

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) 748-9920  
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

<sup>1</sup> API Number 30025-	<sup>2</sup> Pool Code 17644	<sup>3</sup> Pool Name Diamond Tail, Bone Spring, Wildcat
<sup>4</sup> Property Code 39203	<sup>5</sup> Property Name CUERVO FEDERAL	<sup>6</sup> Well Number #23H
<sup>7</sup> OGRID No. 162683	<sup>8</sup> Operator Name CIMAREX ENERGY CO. OF COLORADO	<sup>9</sup> Elevation 3713'

<sup>10</sup> Surface Location

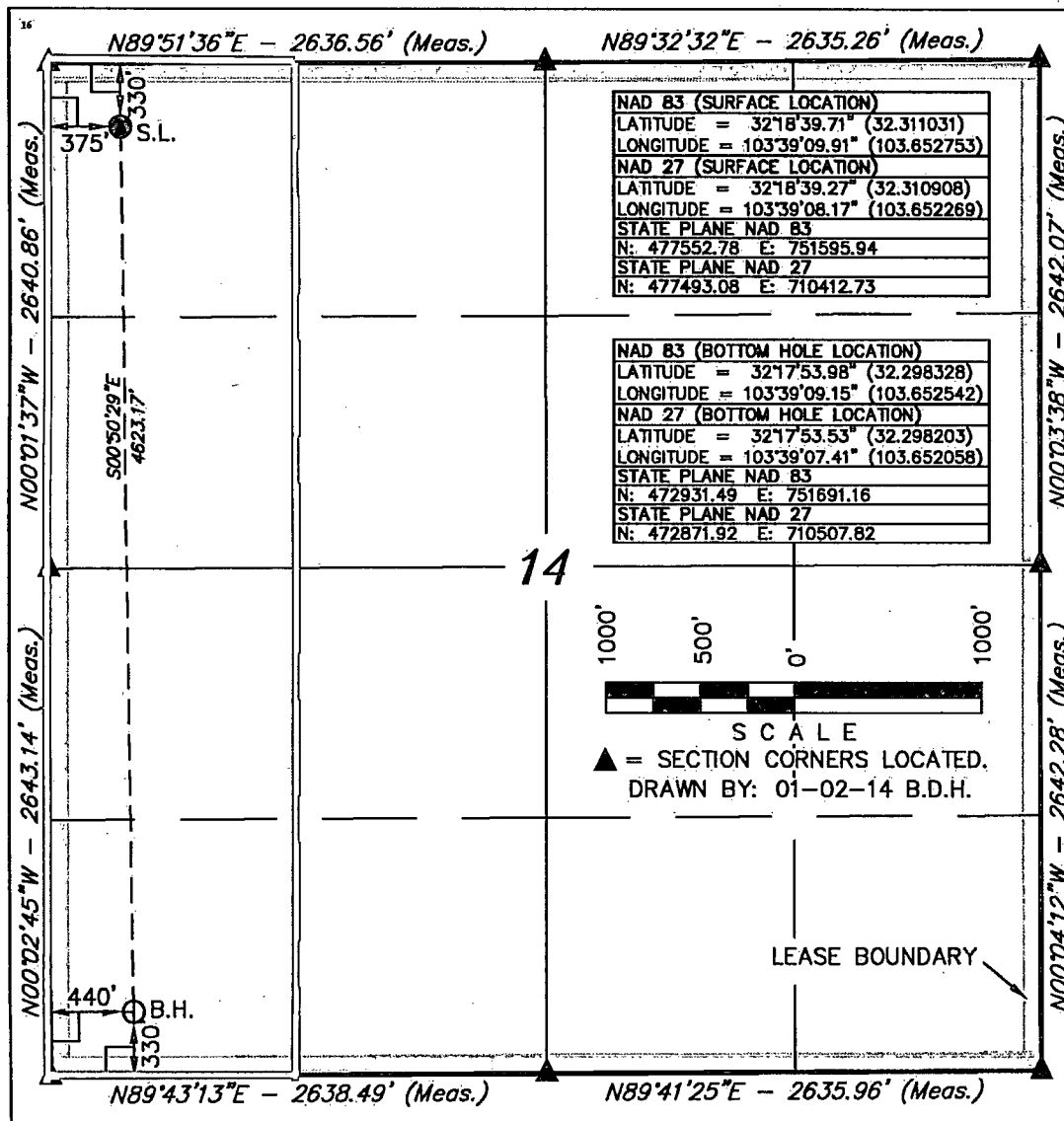
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	14	23 S	32 E		330	NORTH	375	WEST	LEA

<sup>11</sup> 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	14	23 S	32 E		330	SOUTH	440	WEST	LEA

<sup>12</sup> Dedicated Acres 160	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.



<sup>17</sup> 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: Aricka Easterling Date: 3-26-14

Printed Name: Aricka Easterling

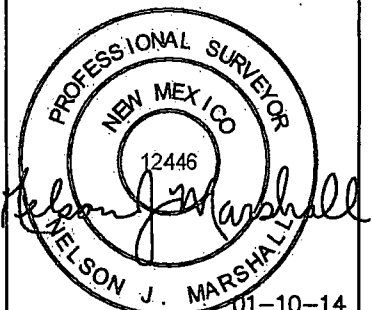
E-mail Address: aeasterling@cimarex.com

<sup>18</sup> 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.

