

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

HOBBSDOCD
SEP 22 2014

AMENDED REPORT

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-42138	² Pool Code 53805	³ Well Name SAND DUNES, SOUTH
⁴ Property Code 38723	⁵ Property Name JAMES 20 FEDERAL	⁶ Well Number 32H
⁷ CRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁹ Elevation 3677'

¹⁰ Surface Location

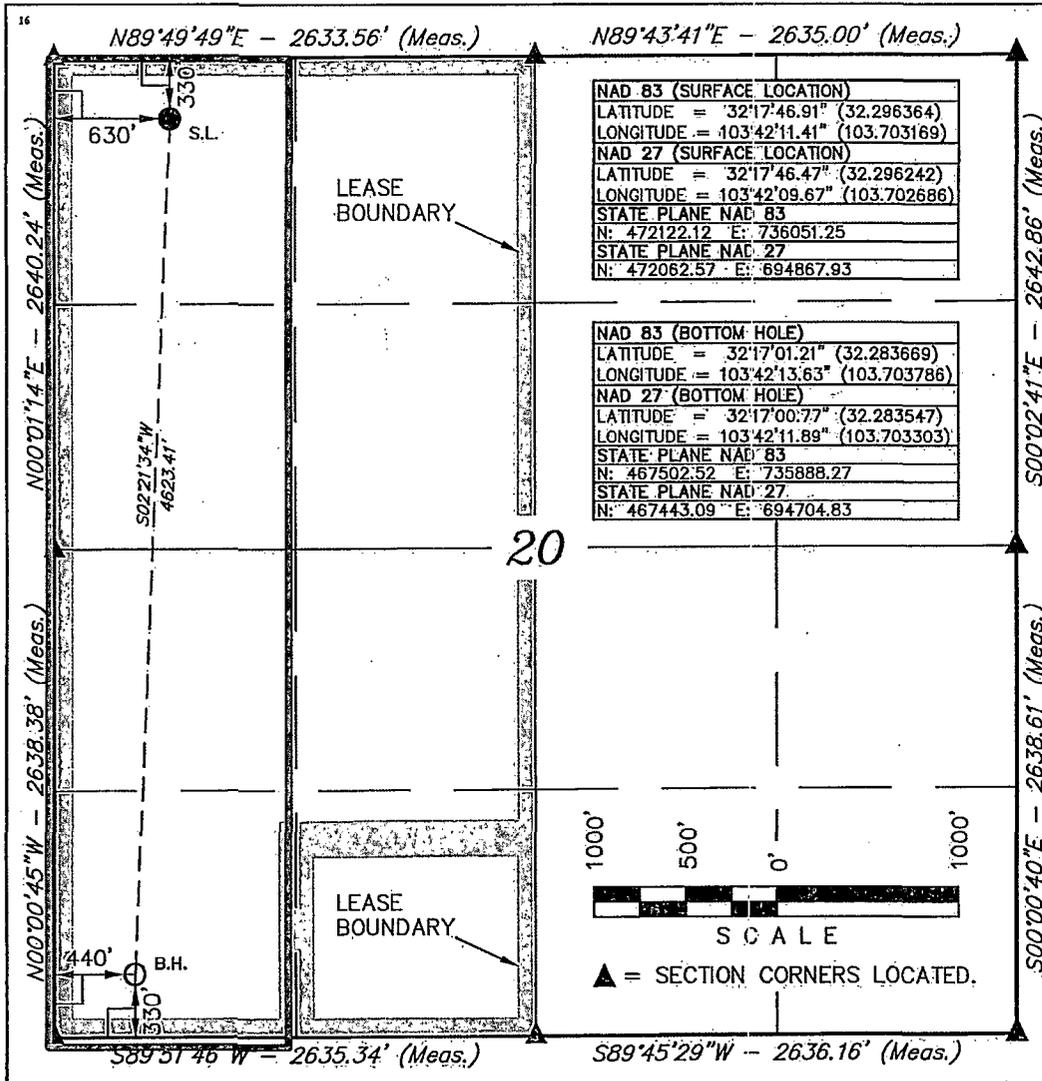
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	20	23S	32E		330	NORTH	630	WEST	LEA

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
M	20	23S	32E		330	SOUTH	440	WEST	LEA

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

Hope Knauls 12/10/13
Signature Date

Printed Name
hknauls@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:

Am.

CIMAREX ENERGY CO.
JAMES 20 FEDERAL 32H
SECTION 20, 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 1,023' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM HIGHWAY 128 TO THE PROPOSED LOCATION IS APPROXIMATELY 5.4 MILES.

