

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

HOBBS OCD
OCT 03 2014
RECEIVED

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

☐ AMENDED REPORT

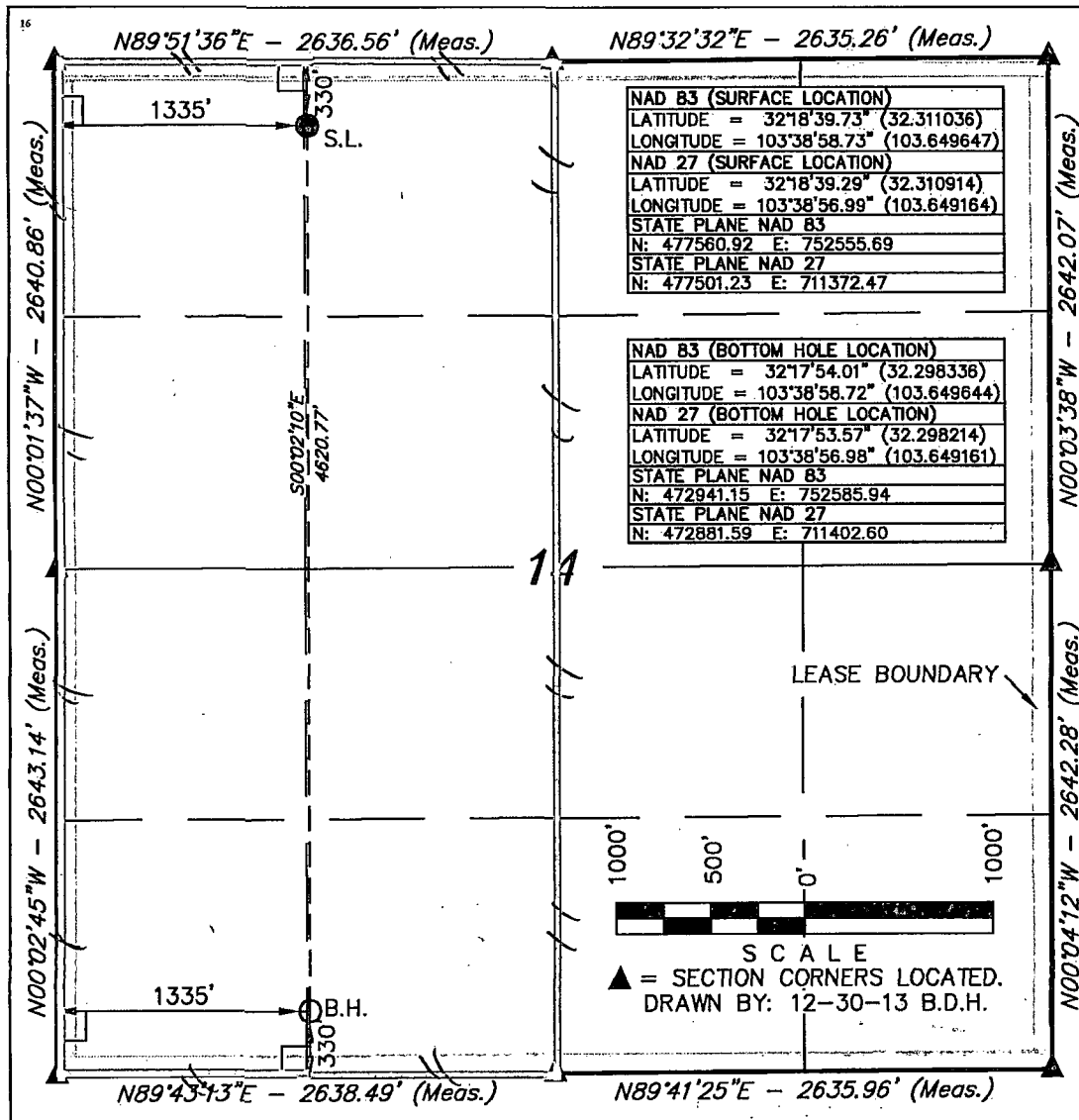
WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30025-42167	² Pool Code 17644	³ Pool Name Diamond Hole Bone Spring/ Wildcat
⁴ Property Code 39203	⁵ Property Name CUERVO FEDERAL	
⁷ OGRID No. 162683	⁸ Operator Name CIMAREX ENERGY CO. OF COLORADO	⁶ Well Number #24H ⁹ Elevation 3722'

¹⁰ Surface Location									
UL or lot no. C	Section 14	Township 23 S	Range 32 E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 1335	East/West line WEST	County LEA

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. N	Section 14	Township 23 S	Range 32 E	Lot Idn	Feet from the 330	North/South line SOUTH	Feet from the 1335	East/West line WEST	County LEA
¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. NSL Pending						