November 06, 2013

Date of Survey:  
Signature and Seal of Professional Surveyor:



Certificate Number:

JUN 17 2014

**R  
32  
E**

**PROPOSED LOCATION:  
CUERVO FEDERAL #23H**

**TARGET BOTTOM HOLE  
CUERVO FEDERAL #23H**

**LEGEND:**  
● EXISTING WELL

**T23S**

● EXISTING WELL

REVISÉD: 00-00-00

DATE DRAWN: 12/10/2013

**CIMAREX ENERGY CO.**

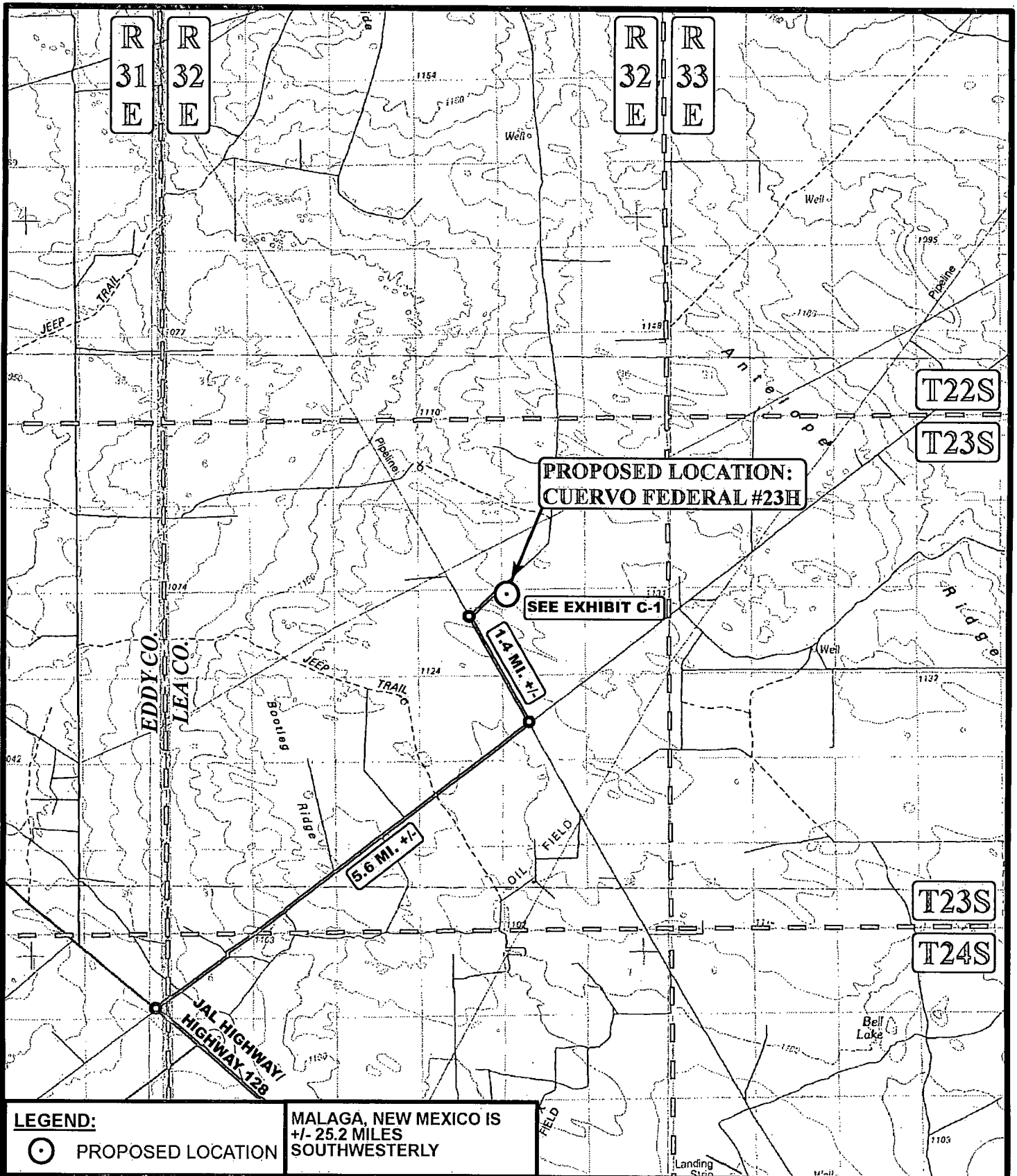
CUERVO FEDERAL #23H  
SECTION 14, T23S, R32E, N.M.P.M.  
330' FNL 375' FWL

## ONE MILE RADIUS PLAT

**EXHIBIT A**



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



**LEGEND:**



PROPOSED LOCATION

MALAGA, NEW MEXICO IS  
+/- 25.2 MILES  
SOUTHWESTERLY

SCALE: 1:100,000

REVISED: 00-00-00

DRAWN BY: J.M.C.

