

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 OCD**

**JUL 14 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

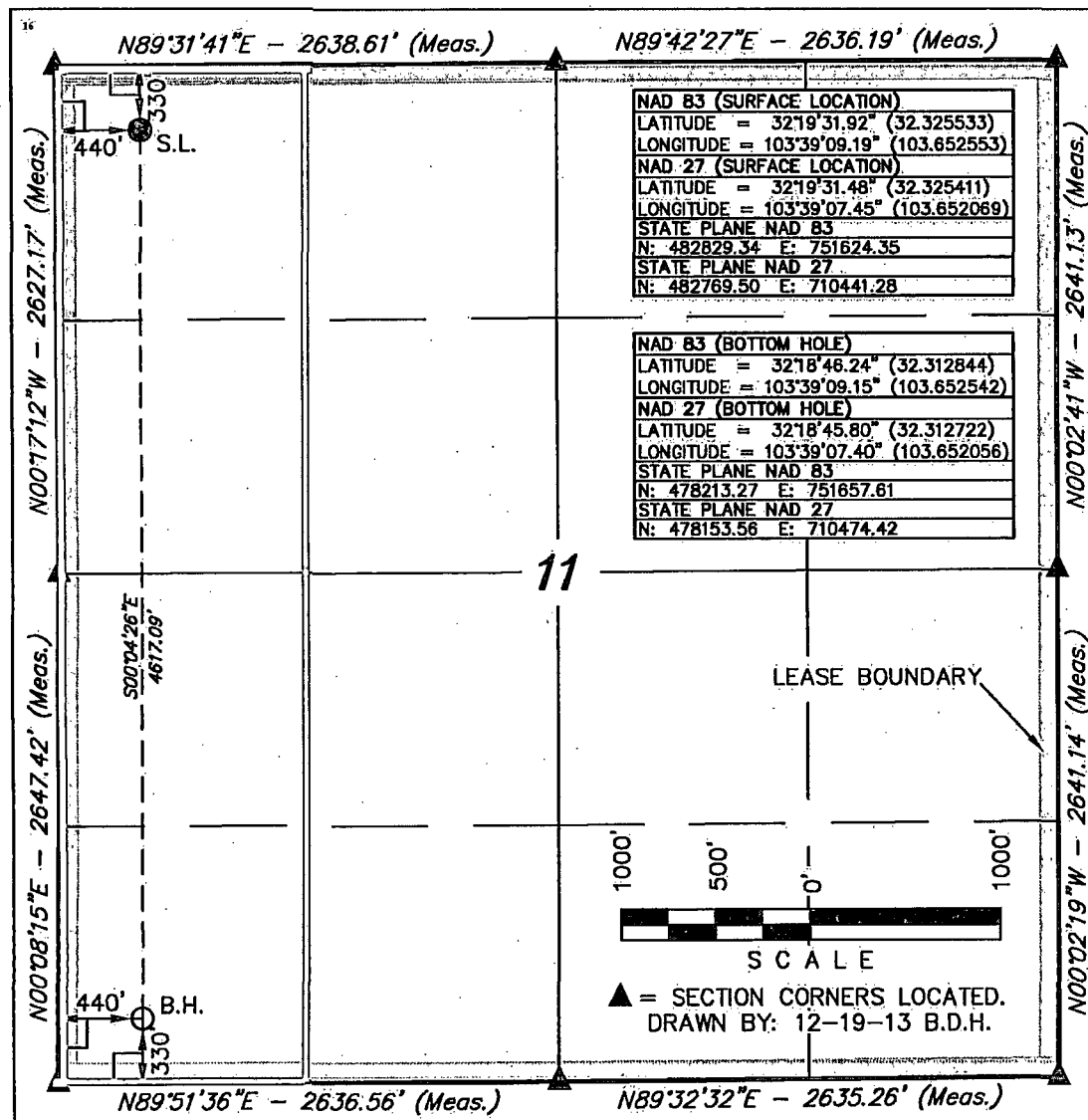
**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30025- <b>41968</b>	<sup>2</sup> Pool Code <b>17644</b>	<sup>3</sup> Pool Name <b>DIAMONATAIL, BS</b>
<sup>4</sup> Property Code <b>713960</b>	<sup>5</sup> Property Name URRACA FEDERAL	<sup>6</sup> Well Number #20H
<sup>7</sup> GRID No. 215099	<sup>8</sup> Operator Name CIMAREX ENERGY CO.	<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	11	23 S	32 E		330	NORTH	440	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	11	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.

*Aricka Easterling* -17-14  
Signature Date

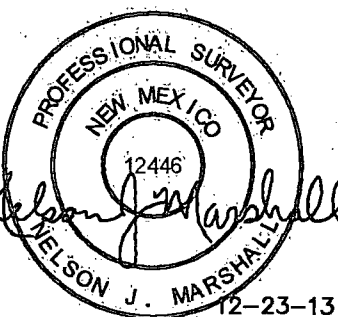
Printed Name  
**Aricka Easterling**

E-mail Address  
**aeasterling@cimarex.com**

**<sup>18</sup>SURVEYOR CERTIFICATION**

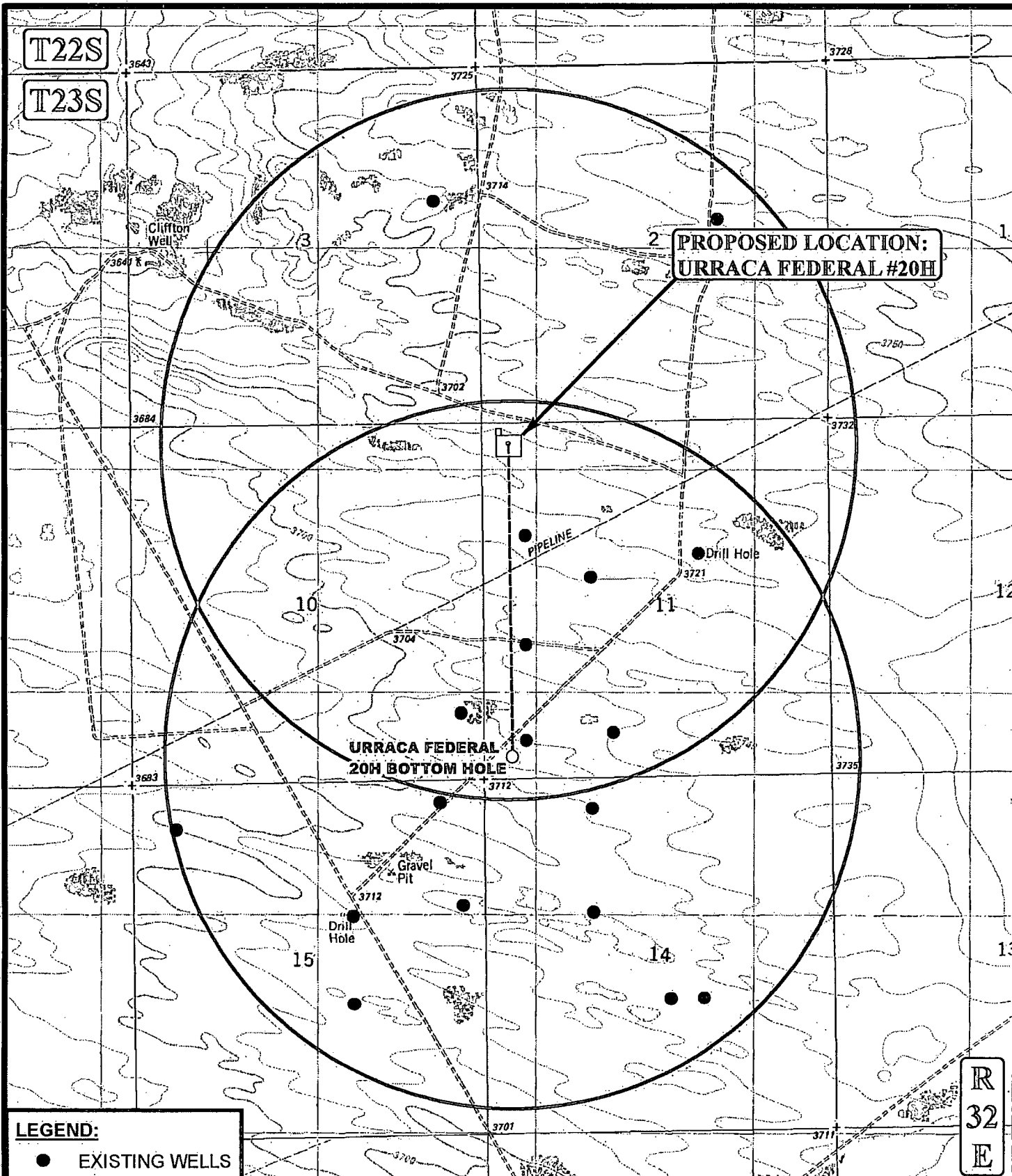
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