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
 Signature Date 3-26-14

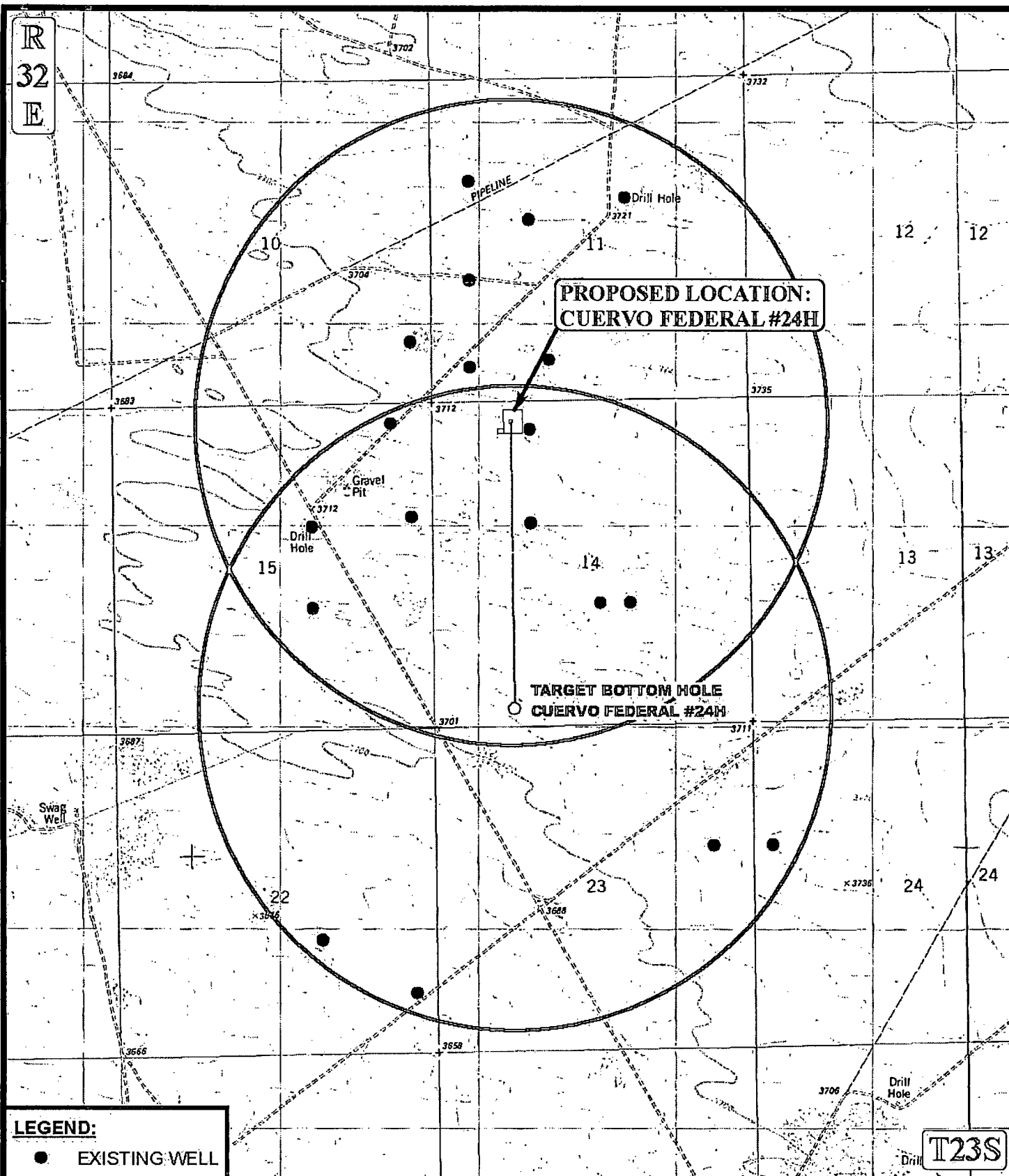
Printed Name
 hknauls@cimarex.com
 E-mail Address

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.
 NOVEMBER 6, 2013
 Date of Survey
 Signature and Seal of Professional Surveyor:

PROFESSIONAL SURVEYOR
 NEW MEXICO
 12446
 NELSON J. MARSHALL
 01-14-14
 Certificate Number:

OCT 09 2014

R
32
E



LEGEND:

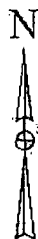
● EXISTING WELL

SCALE: 1"=2000'

REVISED: 00-00-00

DRAWN BY: J.M.C.

DATE DRAWN: 12/10/2013



CIMAREX ENERGY CO.

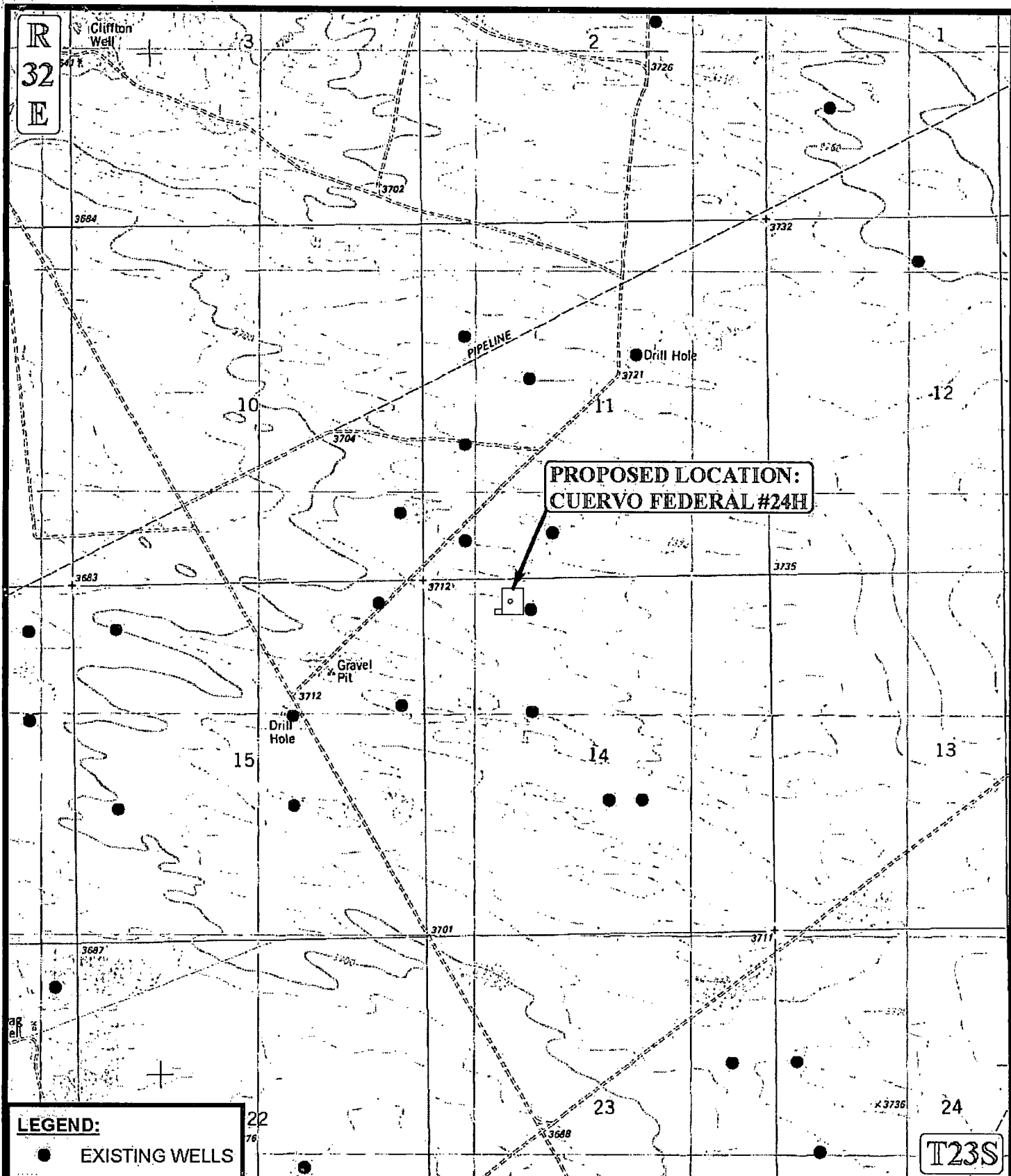
CUERVO FEDERAL #24H
SECTION 14, T23S, R32E, N.M.P.M.
330' FNL 1335' FWL