DATE DRAWN: 12/10/2013



**CIMAREX**

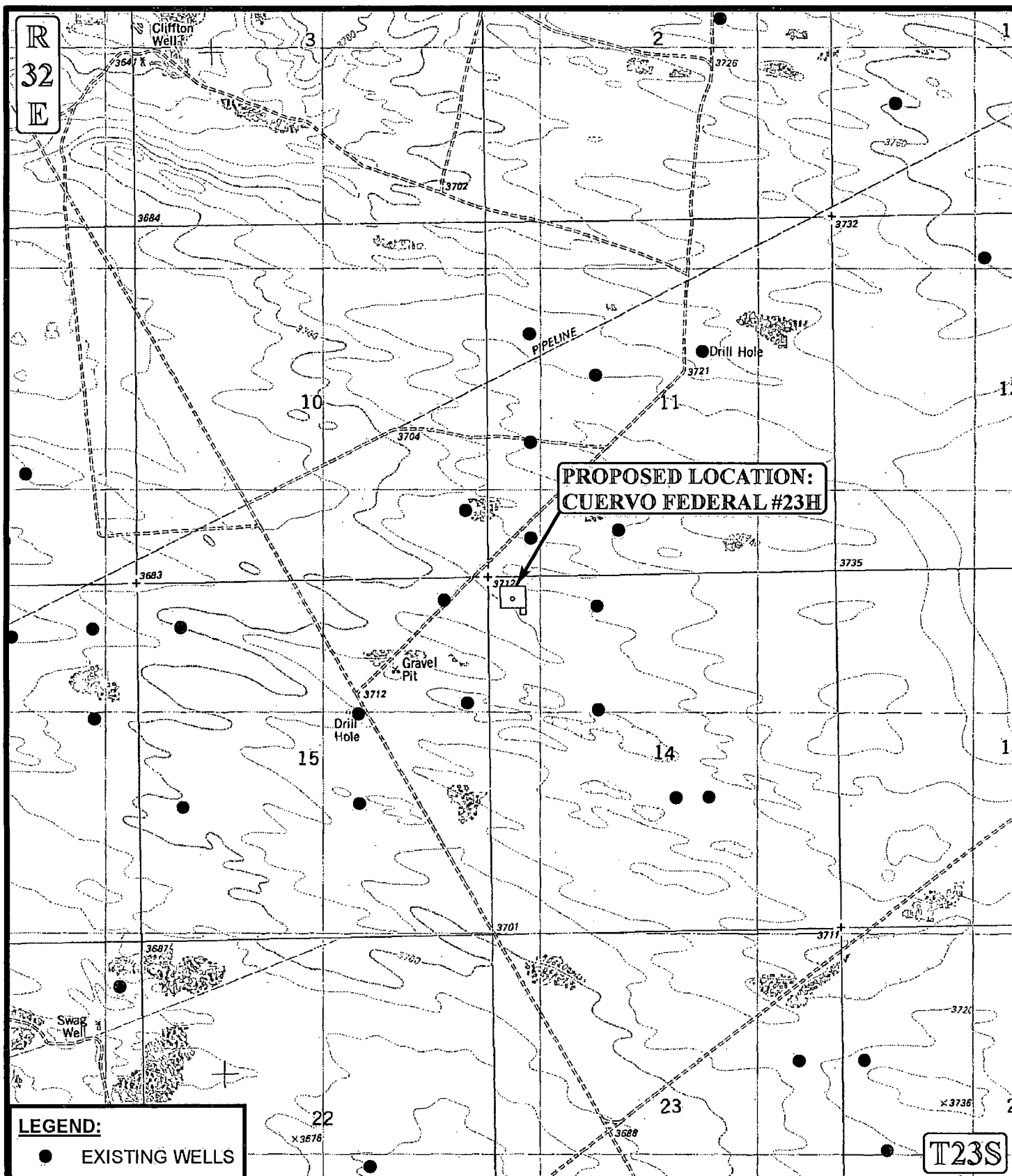
**CIMAREX ENERGY CO.**

CUERVO FEDERAL #23H  
SECTION 14, T23S, R32E, N.M.P.M.  
330' FNL 375' FWL

**PUBLIC ACCESS ROAD MAP** **EXHIBIT B**



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



SCALE: 1" = 2000'

REVISED: 00-00-00

DRAWN BY: J.M.C.