November 15, 2013  
Date of Survey  
Signature and Seal of Professional Surveyor:



Certificate Number:

**JUL 15 2014**



**LEGEND:**

- EXISTING WELLS

SCALE: 1" = 2000'

REVISED: 00-00-00

DRAWN BY: L.S.

DATE DRAWN: 12-09-13



**CIMAREX ENERGY CO.**

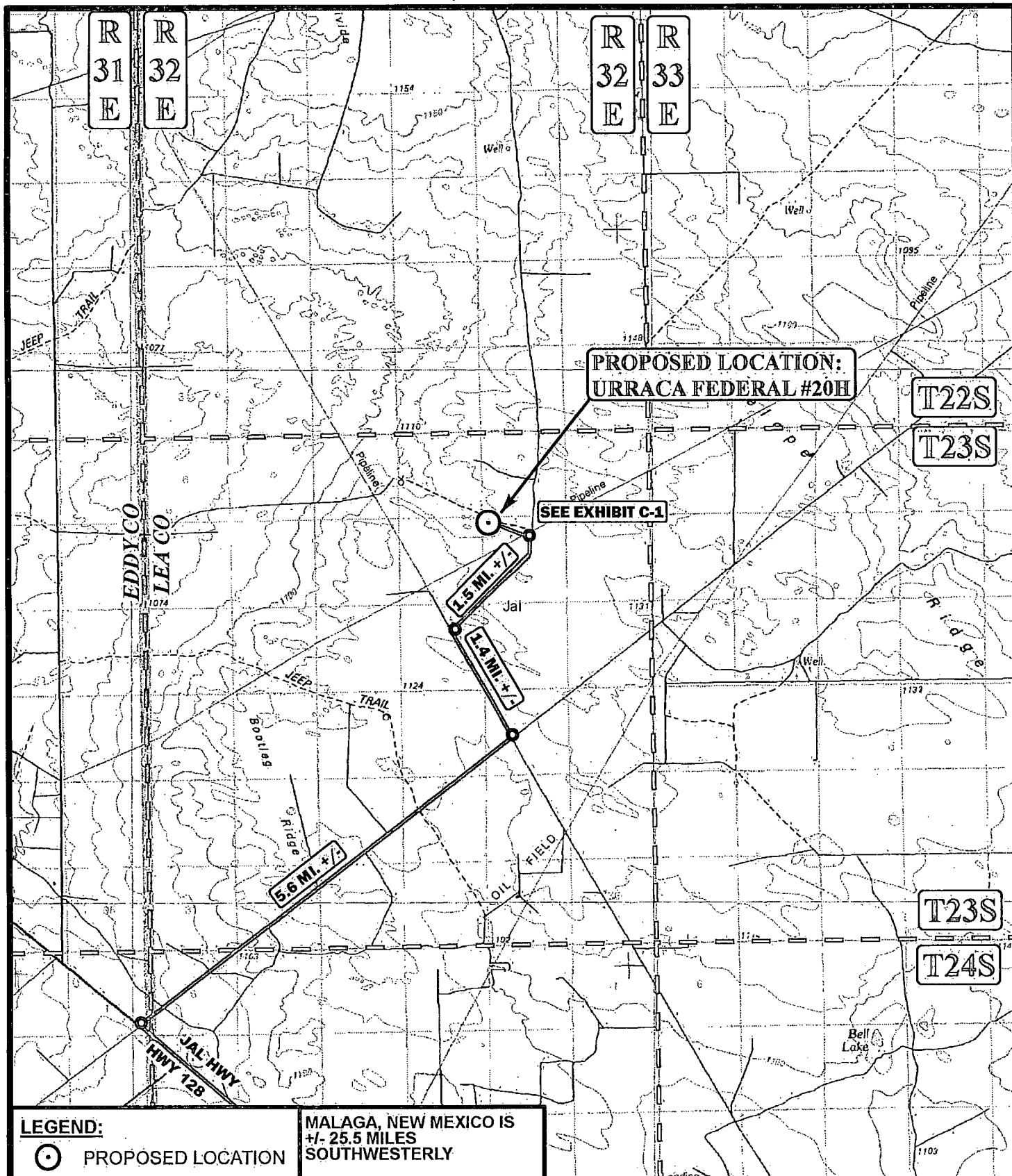
URRACA FEDERAL #20H  
SECTION 11, T23S, R32E, N.M.P.M.  
330' FNL 440' FWL

**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  
+/- 25.5 MILES  
SOUTHWESTERLY

SCALE: 1:100,000

REVISED: 00-00-00

DRAWN BY: L.S.