ONE MILE RADIUS PLAT

EXHIBIT A



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



LEGEND:

● EXISTING WELLS

SCALE: 1" = 2000'

REVISED: 00-00-00

DRAWN BY: J.M.C.

DATE DRAWN: 12/10/2013



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



CIMAREX ENERGY CO.

CUERVO FEDERAL #24H
SECTION 14, T23S, R32E, N.M.P.M.
330' FNL 1335' FWL

USGS TOPOGRAPHIC MAP

EXHIBIT C

**PROPOSED ACCESS ROAD FOR THE
CUERVO FEDERAL #23H 255' +/-**

**PROPOSED
ACCESS 15' +/-**

DETAIL "A"

**R
32
E**

PIPELINE

Drill Hole

**PROPOSED LOCATION:
CUERVO FEDERAL #24H**

**CUERVO
FEDERAL #23H**

**JAL HIGHWAY HIGHWAY 128
7.0 MI. +/-**

T23S

LEGEND:

- EXISTING ROAD
- - - PROPOSED ACCESS ROAD
- - - PROPOSED ACCESS ROAD (SERVICING OTHER WELLS)
- BLM LANDS

*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: 00-00-00

DRAWN BY: J.M.C.

DATE DRAWN: 12/10/2013



CIMAREX ENERGY CO.

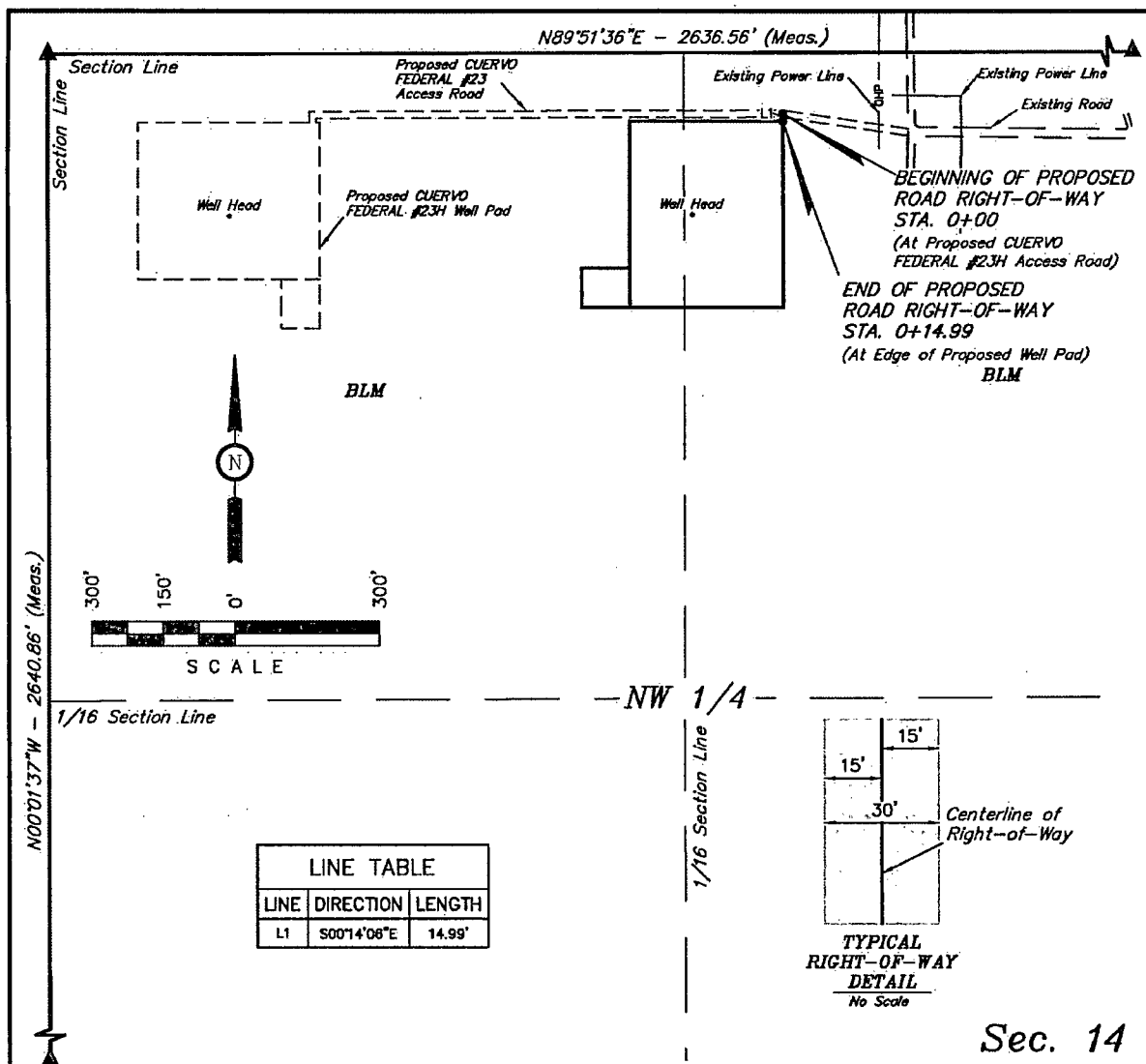
**CUERVO FEDERAL #24H
SECTION 14, T23S, R32E, N.M.P.M.
330' FNL 1335' FWL**

ACCESS ROAD MAP

EXHIBIT C-1



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 S83°25'17"W 1118.78' FROM THE NORTH 1/4 CORNER OF SAID SECTION 14, THENCE S00°14'06"E 14.99' TO A POINT IN THE NE 1/4 NW 1/4 OF SAID SECTION 14, WHICH BEARS S82°39'35"W 1120.54' FROM THE NORTH 1/4 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 0.010 ACRES MORE OR LESS.