DATE DRAWN: 12/10/2013



**CIMAREX ENERGY CO.**

**CUERVO FEDERAL #23H  
SECTION 14, T23S, R32E, N.M.P.M.  
330' FNL 375' FWL**

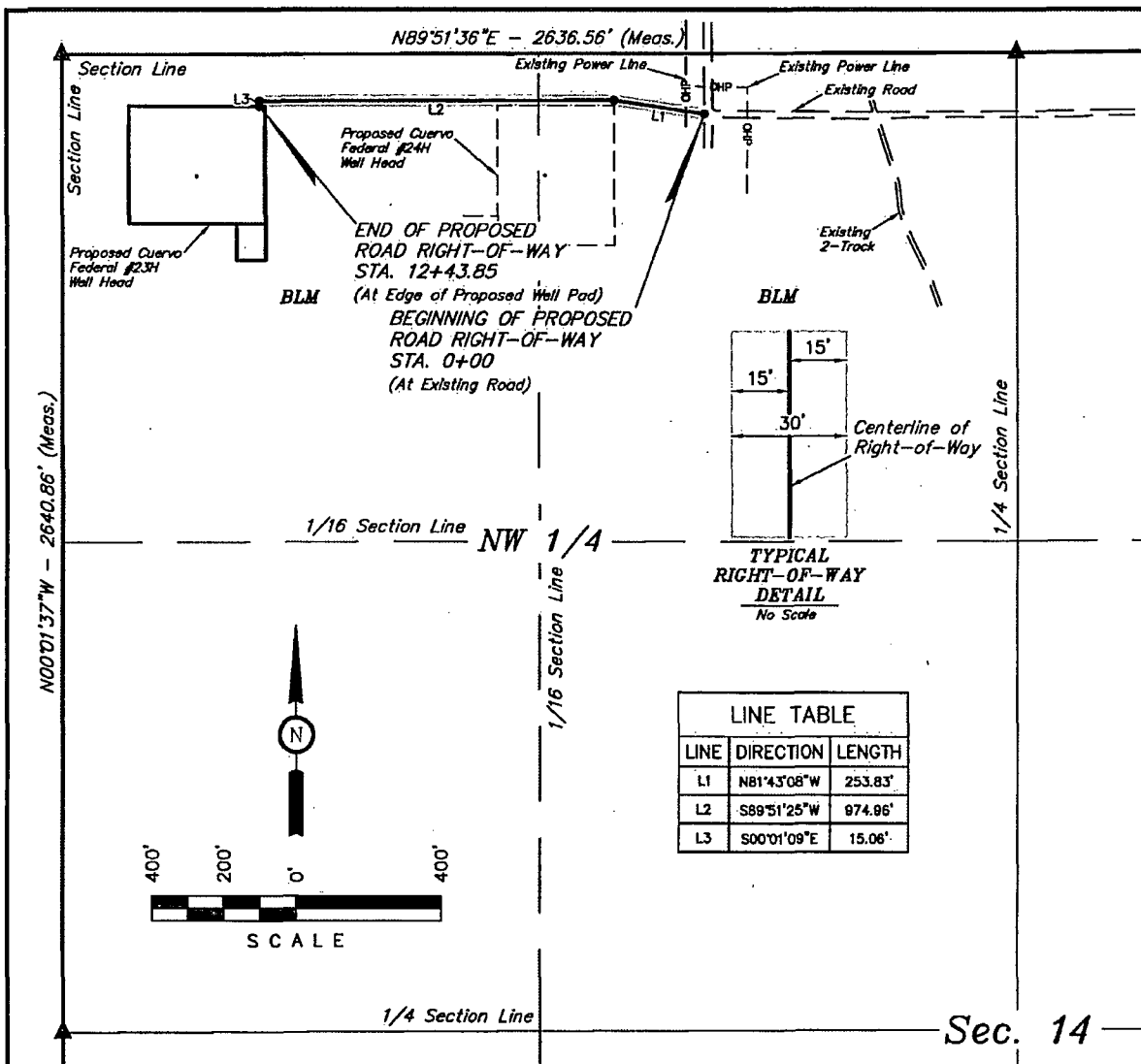
**USGS TOPOGRAPHIC MAP**

**EXHIBIT C**



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 NE 1/4 NW 1/4 OF SECTION 14, T23S, R32E, N.M.P.M., WHICH BEARS S79°09'32"W 875.86' FROM THE NORTH 1/4 CORNER OF SAID SECTION 14, THENCE N81°43'08"W 253.83'; THENCE S89°51'25"W 974.96'; THENCE S00°01'09"E 15.06' TO A POINT IN THE NW 1/4 NW 1/4 OF SAID SECTION 14, WHICH BEARS S75°47'55"E 567.53' FROM THE NORTHWEST CORNER OF SAID SECTION 14, 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 0.857 ACRES MORE OR LESS.

BEGINNING OF ROAD STA. 0+00 BEARS S79°09'32"W 875.86' FROM THE NORTH 1/4 CORNER OF SECTION 14, T23S, R14E, N.M.P.M.

END OF ROAD STA. 12+43.85 BEARS S75°47'55"E 567.53' FROM THE NORTHWEST CORNER OF SECTION 14, T23S, R32E, N.M.P.M.

#### RIGHT-OF-WAY LENGTHS

DESCRIPTION	FEET	ACRES	RODS
BLM	1243.85	0.857	75.38

▲ = SECTION CORNERS LOCATED.

#### NOTES.

- The maximum grade of existing ground for the proposed access road is ±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  
NEW MEXICO  
12446  
12446  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 12446  
STATE OF NEW MEXICO 01-10-14



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



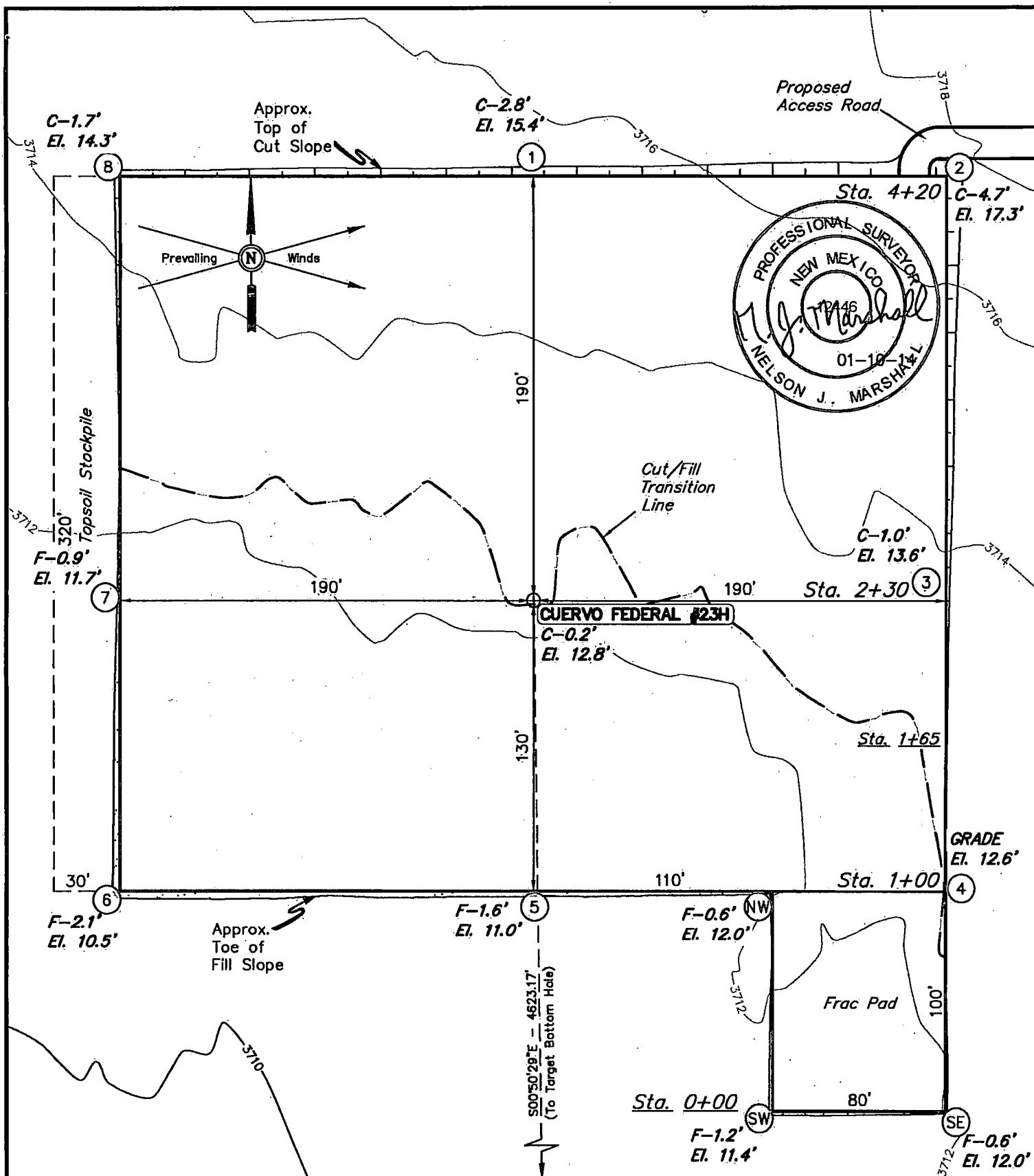
CIMAREX ENERGY CO.