DATE DRAWN: 12-13-13

N



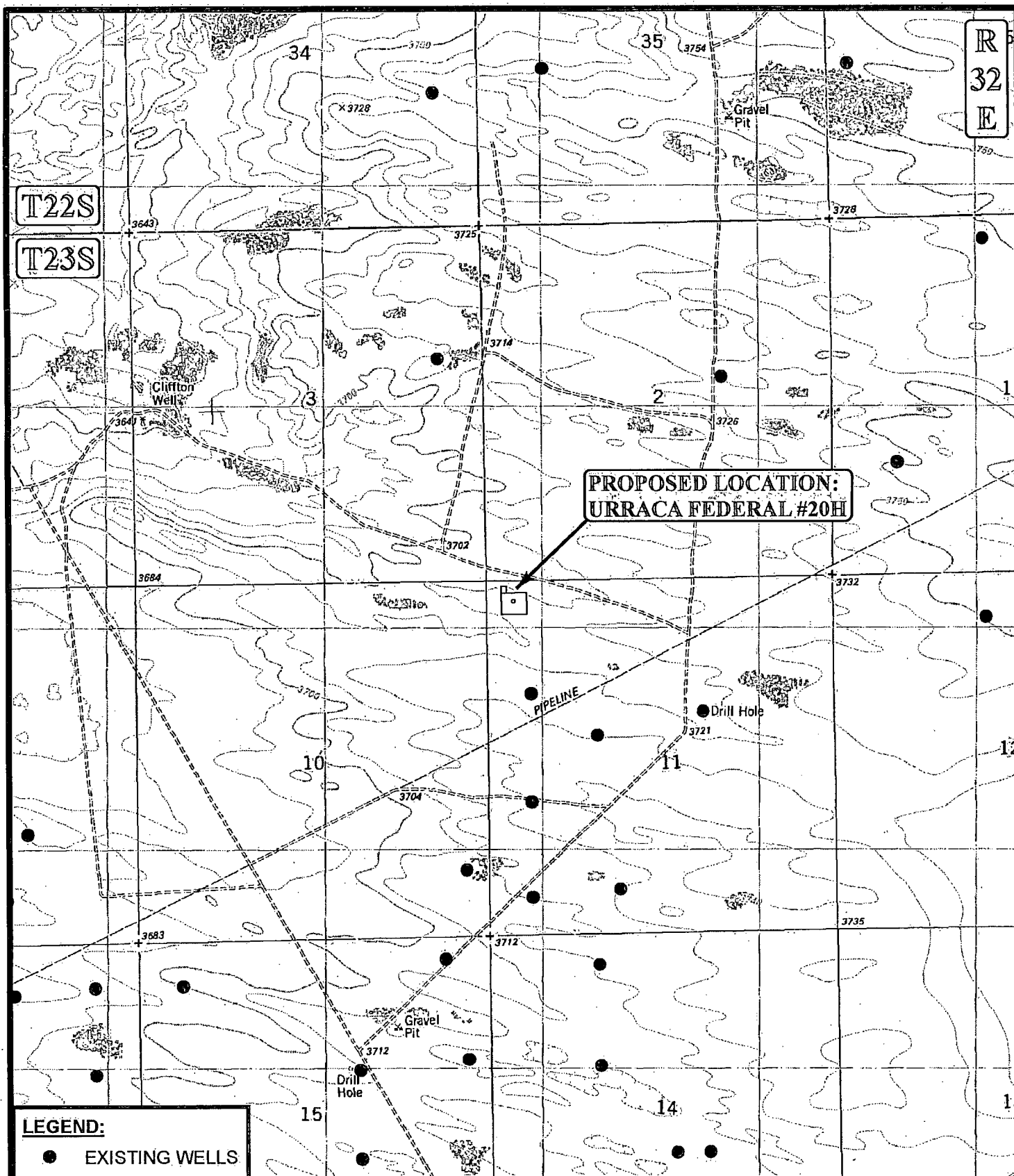
**CIMAREX ENERGY CO.**

URRACA FEDERAL #20H  
SECTION 11, T23S, R32E, N.M.P.M.  
330' FNL 440' 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: L.S.

DATE DRAWN: 12-13-13



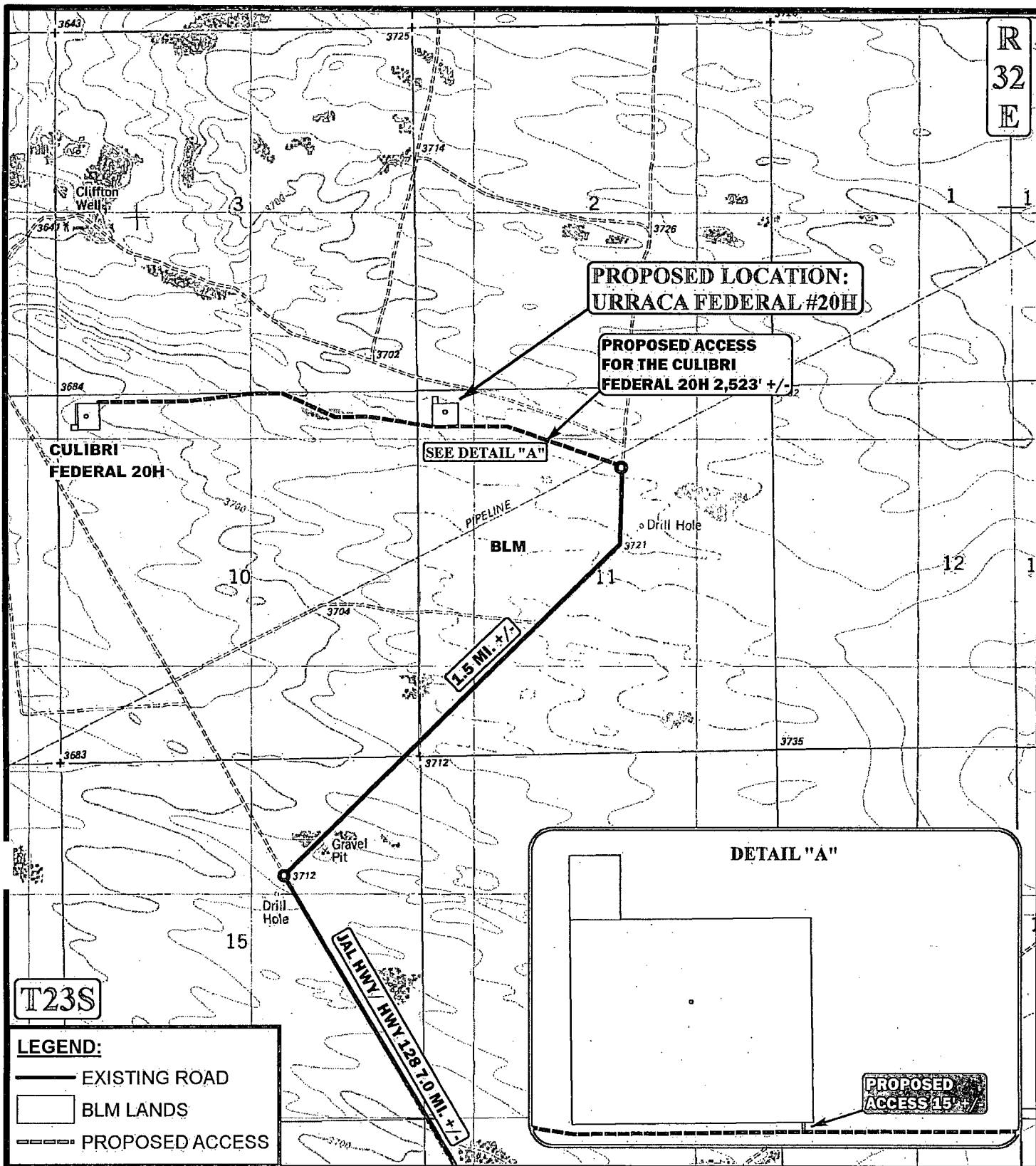
**CIMAREX ENERGY CO.**

URRACA FEDERAL #20H  
SECTION 11, T23S, R32E, N.M.P.M.  
330' FNL 440' FWL

**USGS TOPOGRAPHIC MAP EXHIBIT C**



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

SCALE: 1" = 2000'

REVISED: 00-00-00

DRAWN BY: L.S.