T
23
S

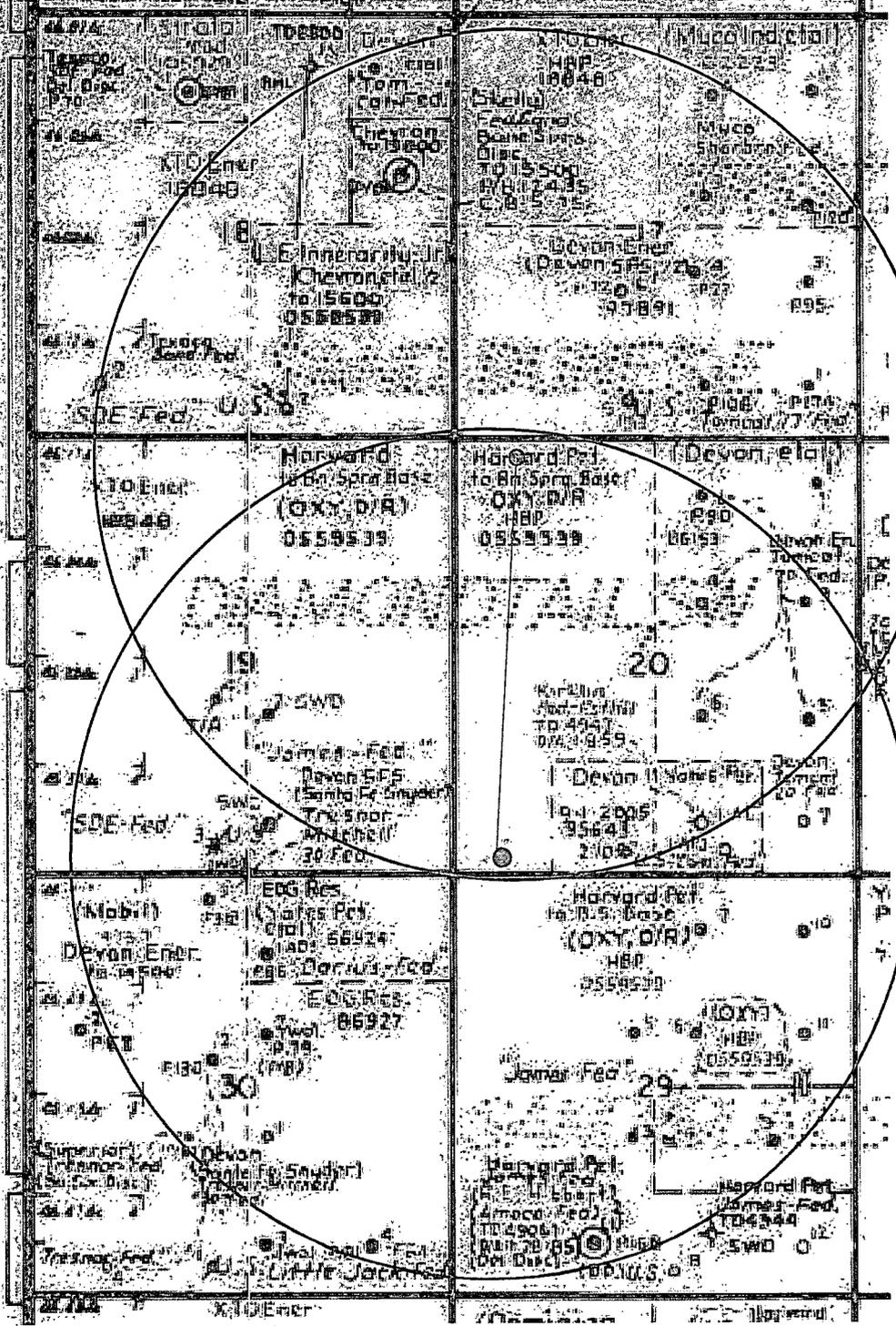
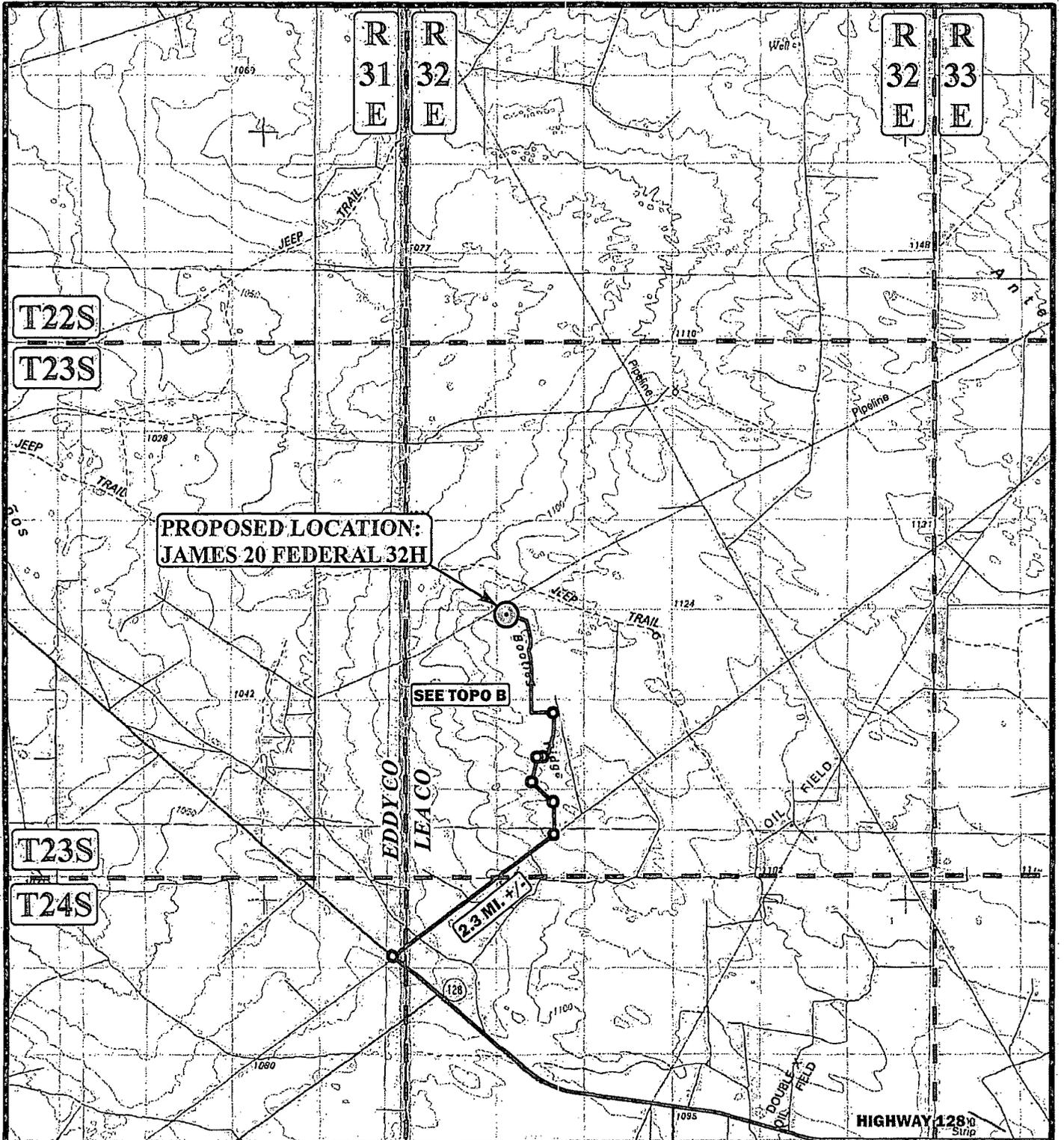


