGHWAY 128 TO THE PROPOSED LOCATION IS APPROXIMATELY 5.7 MILES.