DATE DRAWN: 12-13-13



**CIMAREX ENERGY CO.**

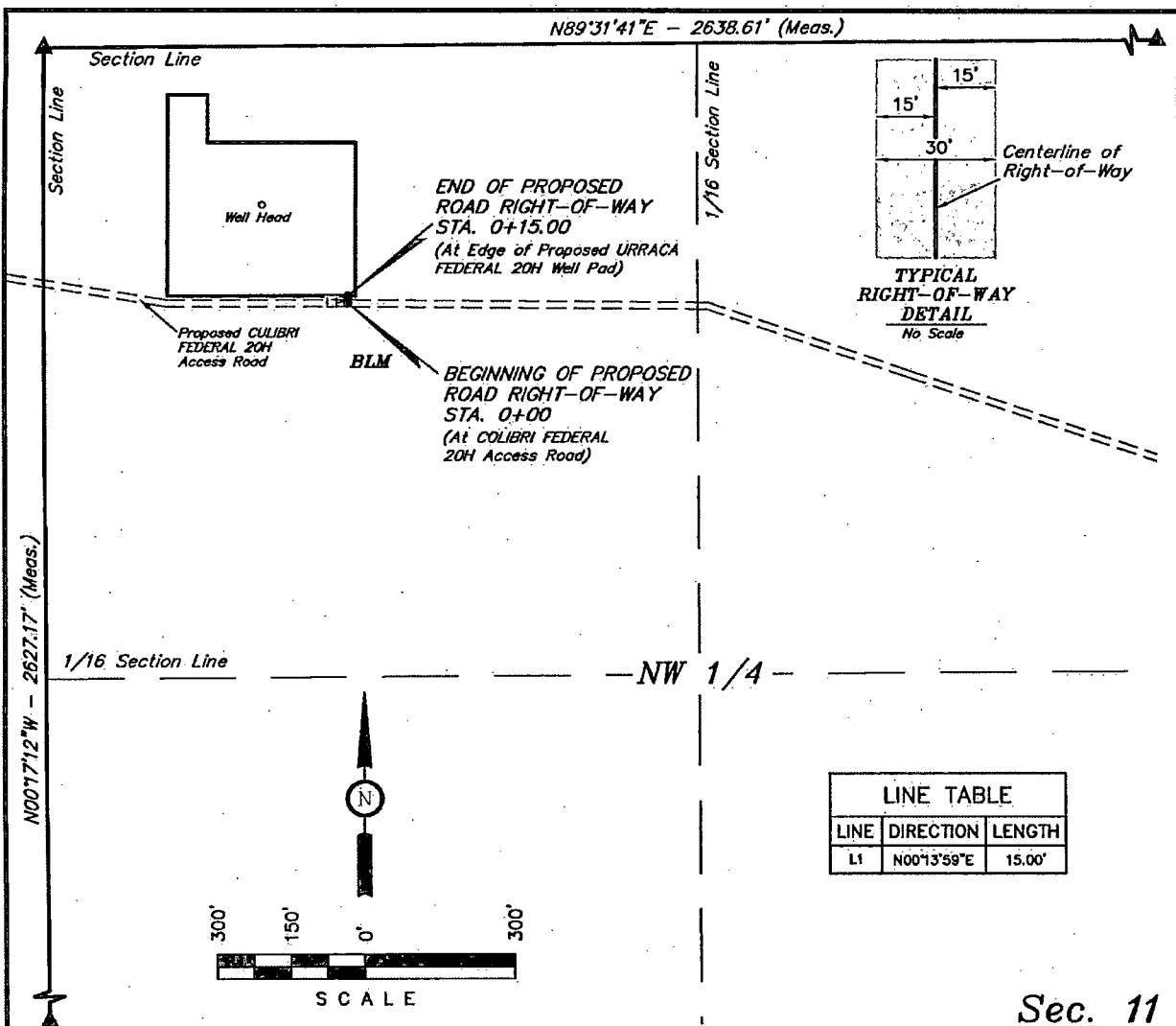
URRACA FEDERAL #20H  
SECTION 11, T23S, R32E, N.M.P.M.  
330' FNL 440' FWL

**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 NW 1/4 NW 1/4 OF SECTION 11, T23S, R32E, N.M.P.M., WHICH BEARS S50°03'33"E 804.43' FROM THE NORTHWEST CORNER OF SAID SECTION 11, THENCE N00°13'59"E 15.00' TO A POINT IN THE NW 1/4 NW 1/4 OF SAID SECTION 11, WHICH BEARS S49°14'48"E 813.97' FROM THE NORTHWEST CORNER OF SAID SECTION 11. 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 S50°03'33"E 804.43' FROM THE NORTHWEST CORNER OF SECTION 11, T23S, R32E, N.M.P.M.

END OF ROAD STA. 0+15.00 BEARS S49°14'48"E 813.97' FROM THE NORTHWEST CORNER OF SECTION 11, T23S, R32E, N.M.P.M.

RIGHT-OF-WAY LENGTHS			
DESCRIPTION	FEET	ACRES	RODS
BLM	15.00	0.010	0.91

▲ = SECTION CORNERS LOCATED.

#### NOTES:

- The maximum grade of existing ground for the proposed access road is  $\pm 0.4\%$ .

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

12446

Nelson J. Marshall

REGISTERED LAND SURVEYOR

REGISTRATION NO. 12446

STATE OF NEW MEXICO

12-23-13



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



CIMAREX ENERGY CO.

URRACA FEDERAL #20H  
SECTION 11, T23S, R32E, N.M.P.M.  
330' FNL 440' FWL

DRAWN BY: B.D.H.

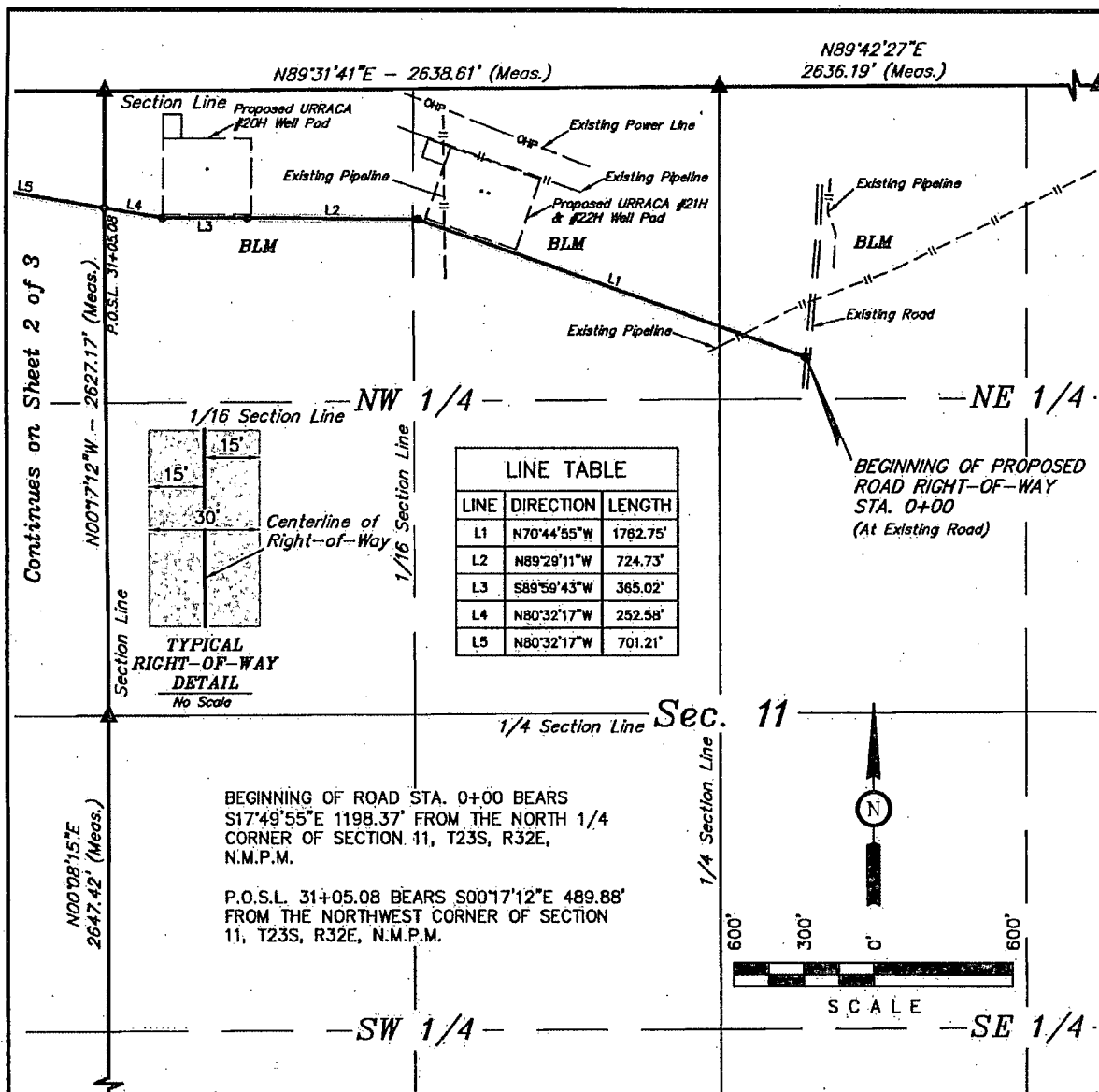
SCALE: 1" = 300'

