

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. **HOBBS OCD**  
Santa Fe, NM 87505

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

AMENDED REPORT

SEP 12 2014

WELL LOCATION AND ACREAGE DEDICATION **RECEIVED**

<sup>1</sup> API Number 30025- <b>42109</b>	<b>17644</b>	<sup>3</sup> Pool Name <b>DIAMONDTAILS BONE SPRING</b>
<sup>4</sup> Property Code <b>3134-60</b>	<sup>5</sup> Property Name URRACA FEDERAL COM	<sup>6</sup> Well Number #23H
<sup>7</sup> OGRID No. 215099	<sup>8</sup> Operator Name CIMAREX ENERGY CO.	<sup>9</sup> Elevation 3724'

<sup>10</sup> Surface Location

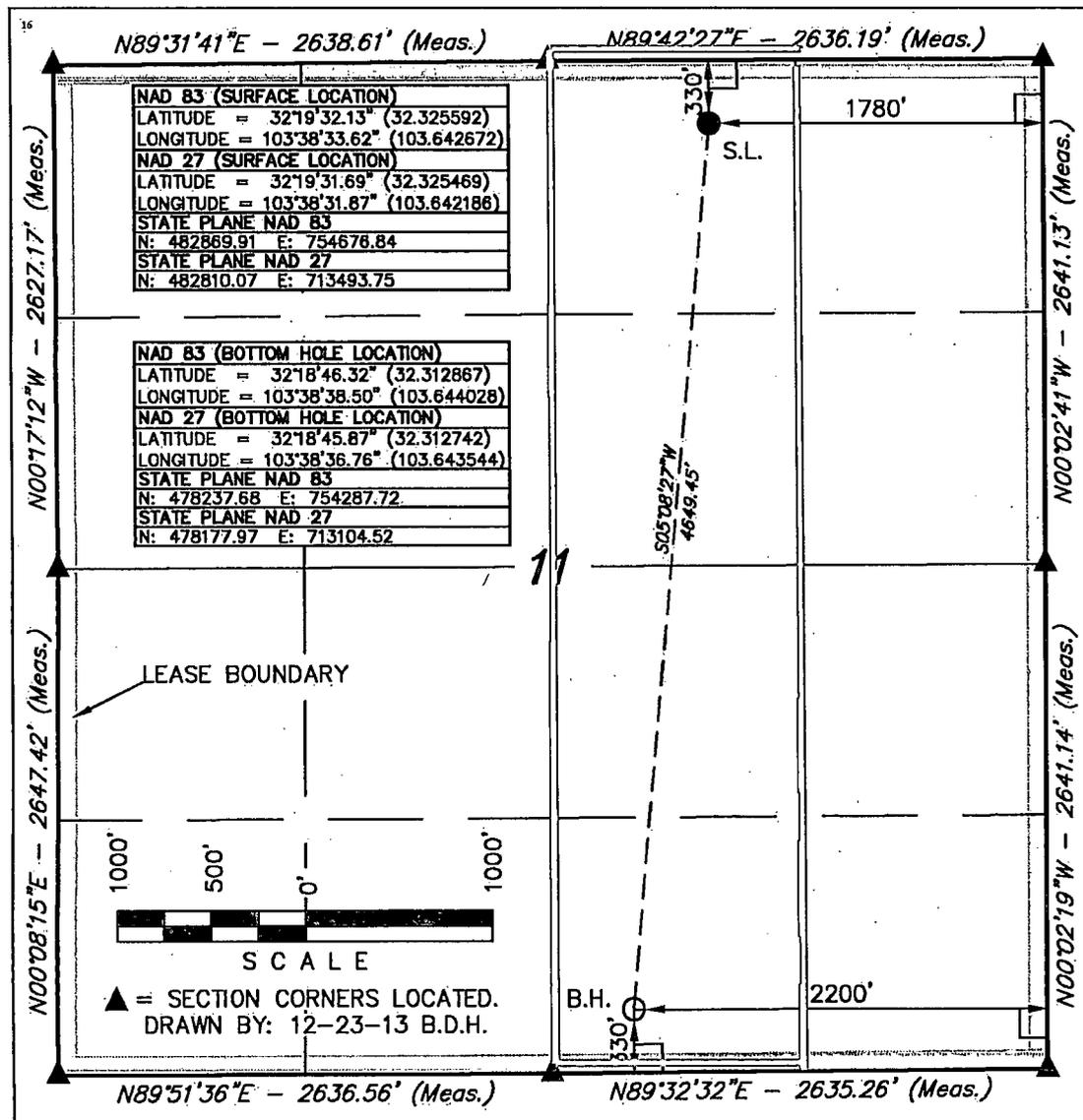
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	11	23 S	32 E		330	NORTH	1780	EAST	LEA