BEGINNING OF ROAD STA. 0+00 BEARS
S83°25'17"W 1118.78' FROM THE NORTH 1/4
CORNER OF SECTION 14, T23S, R32E,
N.M.P.M.

END OF ROAD STA. 0+14.99 BEARS
S82°39'35"W 1120.54' FROM THE NORTH 1/4
CORNER OF SECTION 14, T23S, R32E,
N.M.P.M.

RIGHT-OF-WAY LENGTHS			
DESCRIPTION	FEET	ACRES	RODS
BLM	14.99	0.010	0.91

▲ = SECTION CORNERS LOCATED.

NOTES:

- The maximum grade of existing ground for the proposed access road is ±1%.

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 SURVEY

REGISTERED LAND SURVEYOR
REGISTRATION NO. 12446
STATE OF NEW MEXICO

01-14-14



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



CIMAREX ENERGY CO.

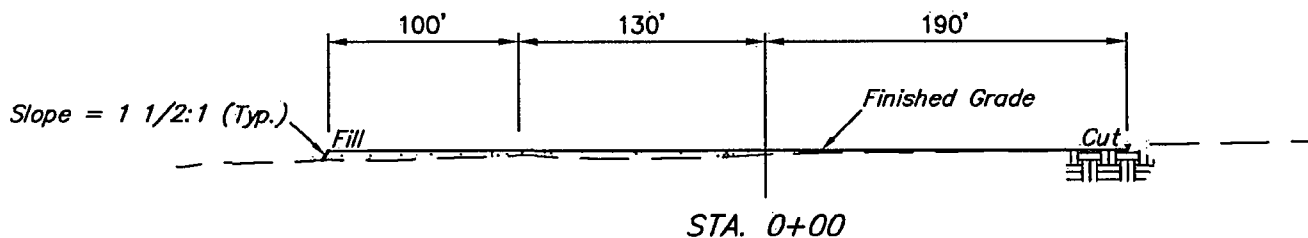
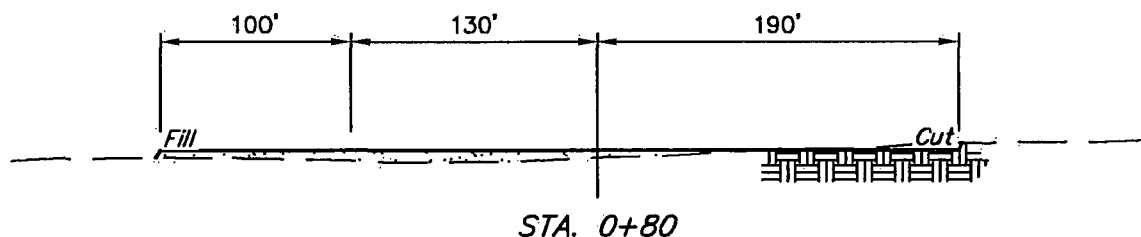
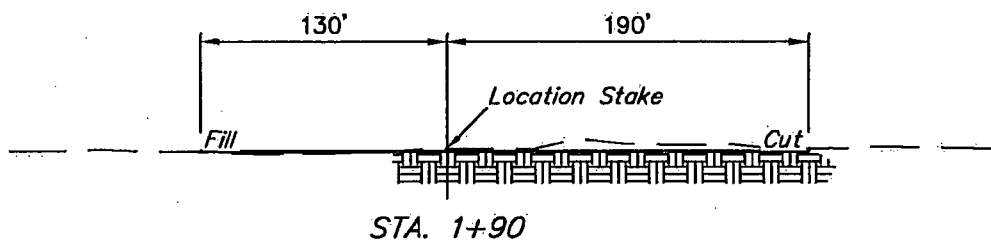
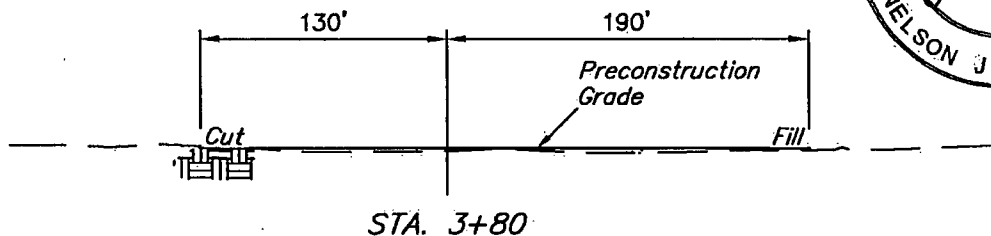
CUERVO FEDERAL #24H
SECTION 14, T23S, R32E, N.M.P.M.
330' FNL 1335' FWL

DRAWN BY: B.D.H. SCALE: 1" = 300'
DATE: 12-30-13 REVISED:

ACCESS ROAD R-O-W

EXHIBIT C-2

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



APPROXIMATE EARTHWORK QUANTITIES		APPROXIMATE SURFACE DISTURBANCE AREAS		
(3") TOPSOIL STRIPPING	1,220 Cu. Yds.		DISTANCE	ACRES
REMAINING LOCATION	2,360 Cu. Yds.	WELL SITE DISTURBANCE	NA	±3.240
TOTAL CUT	3,580 Cu. Yds.	ACCESS ROAD DISTURBANCE	±14.99'	±0.010
FILL	2,360 Cu. Yds.	PIPELINE DISTURBANCE	±3971.91'	±0.912
EXCESS MATERIAL	1,220 Cu. Yds.	POWER LINE DISTURBANCE	±34.98'	±0.008
TOPSOIL	1,220 Cu. Yds.	TOTAL DISTURBANCE	±4021.88'	±4.170
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.

CUERVO FEDERAL #24H
SECTION 14, T23S, R32E, N.M.P.M.
330' FNL 1335' FWL

DRAWN BY: B.D.H.