DATE: 12-19-13

REVISED:

ACCESS ROAD R-O-W

EXHIBIT C-2



RIGHT-OF-WAY LENGTHS			
DESCRIPTION	FEET	ACRES	RODS
SEC. 11, NE 1/4	387.73	0.267	23.50
SEC. 11, NW 1/4	2717.35	1.871	164.69
SEC. 10, NE 1/4	2728.59	1.879	165.37
SEC. 10, NW 1/4	2047.35	1.410	124.08
TOTAL	7881.02	5.428	477.64

▲ = SECTION CORNERS LOCATED.

△ = SECTION CORNERS RE-ESTABLISHED.  
(Not Set on Ground.)

**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.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 12448  
STATE OF NEW MEXICO 02-12-14

Sheet 1 of 3



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



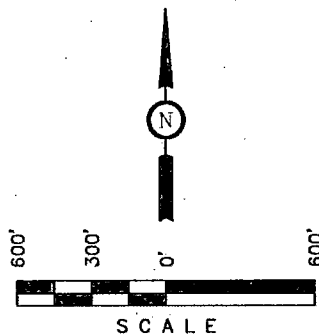
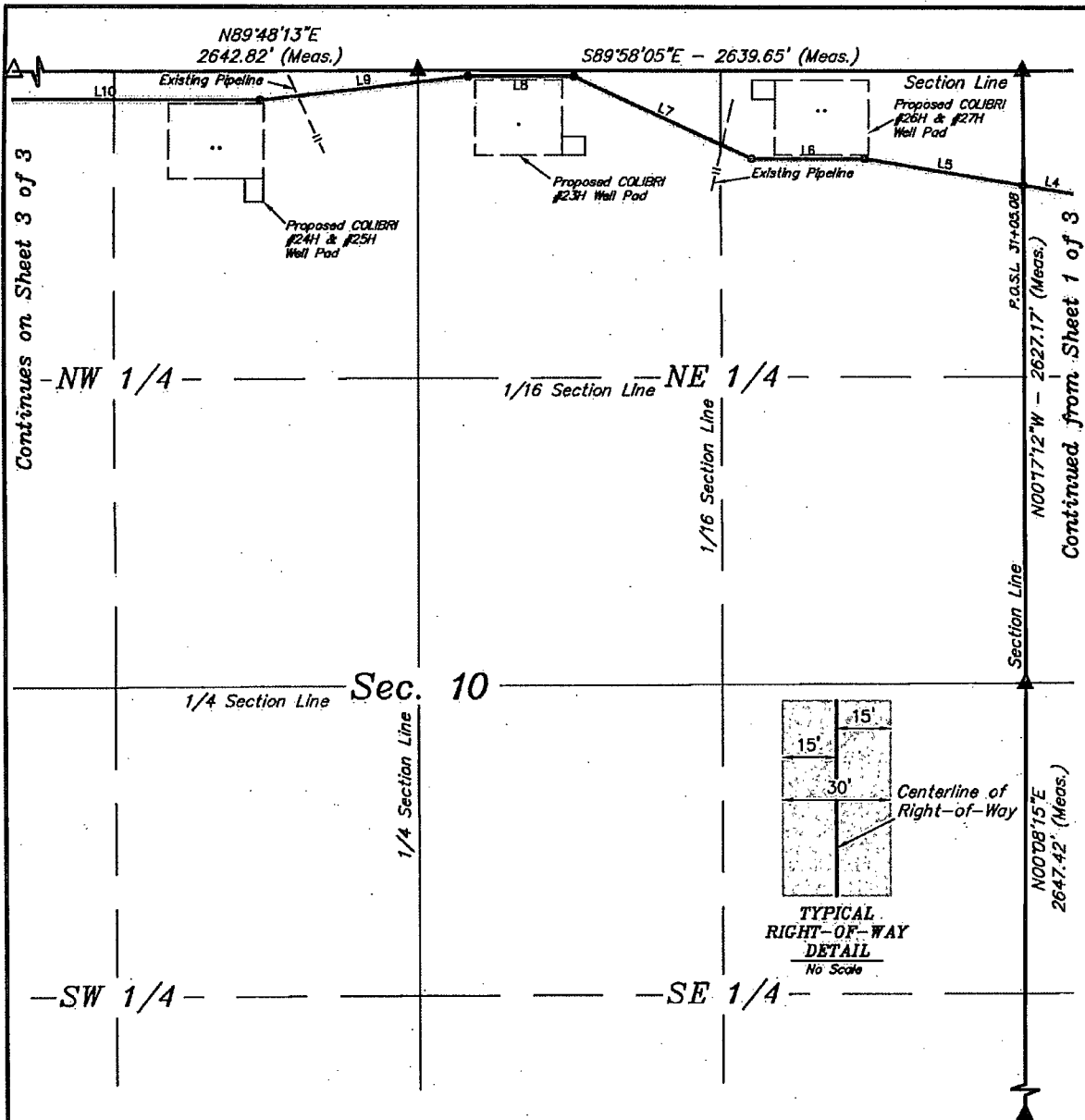
**CIMAREX ENERGY CO.**

COLIBRI FEDERAL #20H  
SECTION 10, T23S, R32E, N.M.P.M.  
321' FNL 439' FWL

DRAWN BY: B.D.H. DATE: 01-10-14  
SCALE: 1" = 600' REVISED: 02-12-14

**ACCESS ROAD R-O-W**

**EXHIBIT C-2**



LINE TABLE		
LINE	DIRECTION	LENGTH
L5	N80°32'17"W	701.21'
L6	N89°58'15"W	495.02'
L7	N65°38'40"W	850.28'
L8	S89°59'08"W	461.76'
L9	S83°44'55"W	912.84'
L10	N89°57'57"W	1340.03'

P.O.S.L. STA. 31+05.08 BEARS S00°17'12"E  
489.88' FROM THE NORTHWEST CORNER OF  
SECTION 11, T23S, R32E, N.M.P.M.