Exhibit A – One Mile Radius Map
James 20 Federal 32H
Cimarex Energy Co.
20-23S-32E
SHL 330 FNL & 630 FWL
BHL 330 FSL & 440 FWL
Lea County, NM



LEGEND:

 PROPOSED LOCATION

MALAGA, NEW MEXICO IS +/- 22.1 MILES WESTERLY

SCALE: 1:100,000	REVISED: 10-08-13
DRAWN BY: J.L.H.	REV:10-17-13J.L.G.
DATE DRAWN: 09-18-13	

Exhibit B



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



CIMAREX ENERGY CO.

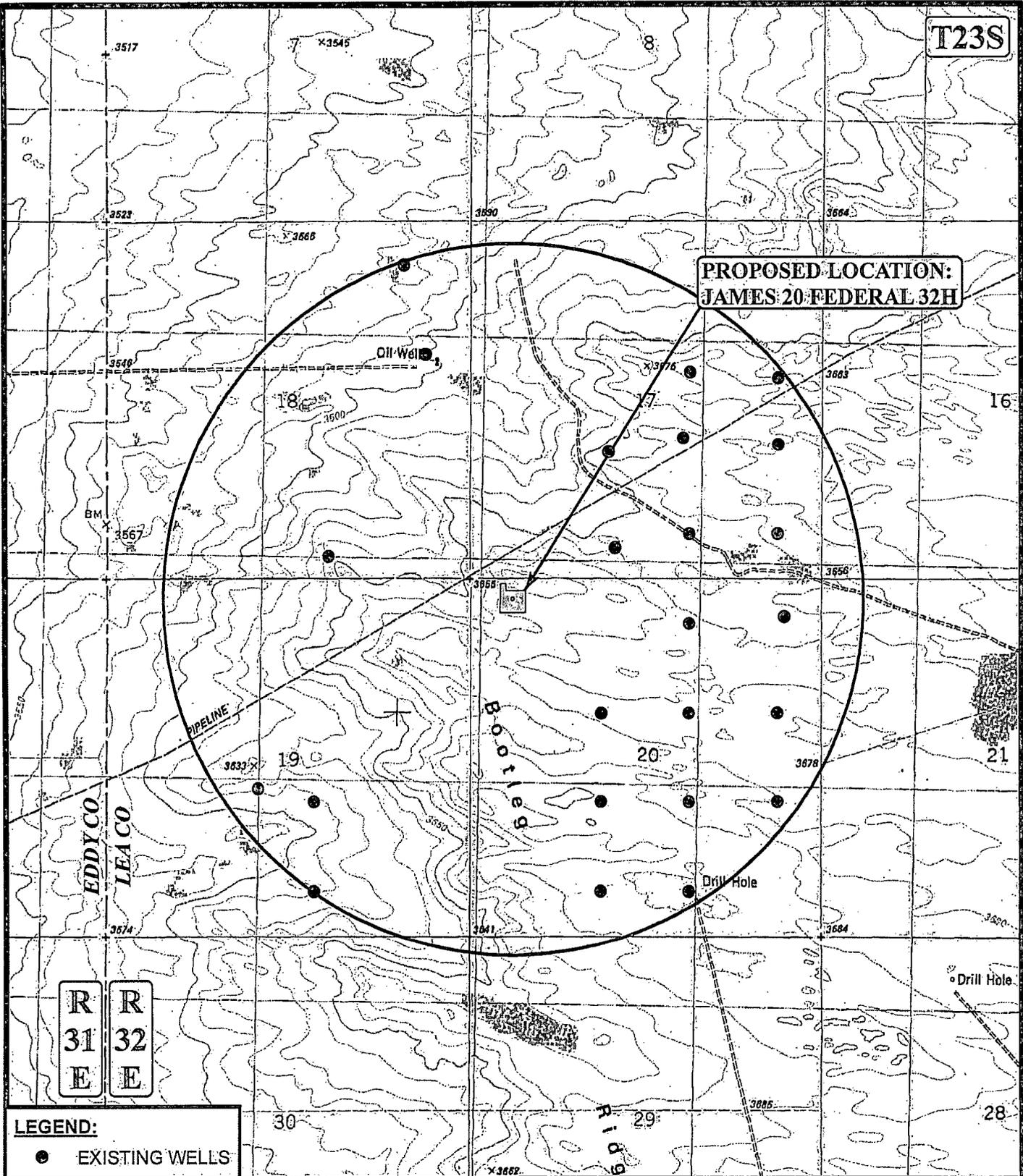
JAMES 20 FEDERAL 32H
SECTION 20, T23S, R32E, N.M.P.M.
330' FNL 630' FWL