CUERVO FEDERAL #23H  
SECTION 14, T23S, R32E, N.M.P.M.  
330' FNL 375' FWL

DRAWN BY: B.D.H. SCALE: 1" = 400'  
DATE: 01-02-13 REVISED:

ACCESS ROAD R-O-W

EXHIBIT C-2



ELEV. UNGRADED GROUND AT LOC. STAKE = 3712.8' FINISHED GRADE ELEV. AT LOC. STAKE = 3712.6'

**NOTES:**

- Flare pit is to be located a min. of 100' from the well head.
- Underground utilities shown on this sheet are for visualization purposes only, actual locations to be determined prior to construction.



**CIMAREX ENERGY CO.**

CUERVO FEDERAL #23H  
SECTION 14, T23S, R32E, N.M.P.M.  
330' FNL 375' FWL

DRAWN BY: B.D.H.

SCALE: 1" = 60'

DATE: 01-02-13

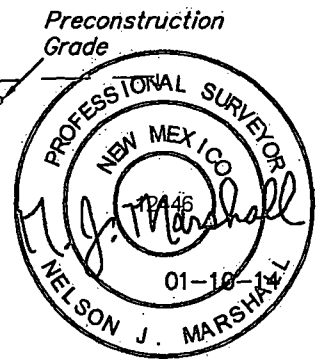
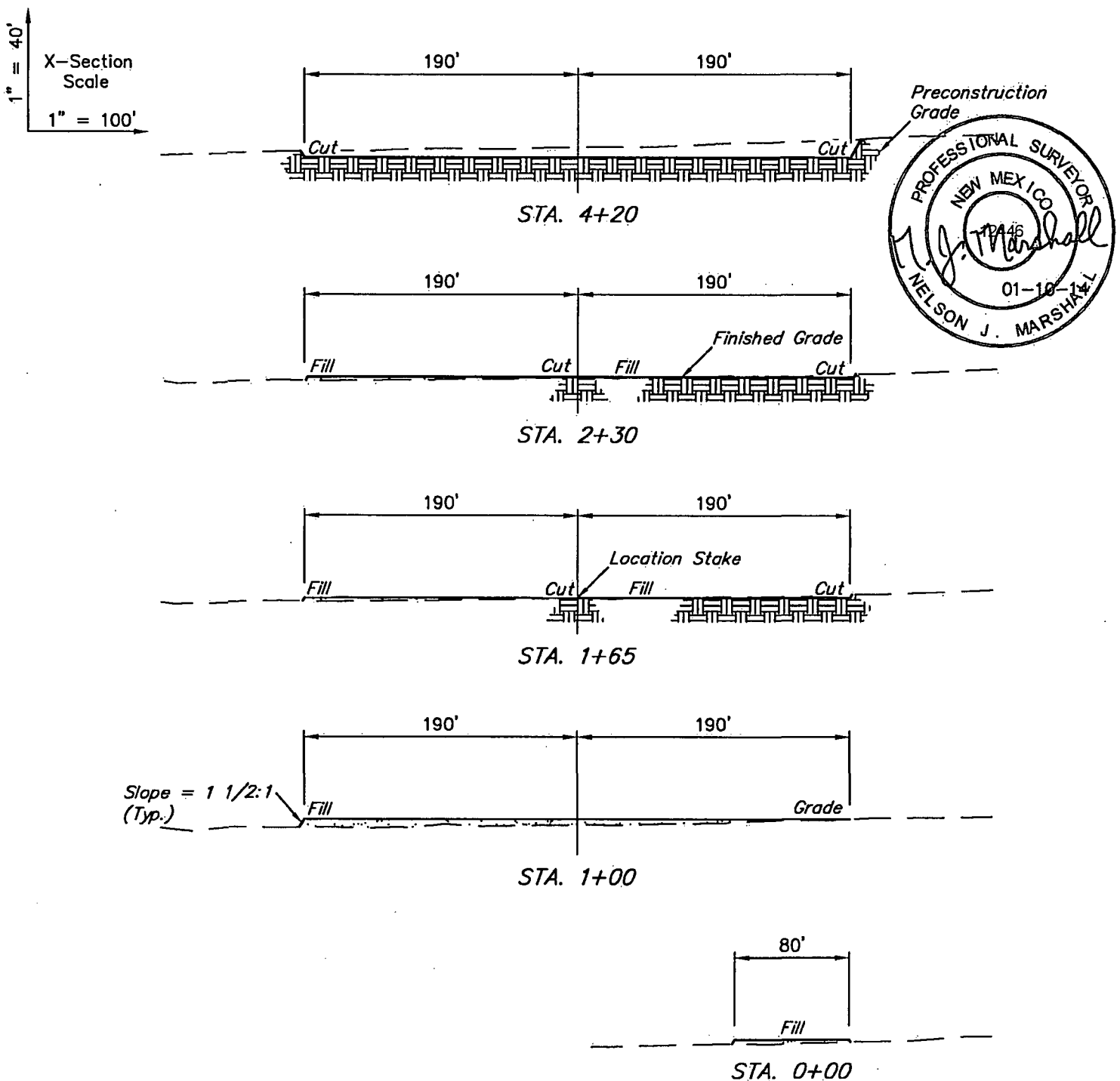
REVISED:

**LOCATION LAYOUT**

**EXHIBIT D**



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



APPROXIMATE EARTHWORK QUANTITIES		APPROXIMATE SURFACE DISTURBANCE AREAS		
(3") TOPSOIL STRIPPING	1,240 Cu. Yds.		DISTANCE	ACRES
REMAINING LOCATION	3,140 Cu. Yds.	WELL SITE DISTURBANCE	NA	±3.280
<b>TOTAL CUT</b>	<b>4,380 Cu. Yds.</b>	ACCESS ROAD DISTURBANCE	±1243.85'	±0.857
<b>FILL</b>	<b>3,140 Cu. Yds.</b>	PIPELINE DISTURBANCE	±639.96'	±0.147
EXCESS MATERIAL	1,240 Cu. Yds.	POWER LINE DISTURBANCE	±1231.86'	±0.283
TOPSOIL	1,240 Cu. Yds.	<b>TOTAL DISTURBANCE</b>	<b>±3115.67'</b>	<b>±4.567</b>
<b>EXCESS UNBALANCE</b> (After Interim Rehabilitation)	<b>0 Cu. Yds.</b>			

**NOTES:**

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



**CIMAREX ENERGY CO.**

CUERVO FEDERAL #23H  
SECTION 14, T23S, R32E, N.M.P.M.  
330' FNL 375' FWL

DRAWN BY: B.D.H.

SCALE: AS SHOWN

DATE: 01-02-13

REVISED:

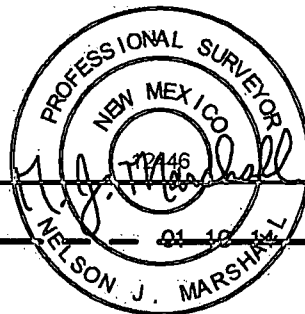


Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

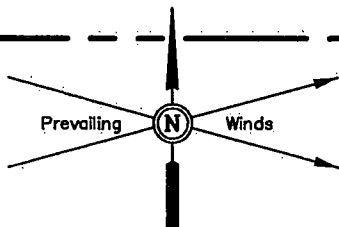
**TYPICAL CROSS SECTIONS**

**EXHIBIT D**

Section 10  
Section 11



Section 11  
Section 14



Proposed  
Access Road

Topsoil Stockpile

Well Head

Frac Pad

600' X 600'  
Archaeological Survey  
Boundary

Section 15  
Section 14

NOTES:



**CIMAREX ENERGY CO.**

CUERVO FEDERAL #23H  
SECTION 14, T23S, R32E, N.M.P.M.  
330' FNL 375' FWL

DRAWN BY: B.D.H.

SCALE: 1" = 100'

DATE: 01-02-13

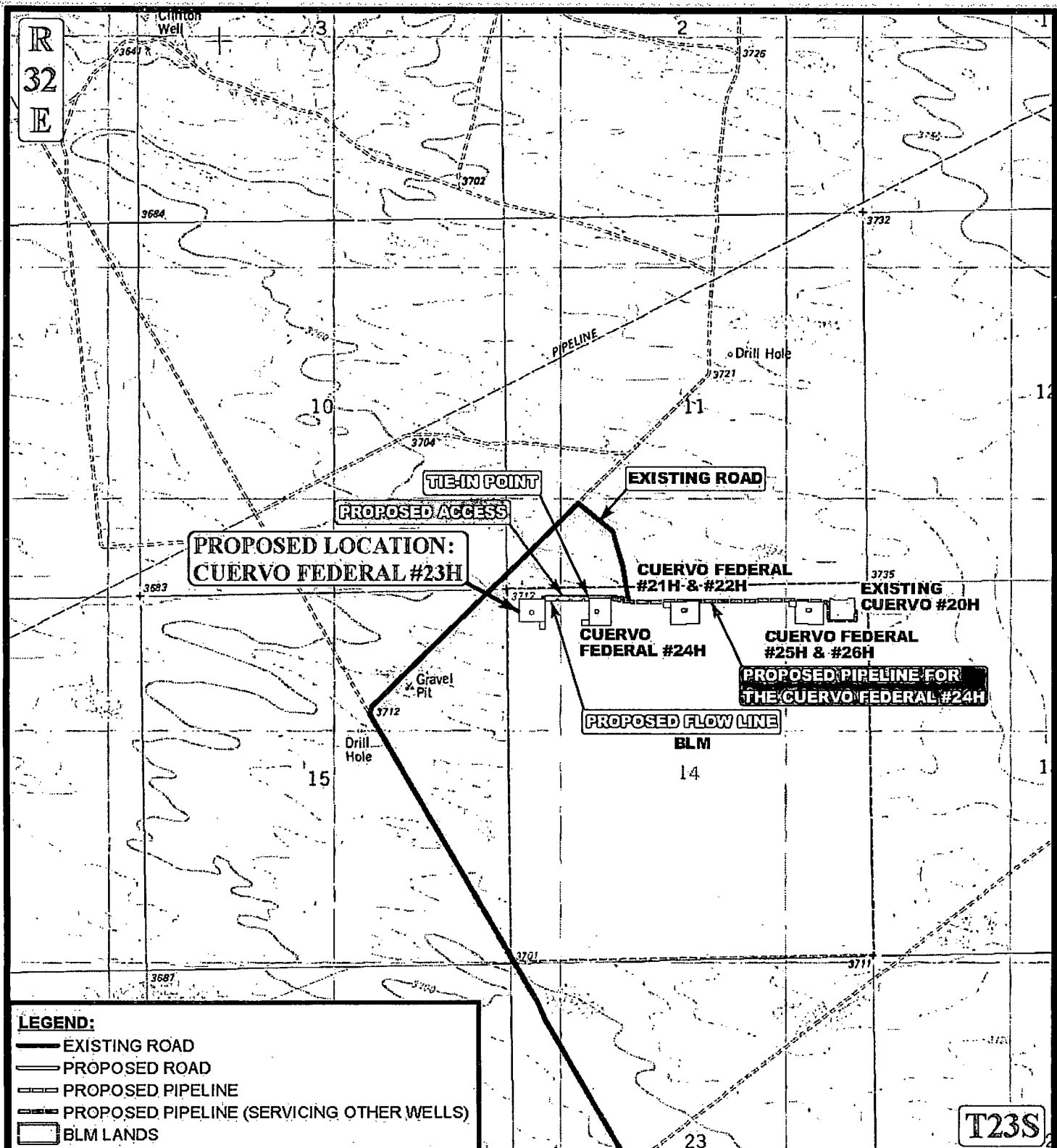
REVISED:

**ARCHAEOLOGICAL SURVEY  
BOUNDARY**

**EXHIBIT D**



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



**APPROXIMATE TOTAL FLOW LINE DISTANCE = 640' +/-**

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

SCALE: 1" = 2000'

REVISED: 00-00-00

DRAWN BY: J.M.C.