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.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 12449-5  
STATE OF NEW MEXICO 02-12-14

- ▲ = SECTION CORNERS LOCATED.  
△ = SECTION CORNERS RE-ESTABLISHED.  
(Not Set on Ground.)

Sheet 2 of 3

NOTES:

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



CIMAREX ENERGY CO.

COLIBRI FEDERAL #20H  
SECTION 10, T23S, R32E, N.M.P.M.  
321' FNL 439' FWL

DRAWN BY: B.D.H.

SCALE: 1" = 600'

DATE: 01-10-14

REVISED: 02-12-14

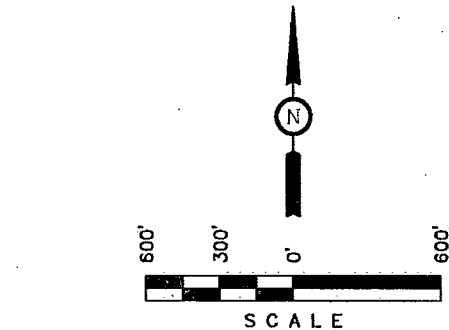
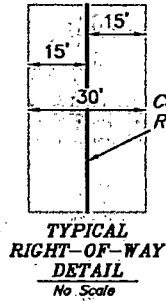
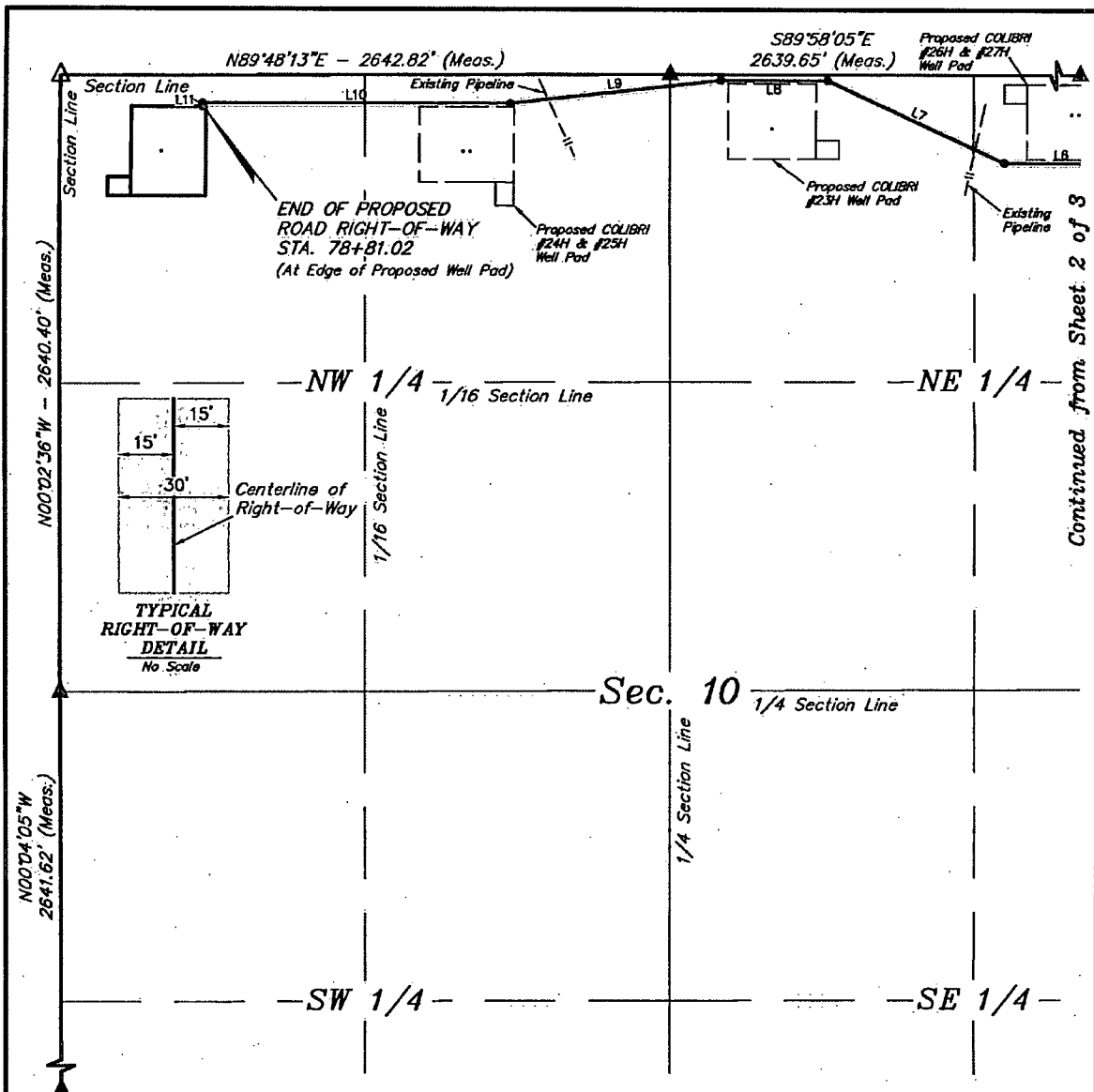
ACCESS ROAD R-O-W

EXHIBIT C-2



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





P.O.S.L. STA. 31+05.08 BEARS S86°05'16\"W  
2033.18' FROM THE NORTH 1/4 CORNER OF  
SECTION 11, T23S, R32E, N.M.P.M.

- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED.  
(Not Set on Ground.)

**NOTES:**

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

LINE TABLE		
LINE	DIRECTION	LENGTH
L6	N89°58'15\"W	495.02'
L7	N65°38'40\"W	850.26'
L8	S89°59'08\"W	461.76'
L9	S83°44'55\"W	912.84'
L10	N89°57'57\"W	1340.03'
L11	S00°13'19\"W	14.82'

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.