ACCESS ROAD MAP

TOPO A

T23S

PROPOSED LOCATION:
JAMES 20 FEDERAL 32H



R	R
31	32
E	E

LEGEND:

● EXISTING WELLS

SCALE: 1"= 2000'	REVISED:
DRAWN BY: J.L.H.	
DATE DRAWN: 09-18-13	



CIMAREX ENERGY CO.

JAMES 20 FEDERAL 32H
SECTION 20, T23S, R32E, N.M.P.M.
330' FNL 630' FWL

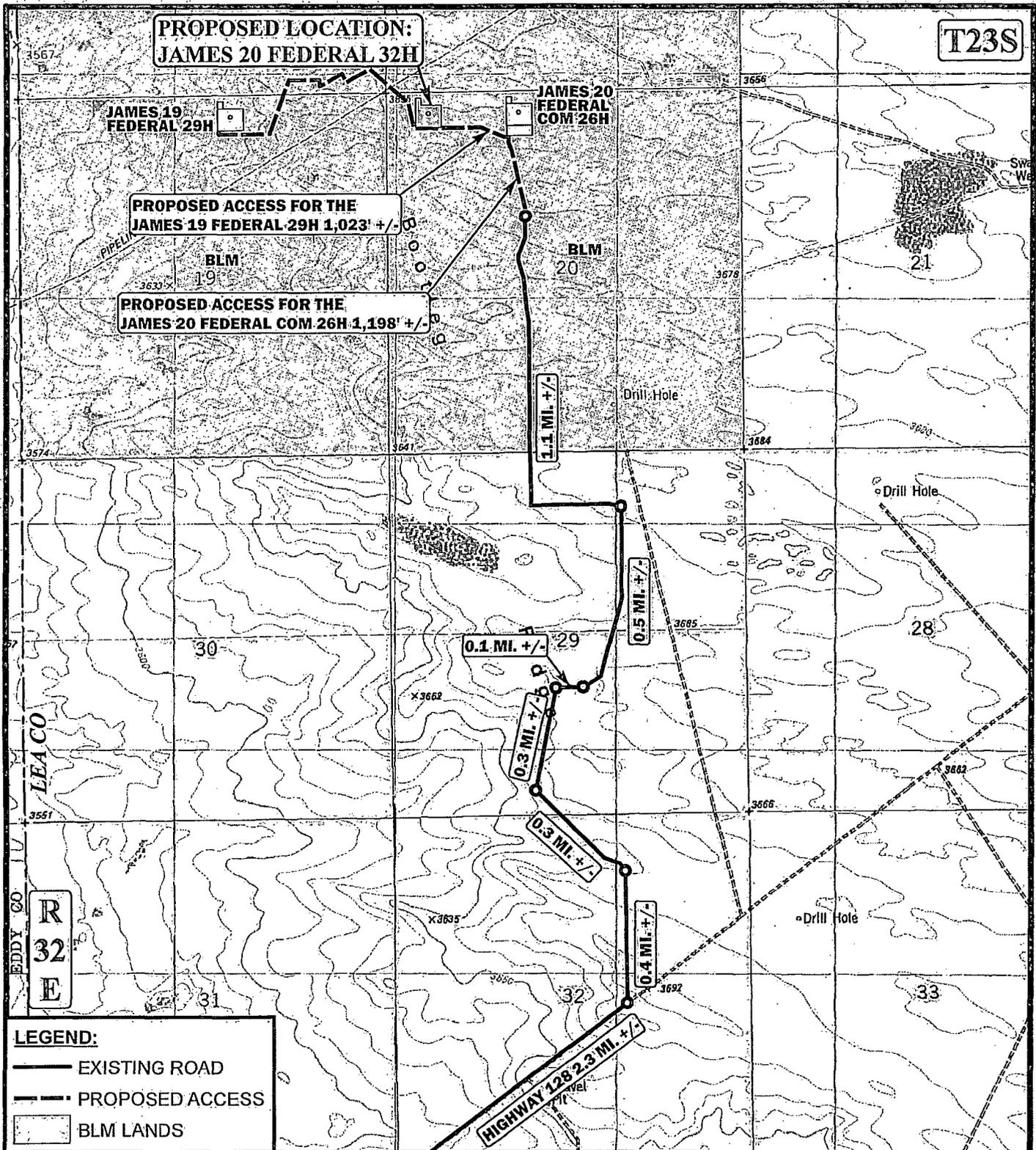


Corporate Office **85 South 200 East
Vernal, UT 84078 ** (435) 789-1017

TOPOGRAPHIC MAP

TOPOC

Exhibit C



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

SCALE: 1" = 2000'	REVISED: 10-08-13