DATE DRAWN: 12/10/2013



**CIMAREX ENERGY CO.**

**CUERVO FEDERAL #23H  
SECTION 14, T23S, R32E, N.M.P.M.  
330' FNL 375' FWL**

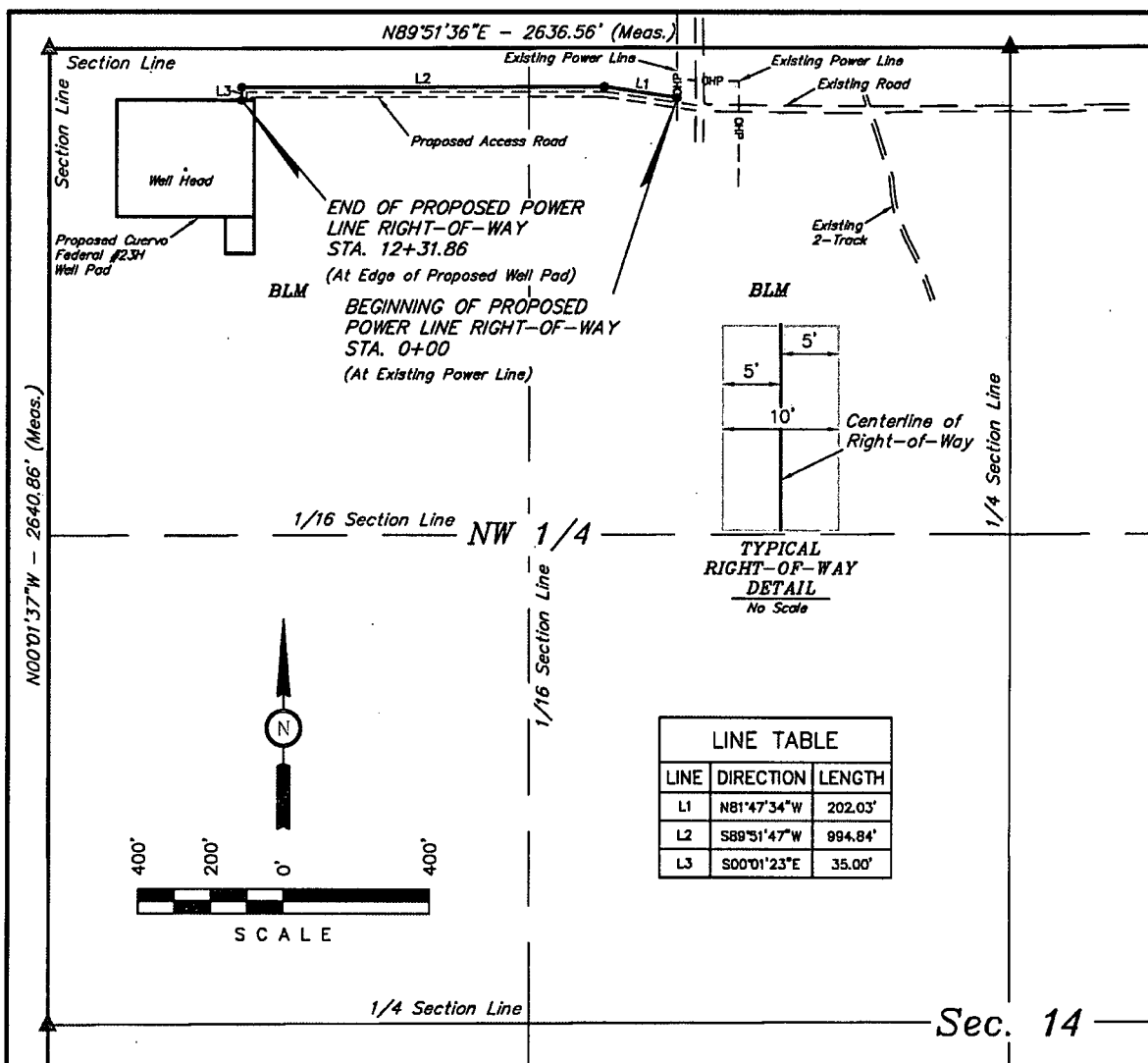
**FLOW LINE MAP**

**EXHIBIT C**



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





### POWER LINE 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 NE 1/4 NW 1/4 OF SECTION 14, T23S, R32E, N.M.P.M., WHICH BEARS S81°27'02"W 921.81' FROM THE NORTH 1/4 CORNER OF SAID SECTION 14, THENCE N81°47'34"W 202.03'; THENCE S89°51'47"W 994.84'; THENCE S00°01'23"E 35.00' TO A POINT IN THE NW 1/4 NW 1/4 OF SAID SECTION 14, WHICH BEARS S75°17'45"E 548.15' FROM THE NORTHWEST CORNER OF SAID SECTION 14. 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 0.283 ACRES MORE OR LESS.

BEGINNING OF POWER LINE STA. 0+00 BEARS S81°27'02"W 921.81' FROM THE NORTH 1/4 CORNER OF SECTION 14, T23S, R32E, N.M.P.M.

END OF POWER LINE STA. 12+31.86 BEARS S75°17'45"E 548.15' FROM THE NORTHWEST CORNER OF SECTION 14, T23S, R32E, N.M.P.M.