*Professional Surveyor Seal*  
**Robert J. Marshall**  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 12446  
 STATE OF NEW MEXICO  
 02-12-14

Sheet 3 of 3



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Vernal, UT 84078 • (435) 789-1017



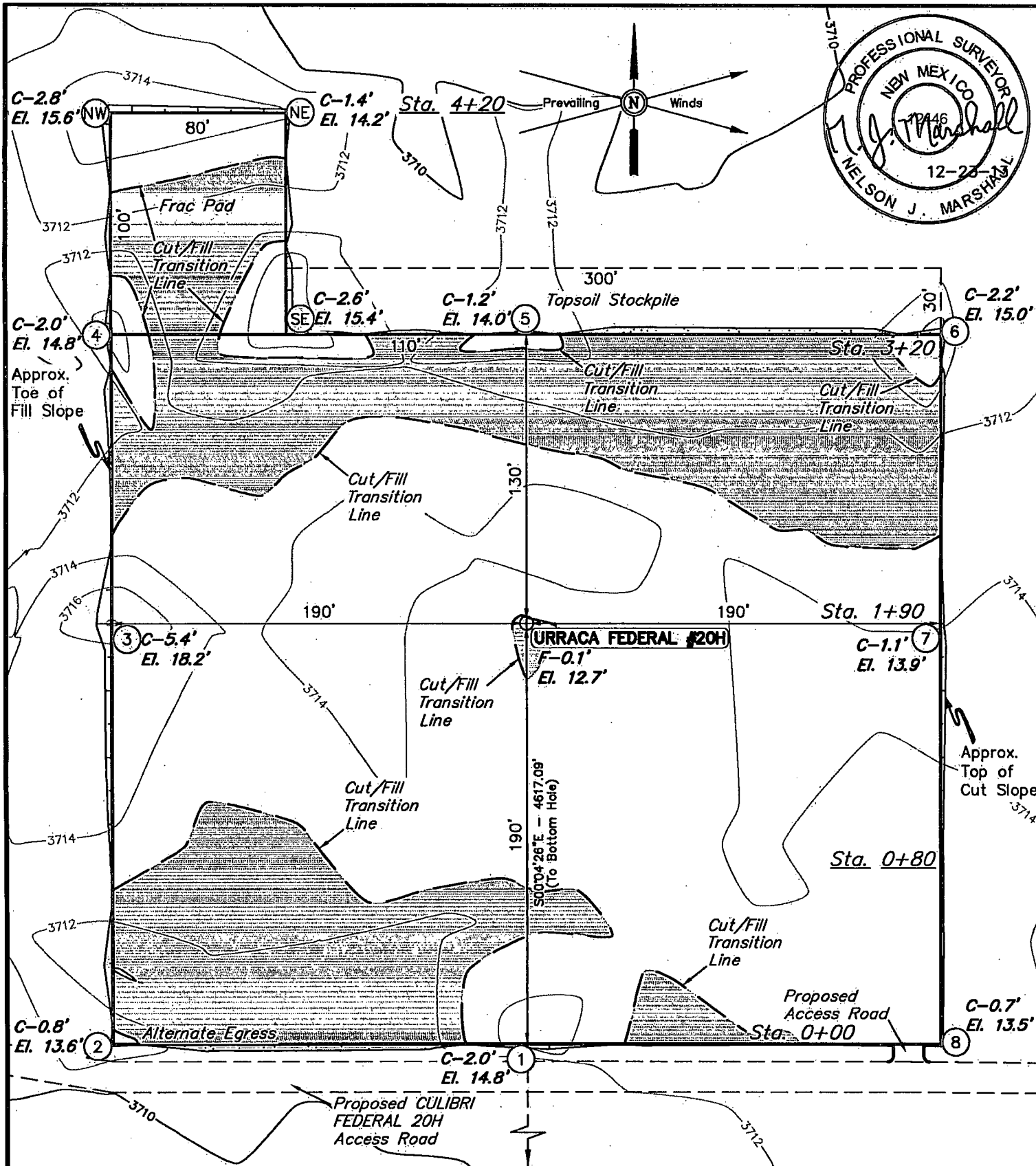
**CIMAREX ENERGY CO.**

COLIBRI FEDERAL #20H  
SECTION 10, T23S, R32E, N.M.P.M.  
321' FNL 439' FWL

DRAWN BY: B.D.H.      SCALE: 1" = 600'  
DATE: 01-10-14      REVISED: 02-12-14

**ACCESS ROAD R-O-W**

**EXHIBIT C-2**



ELEV. UNGRADED GROUND AT LOC. STAKE = 3712.7 FINISHED GRADE ELEV. AT LOC. STAKE = 3712.8'

**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.
- Earthwork calculation require a fill of 0.1' @ the location stake. All fill is to be compacted to minimum of 95% of maximum dry density obtained by AASHTO method t-99.



**CIMAREX ENERGY CO.**

URRACA FEDERAL #20H  
 SECTION 11, T23S, R32E, N.M.P.M.  
 330' FNL 440' FWL

DRAWN BY: B.D.H.

SCALE: 1" = 60'

DATE: 12-19-13

REVISED:

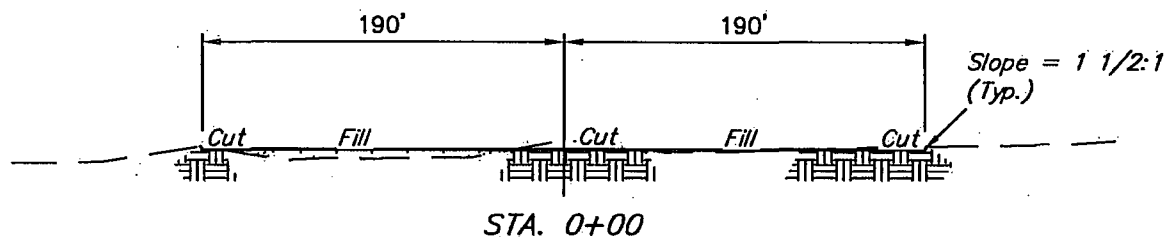
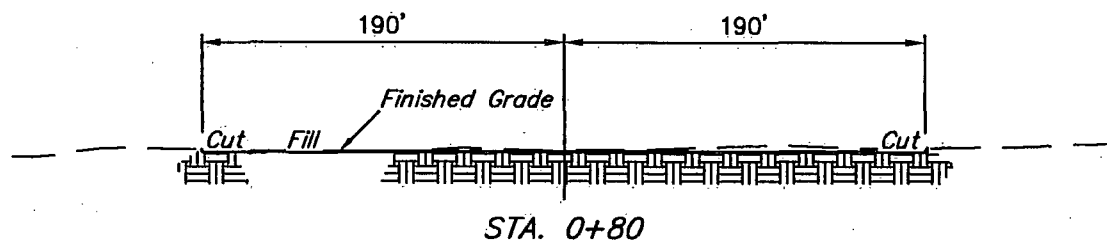
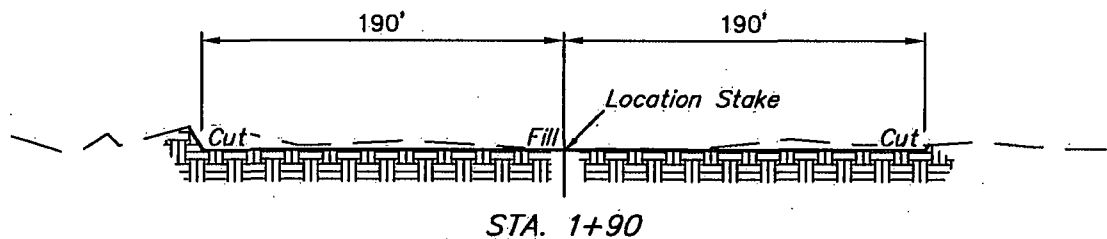
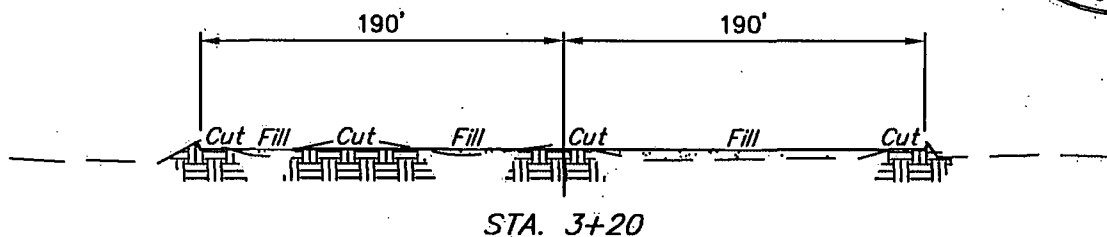
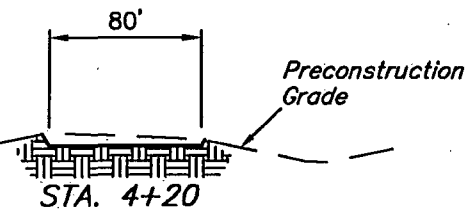
**LOCATION LAYOUT**