DRAWN BY: J.L.H.	REV:10-17-13J.L.G.
DATE DRAWN: 09-18-13	



CIMAREX **CIMAREX ENERGY CO.**

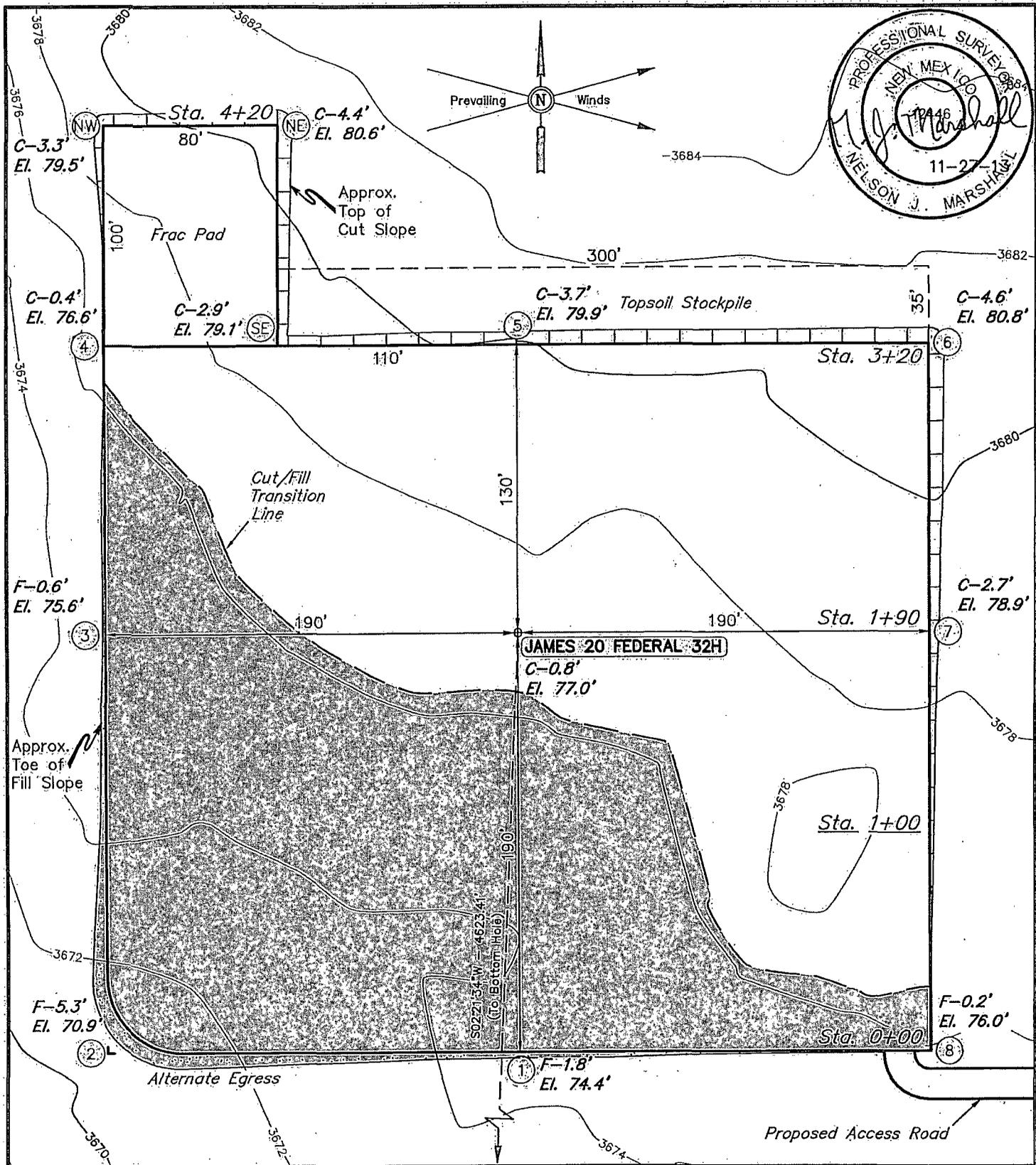
JAMES 20 FEDERAL 32H
SECTION 20, T23S, R32E, N.M.P.M.
330' FNL 630' FWL



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 Vernal, UT 84078 *(435) 789-1017

ACCESS ROAD MAP

TOPO B



ELEV. UNGRADED GROUND AT LOC. STAKE = 3677.0' FINISHED GRADE ELEV. AT LOC. STAKE = 3676.2'

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 D-2

CIMAREX ENERGY CO.