#### RIGHT-OF-WAY LENGTHS

DESCRIPTION	FEET	ACRES	RODS
BLM	1231.86	0.283	74.66

▲ = SECTION CORNERS LOCATED.

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. 12446  
 STATE OF NEW MEXICO 01-10-14

NOTES:

**CIMAREX**

**CIMAREX ENERGY CO.**

CUERVO FEDERAL #23H  
 SECTION 14, T23S, R32E, N.M.P.M.  
 330' FNL 375' FWL

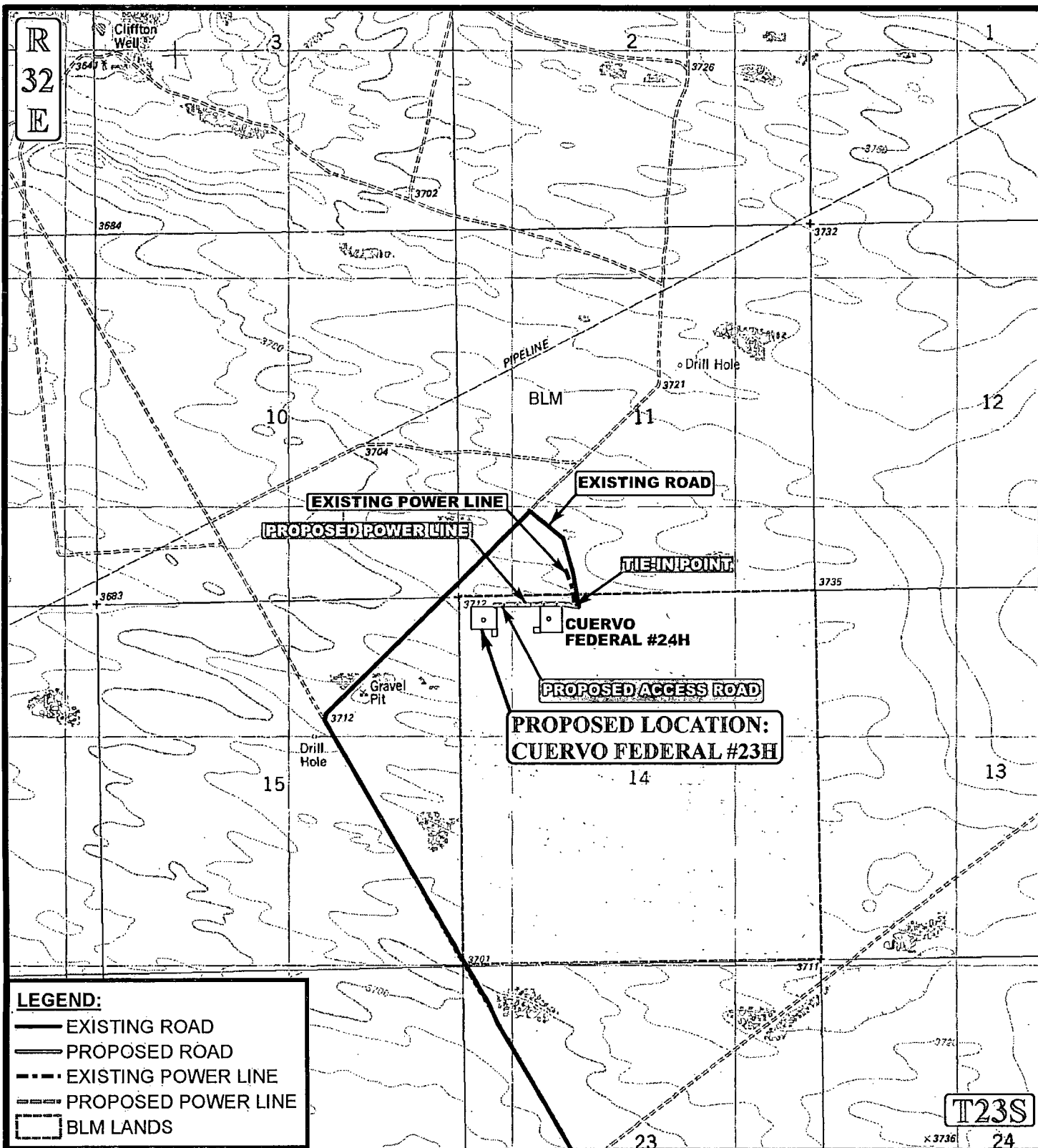
DRAWN BY: B.D.H. SCALE: 1" = 400'  
 DATE: 01-02-13 REVISED:

**POWER LINE R-O-W**

**EXHIBIT H**

**UINTAH**  
 ENGINEERING & LAND SURVEYING

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



SCALE: 1" = 2000'  
 DRAWN BY: J.M.C.  
 DATE DRAWN: 12/10/2013

REVISED: 00-00-00



**CIMAREX ENERGY CO.**

**CUERVO FEDERAL #23H  
 SECTION 14, T23S, R32E, N.M.P.M.  
 330' FNL 375' FWL**

**POWER LINE MAP**

**EXHIBIT H**



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

BEGINNING AT THE INTERSECTION OF JAL HIGHWAY/ HWY 128 AND AN EXISTING ROAD TO THE NORTHEAST LOCATED IN THE SE 1/4 OF SECTION 1, T24S, R31E, N.M.P.M. PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 5.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 1,244' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM THE INTERSECTION OF JAL HIGHWAY/ HWY 128 AND AN EXISTING ROAD TO THE NORTHEAST LOCATED IN THE SE 1/4 OF SECTION 1, T24S, R31E, N.M.P.M. TO THE PROPOSED LOCATION IS APPROXIMATELY 8.3 MILES.

DRAWN BY: J.M.C.

REVISED: 00-00-00

DATE DRAWN: 12/10/2013



CIMAREX ENERGY CO.



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

CUERVO FEDERAL #23H  
SECTION 14, T23S, R32E, N.M.P.M.  
330' FNL 375' FWL

ROAD DESCRIPTION

EXHIBIT J