**EXHIBIT D**



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	1,230 Cu. Yds.		DISTANCE	ACRES
REMAINING LOCATION	2,010 Cu. Yds.	WELL SITE DISTURBANCE	NA	±3.230
<b>TOTAL CUT</b>	<b>3,240 Cu. Yds.</b>	ACCESS ROAD DISTURBANCE	±15.00'	±0.010
<b>FILL</b>	<b>2,010 Cu. Yds.</b>			
EXCESS MATERIAL	1,230 Cu. Yds.			
TOPSOIL	1,230 Cu. Yds.			
<b>EXCESS UNBALANCE</b> (After Interim Rehabilitation)	<b>0 Cu. Yds.</b>	<b>TOTAL SURFACE USE AREA</b>	<b>±15.00'</b>	<b>±3.240</b>

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



**CIMAREX ENERGY CO.**

URRACA FEDERAL #20H  
SECTION 11, T23S, R32E, N.M.P.M.  
330' FNL 440' FWL

DRAWN BY: B.D.H.

SCALE: AS SHOWN

DATE: 12-19-13

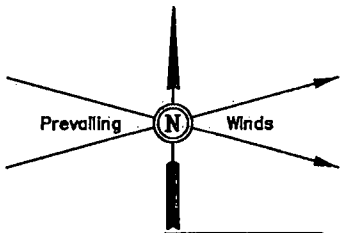
REVISED:



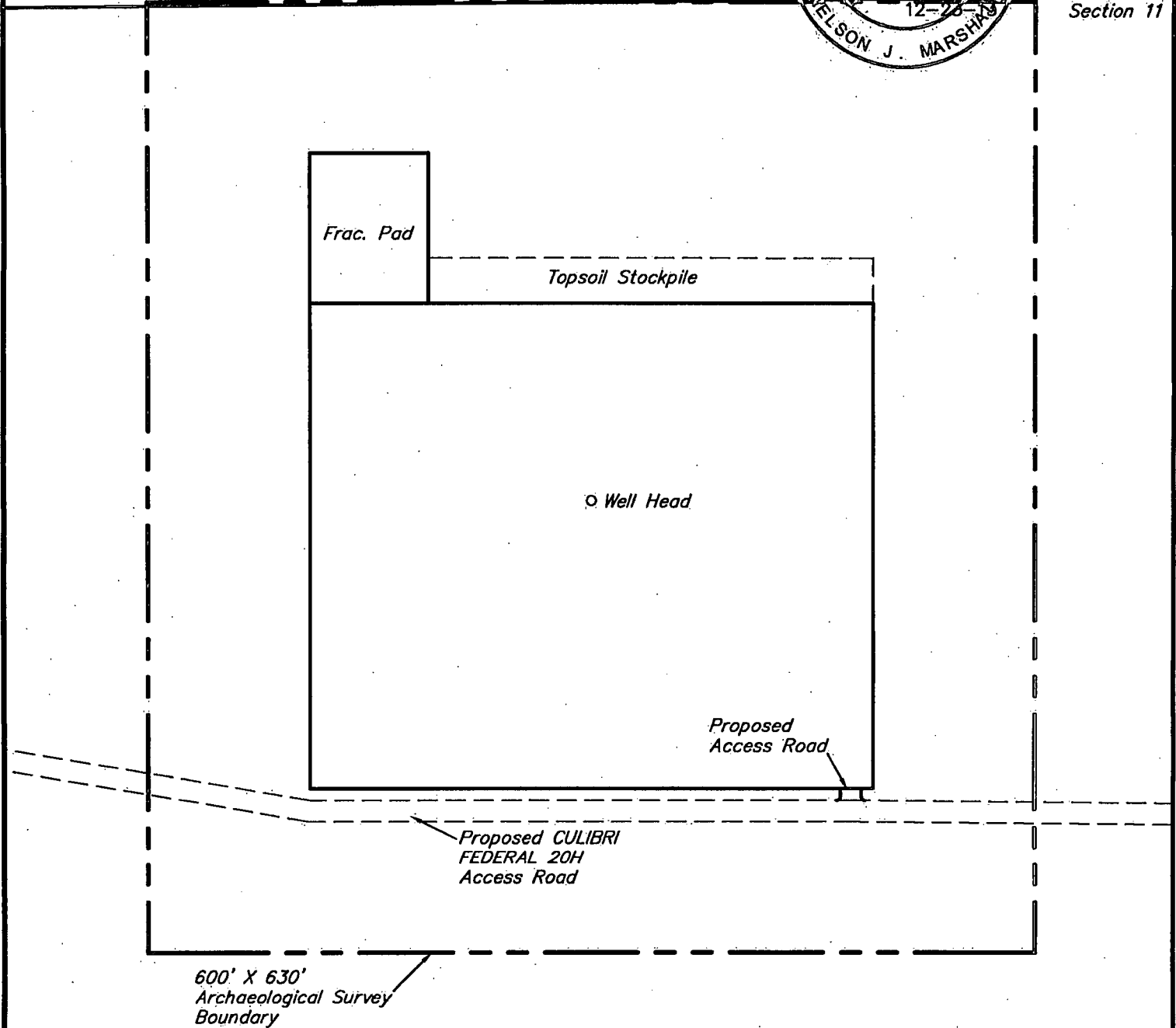
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

**TYPICAL CROSS SECTIONS**

**EXHIBIT D**



Section 2  
Section 11



NOTES:

<b>CIMAREX</b>		<b>CIMAREX ENERGY CO.</b>	
URRACA FEDERAL #20H SECTION 11, T23S, R32E, N.M.P.M. 330' FNL 440' FWL			
DRAWN BY: B.D.H.	SCALE: 1" = 100'		
DATE: 12-19-13	REVISED:		
ARCHAEOLOGICAL SURVEY BOUNDARY		EXHIBIT D	



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, THEN NORTHERLY DIRECTION APPROXIMATELY 1.5 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE CULIBRI FEDERAL #20H TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY, THEN WESTERLY DIRECTION APPROXIMATELY 2,523' TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY 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, HIGHWAY/ HWY 128 TO THE PROPOSED LOCATION IS APPROXIMATELY 9.0 MILES.

DRAWN BY: L.S.	REVISED: 00-00-00	
DATE DRAWN: 12-13-13		



**CIMAREX ENERGY CO.**

URRACA FEDERAL #20H  
SECTION 11, T23S, R32E, N.M.P.M.  
330' FNL 440' FWL

**ROAD DESCRIPTION**

**EXHIBIT J**



Corporate Office \* 85 South 200 East  
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