SCALE: AS SHOWN

DATE: 12-30-13

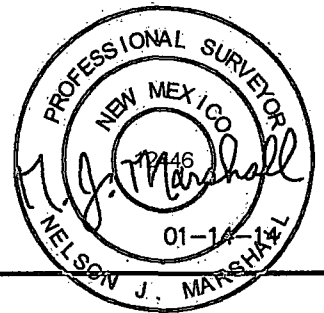
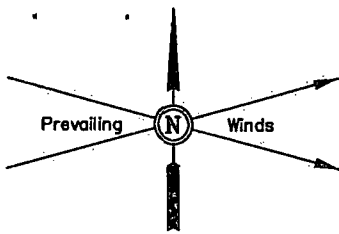
REVISED:

TYPICAL CROSS SECTIONS

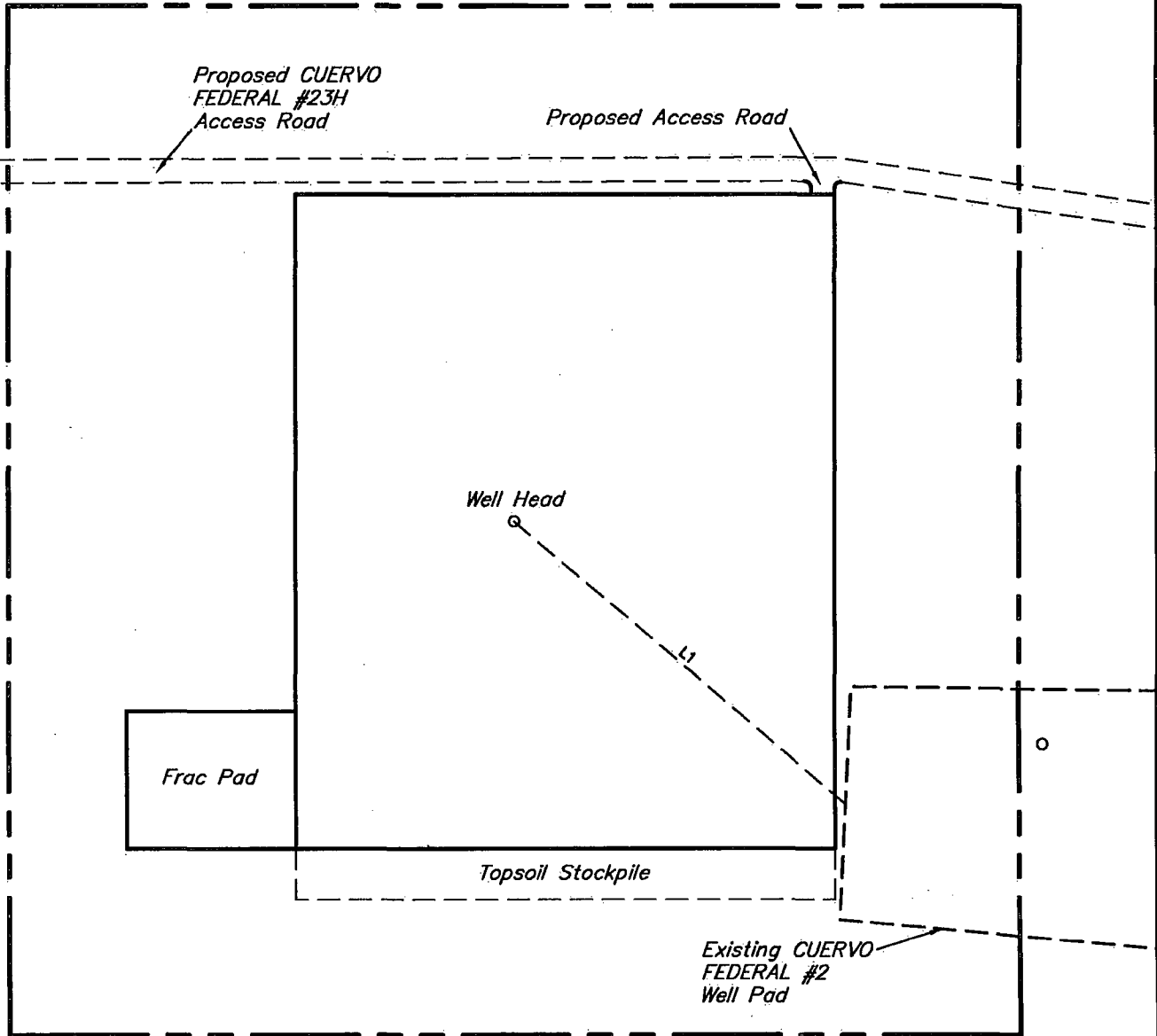
EXHIBIT D



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



Section 11
Section 14



600' X 600'
Archaeological Survey
Boundary

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S50°E	256'

NOTES:



CIMAREX ENERGY CO.

CUERVO FEDERAL #24H
SECTION 14, T23S, R32E, N.M.P.M.
330' FNL 1335' FWL



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

DRAWN BY: B.D.H.