JAMES 20 FEDERAL 32H
 SECTION 20, T23S, R32E, N.M.P.M.,
 330' FNL 630' FWL

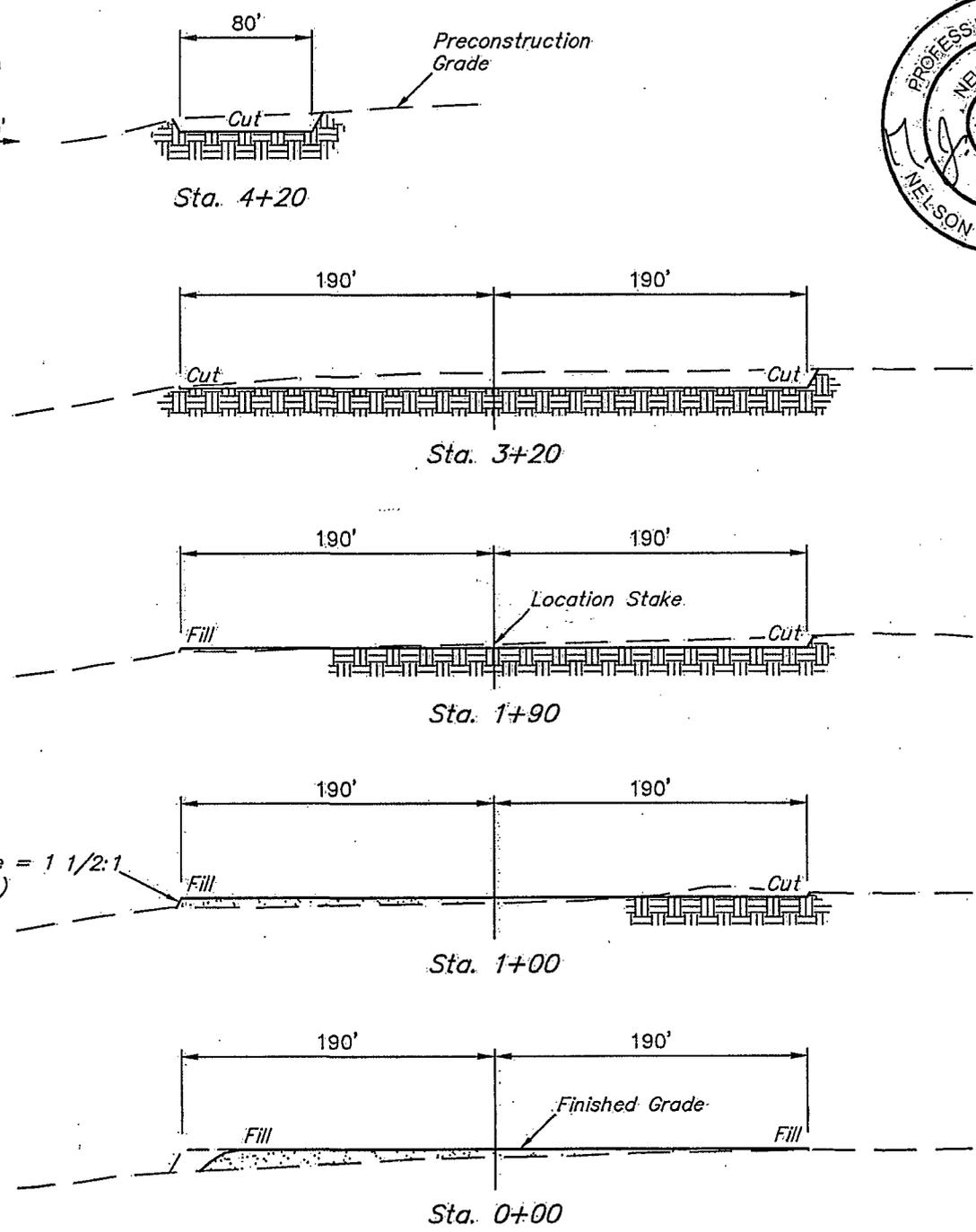
DRAWN BY: J.S.	SCALE: 1" = 60'
DATE: 09-16-13	REV: 11-27-13 B.D.H.