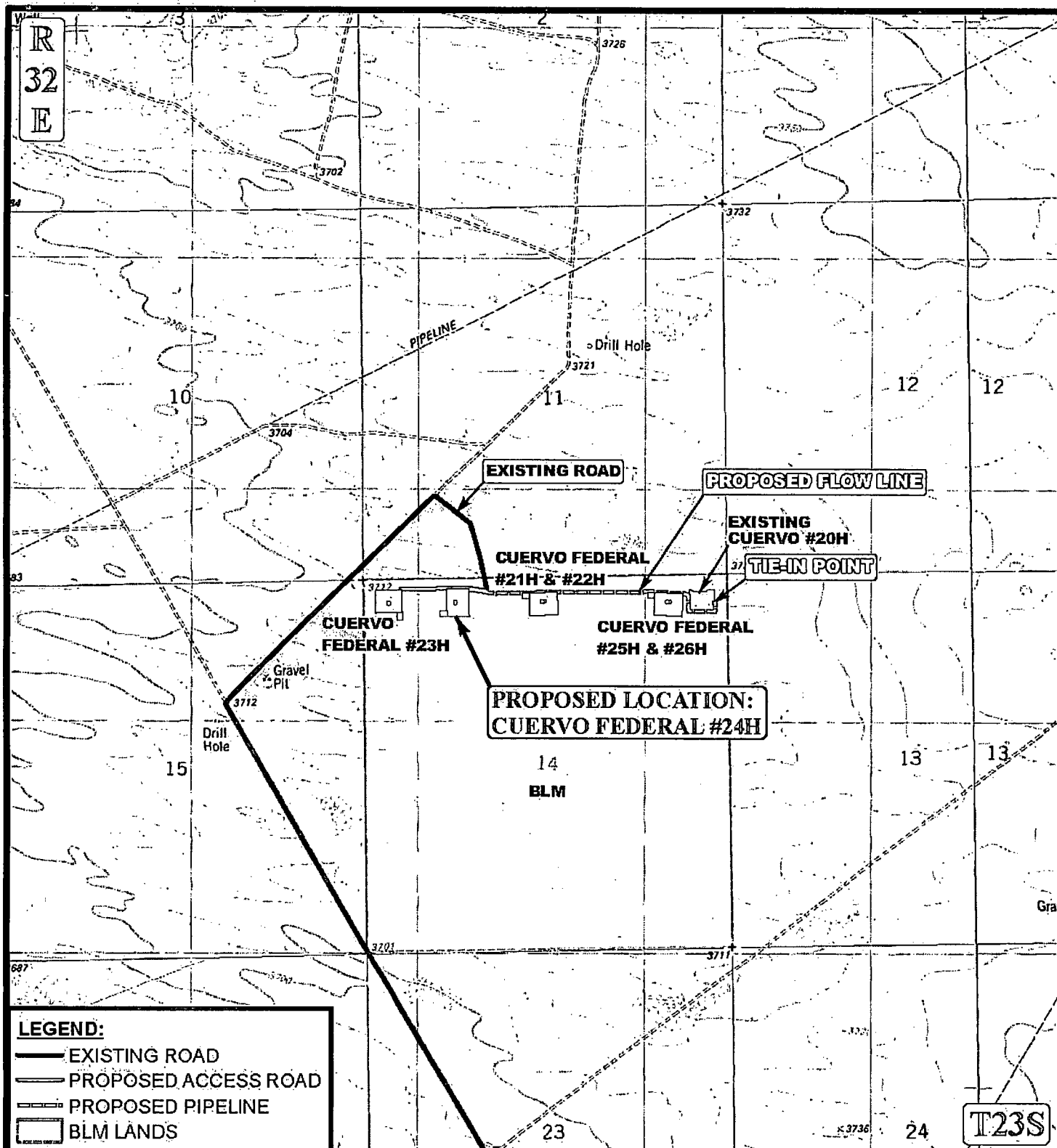
SCALE: 1" = 100'

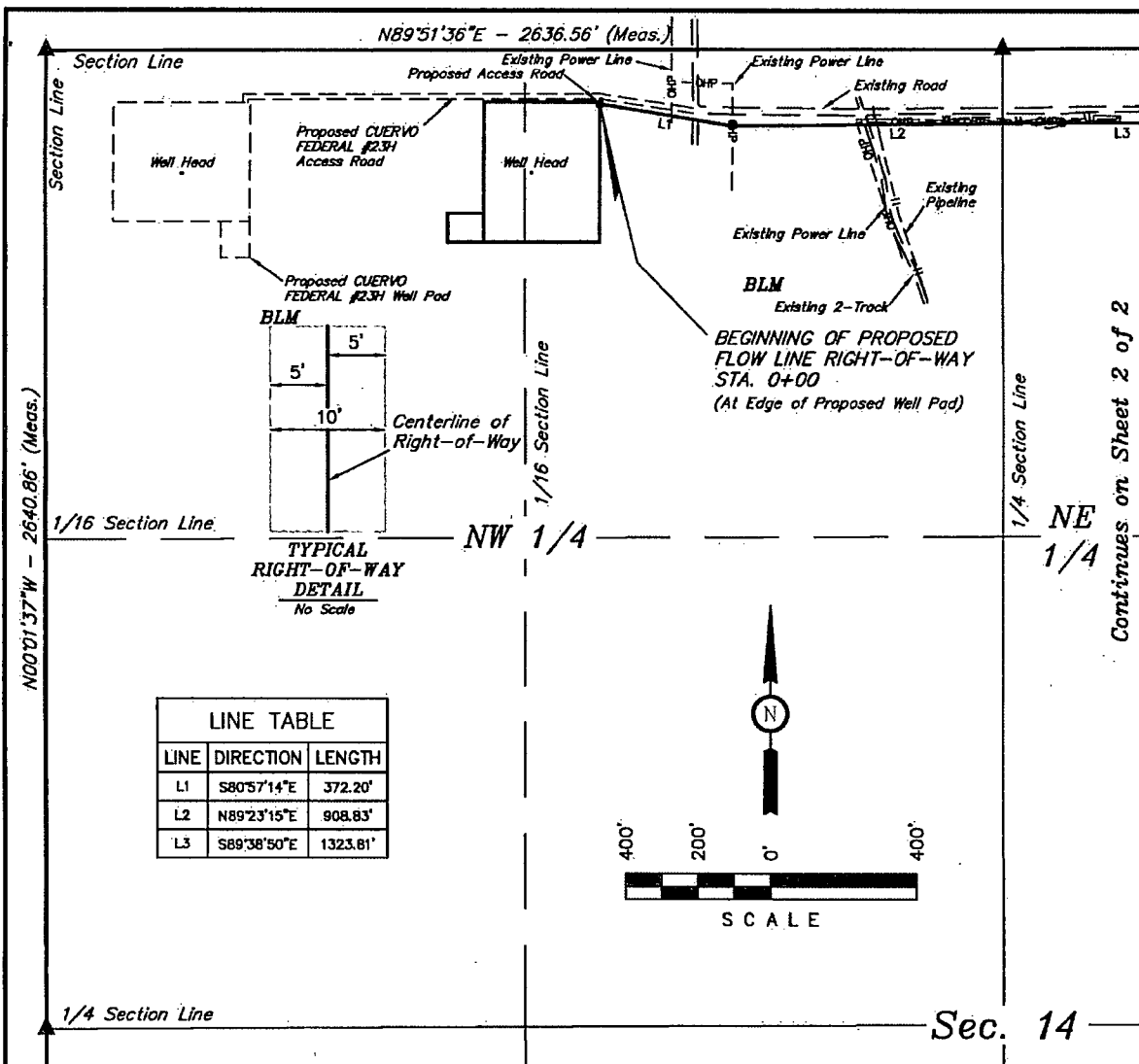
DATE: 12-30-13

REVISED:

**ARCHAEOLOGICAL SURVEY
BOUNDARY**

EXHIBIT D





FLOW 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 S82°24'36"W 1121.26' FROM THE NORTH 1/4 CORNER OF SAID SECTION 14, THENCE S80°57'14"E 372.20'; THENCE N89°23'15"E 908.83'; THENCE S89°38'50"E 1323.81'; THENCE S86°44'43"E 522.44'; THENCE S73°16'30"E 63.72'; THENCE S00°24'31"E 238.51'; THENCE S89°12'39"E 381.60'; THENCE N00°12'20"W 128.58'; THENCE N86°50'07"W 32.23' TO A POINT IN THE NE 1/4 NE 1/4 OF SAID SECTION 14, WHICH BEARS S28°49'21"W 442.29' FROM THE NORTHEAST 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 0.912 ACRES MORE OR LESS.

BEGINNING OF FLOW LINE STA. 0+00 BEARS S82°24'36"W 1121.26' FROM THE NORTH 1/4 CORNER OF SECTION 14, T23S, R32E, N.M.P.M.

RIGHT-OF-WAY LENGTHS			
DESCRIPTION	FEET	ACRES	RODS
NW 1/4 SEC. 14	1116.30	0.256	67.65
NE 1/4 SEC. 14	2855.61	0.656	173.07
TOTAL	3971.91	0.912	240.72

▲ = SECTION CORNERS LOCATED.

NOTES:

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.

Nelson J. Marshall

REGISTERED LAND SURVEYOR

REGISTRATION NO. 12446

STATE OF NEW MEXICO

01-14-14

Sheet 1 of 2

CIMAREX

CIMAREX ENERGY CO.

CUERVO FEDERAL #24H

SECTION 14, T23S, R32E, N.M.P.M.

330' FNL 1335' FWL

DRAWN BY: B.D.H.

SCALE: 1" = 400'

DATE: 12-30-13

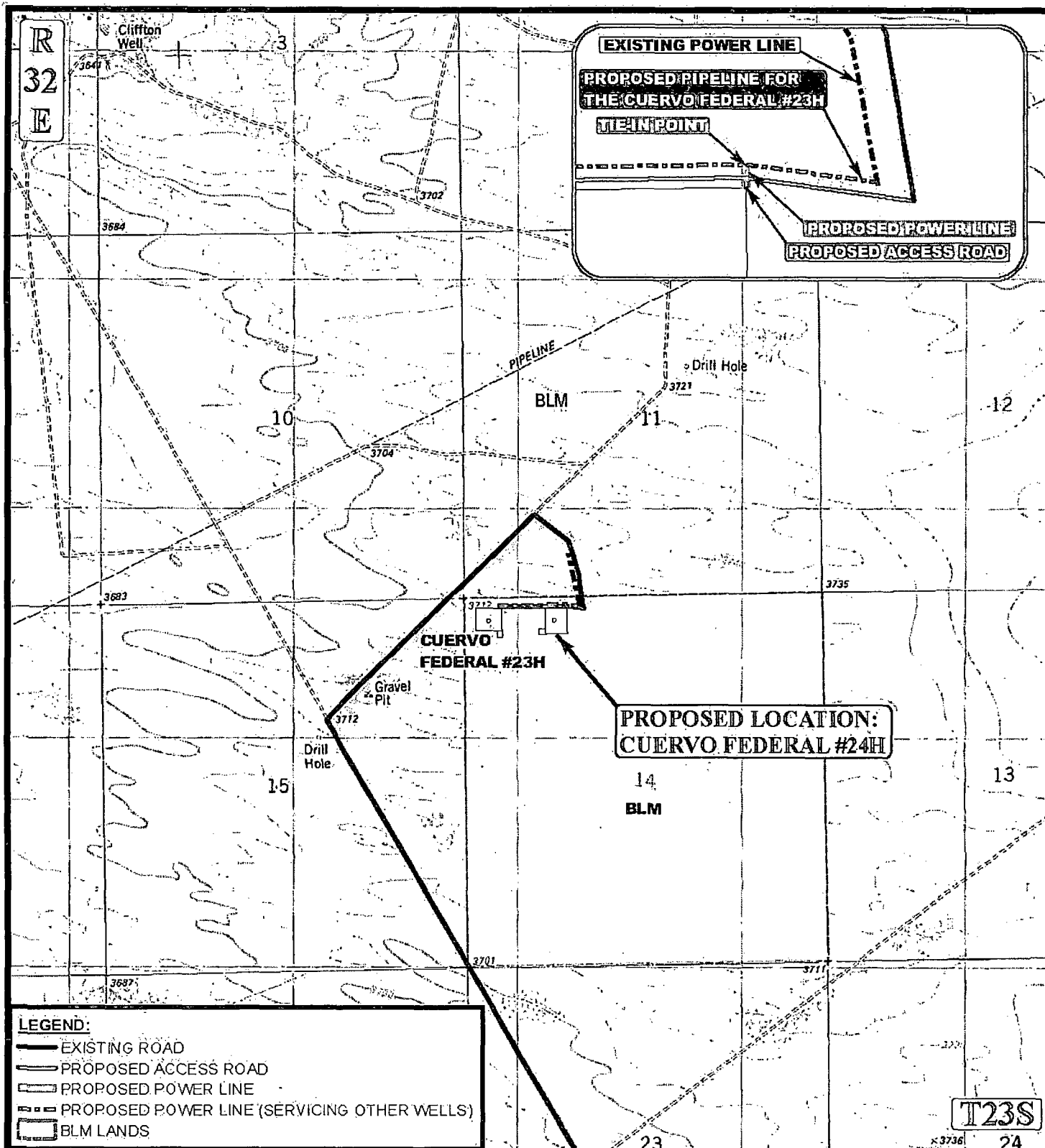
REVISED:

Corporate Office * 85 South 200 East

Vernal, UT 84078 * (435) 789-1017

FLOW LINE R-O-W

EXHIBIT C-1



APPROXIMATE TOTAL POWER LINE DISTANCE = 35' +/-

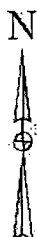
*PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINAH ENGINEERING & LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

SCALE: 1" = 2000'

REVISED: 00-00-00

DRAWN BY: J.M.C.