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

LOCATION LAYOUT

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



APPROXIMATE EARTHWORK QUANTITIES		APPROXIMATE SURFACE DISTURBANCE AREAS		
(5") TOPSOIL STRIPPING	2,090 Cu. Yds.		DISTANCE	ACRES
REMAINING LOCATION	4,440 Cu. Yds.		WELL SITE DISTURBANCE	N/A ±3.308
TOTAL CUT	6,530 Cu. Yds.		10' WIDE PIPELINE R.O.W DISTURBANCE	±1264.98' ±0.290
FILL	4,440 Cu. Yds.		TOTAL SURFACE USE AREA	±1264.98' ±3.598
EXCESS MATERIAL	2,090 Cu. Yds.			
TOPSOIL	2,090 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.

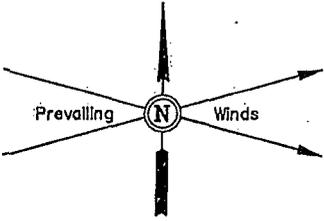
JAMES 20 FEDERAL 32H
 SECTION 20, T23S, R32E, N.M.P.M.
 330' ENL 630' FWL

UINTAH
 ENGINEERING & LAND SURVEYING

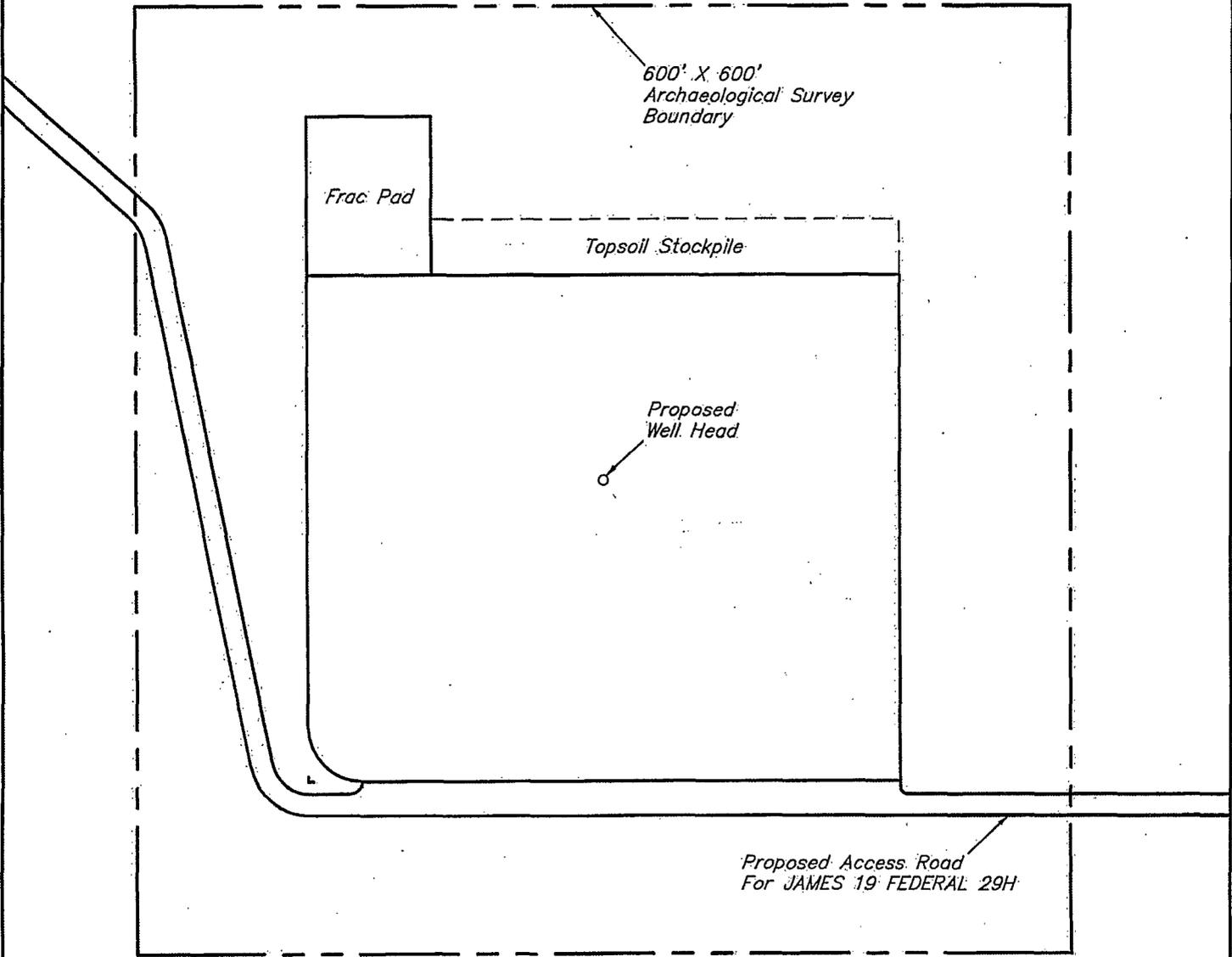
Corporate Office * 85 South 200 East
 Vernal, UT 84078 *(435) 789-1017

DRAWN BY: J.S. SCALE: AS SHOWN
 DATE: 09-16-13 REVISED:

TYPICAL CROSS SECTIONS FIGURE #2



SECTION 17
SECTION 20



NOTES:



CIMAREX ENERGY CO.