DATE DRAWN: 12/10/2013



CIMAREX ENERGY CO.

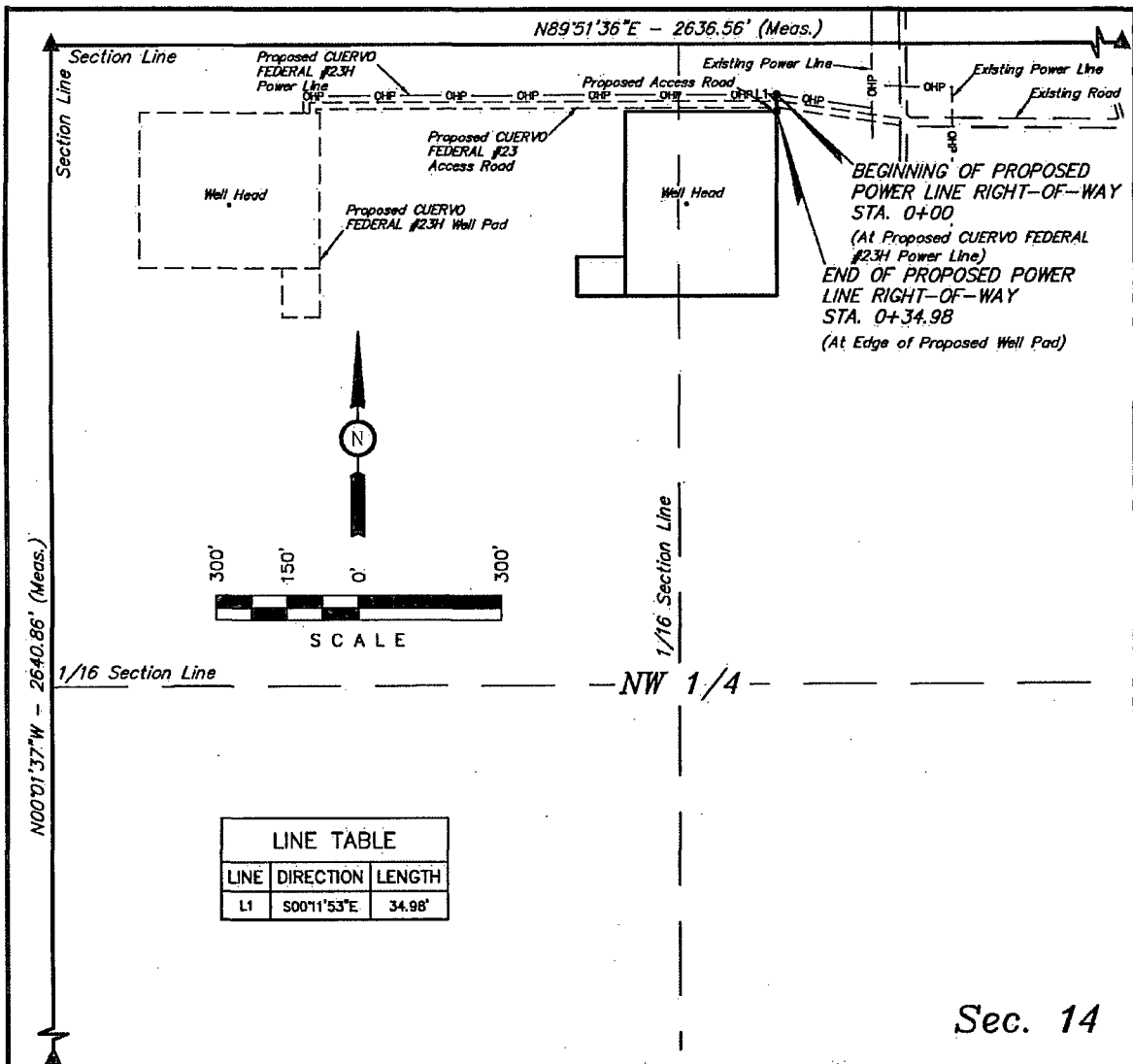
CUERVO FEDERAL #24H
SECTION 14, T23S, R32E, N.M.P.M.
330' FNL 1335' FWL

POWER LINE MAP

EXHIBIT H



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



Sec. 14

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 S84°26'25"W 1116.78' FROM THE NORTH 1/4 CORNER OF SAID SECTION 14, THENCE S00°11'53"E 34.98' TO A POINT IN THE NE 1/4 NW 1/4 OF SAID SECTION 14, WHICH BEARS S82°39'36"W 1120.59' FROM THE NORTH 1/4 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 0.008 ACRES MORE OR LESS.

BEGINNING OF POWER LINE STA. 0+00 BEARS S84°26'25"W 1116.78' FROM THE NORTH 1/4 CORNER OF SECTION 14, T23S, R32E, N.M.P.M.

END OF POWER LINE STA. 0+34.98 BEARS S82°39'36"W 1120.59' FROM THE NORTH 1/4 CORNER OF SECTION 14, T23S, R32E, N.M.P.M.

RIGHT-OF-WAY LENGTHS

DESCRIPTION	FEET	ACRES	RODS
BLM	34.98	0.008	2.12

▲ = 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
 01-14-14

NOTES:

CIMAREX

CIMAREX ENERGY CO.

CUERVO FEDERAL #24H
 SECTION 14, T23S, R32E, N.M.P.M.
 330' FNL 1335' FWL

DRAWN BY: B.D.H. SCALE: 1" = 300'
 DATE: 12-30-13 REVISED:

POWER LINE R-O-W



EXHIBIT H

UINTAH
 ENGINEERING & LAND SURVEYING

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

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 FOR THE CUERVO FEDERAL #23H TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 255' TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY DIRECTION APPROXIMATELY 15' 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 8.2 MILES.

DRAWN BY: J.M.C.	REVISED: 00-00-00	 CIMAREX ENERGY CO.
DATE DRAWN: 12/10/2013		
 Corporate Office * 85 South 200 East Vernal, UT 84078 * (435) 789-1017		CUERVO FEDERAL #24H SECTION 14, T23S, R32E, N.M.P.M. 330' FNL 1335' FWL
		ROAD DESCRIPTION
		EXHIBIT J