JAMES 20 FEDERAL 32H
SECTION 20, T23S, R32E, N.M.P.M.
330' FNL 630' FWL

DRAWN BY: J.S.

SCALE: 1" = 100'

DATE: 09-16-13

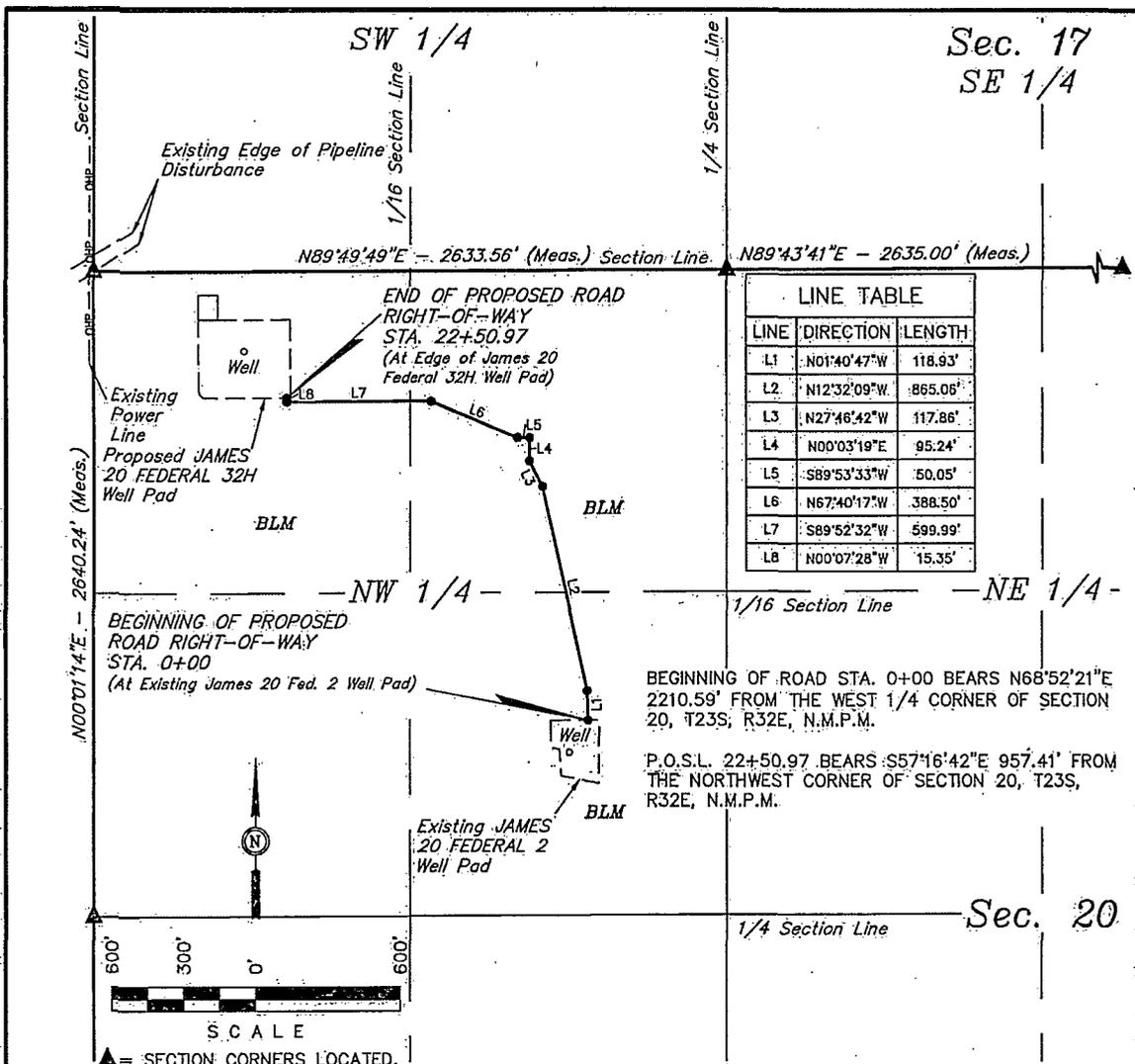
REVISED:



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

ARCHAEOLOGICAL SURVEY
BOUNDARY

FIGURE #4



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 599.99'; THENCE N00°07'28"W 15.35' TO A POINT IN THE NW 1/4 NW 1/4 OF SAID SECTION 20, WHICH BEARS S57°16'42"E 957.41' FROM THE NORTHWEST CORNER OF SAID SECTION 20. 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			
PROPERTY OWNER	FEET	ACRES	RODS
BLM	2250.97	1.550	136.42

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.

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

NOTES:

- The maximum grade of existing ground for the proposed access road is ±8%.

Exhibit C-2

CIMAREX ENERGY CO.

JAMES 20 FEDERAL 32H
 SECTION 20, T23S, R32E, N.M.P.M.
 330' FNL 630' FWL

UINTAH
 ENGINEERING & LAND SURVEYING

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

DRAWN BY: B.D.H. SCALE: 1" = 600'
 DATE: 11-27-13

ACCESS ROAD R-O-W **EXHIBIT C-2**