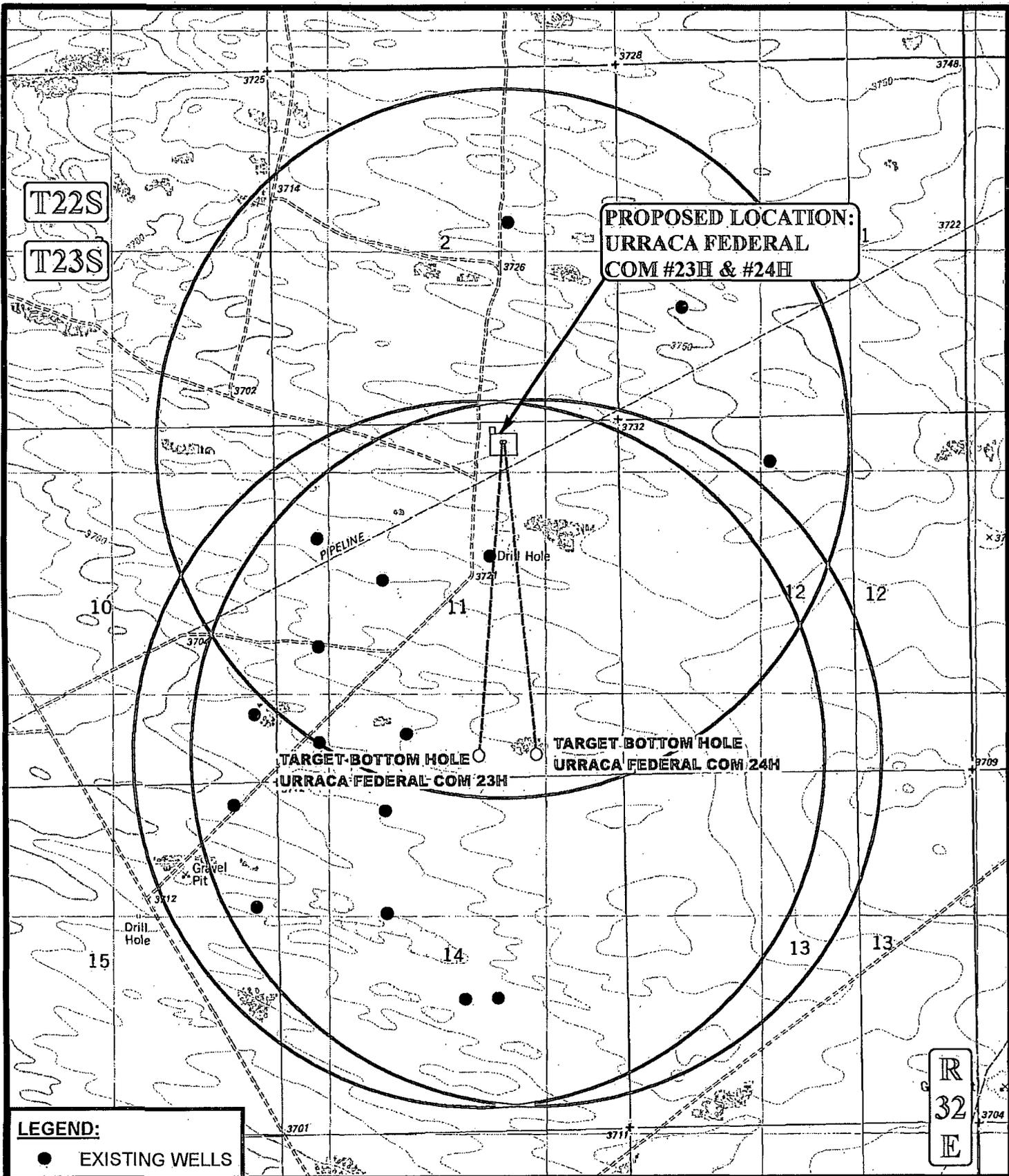
<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	11	23 S	32 E		330	SOUTH	2200	EAST	LEA

<sup>12</sup> Dedicated Acres 160	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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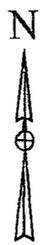
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.





**LEGEND:**  
 ● EXISTING WELLS

SCALE: 1" = 2000'	REVISED: 00-00-00
DRAWN BY: L.S.	
DATE DRAWN: 12-18-13	



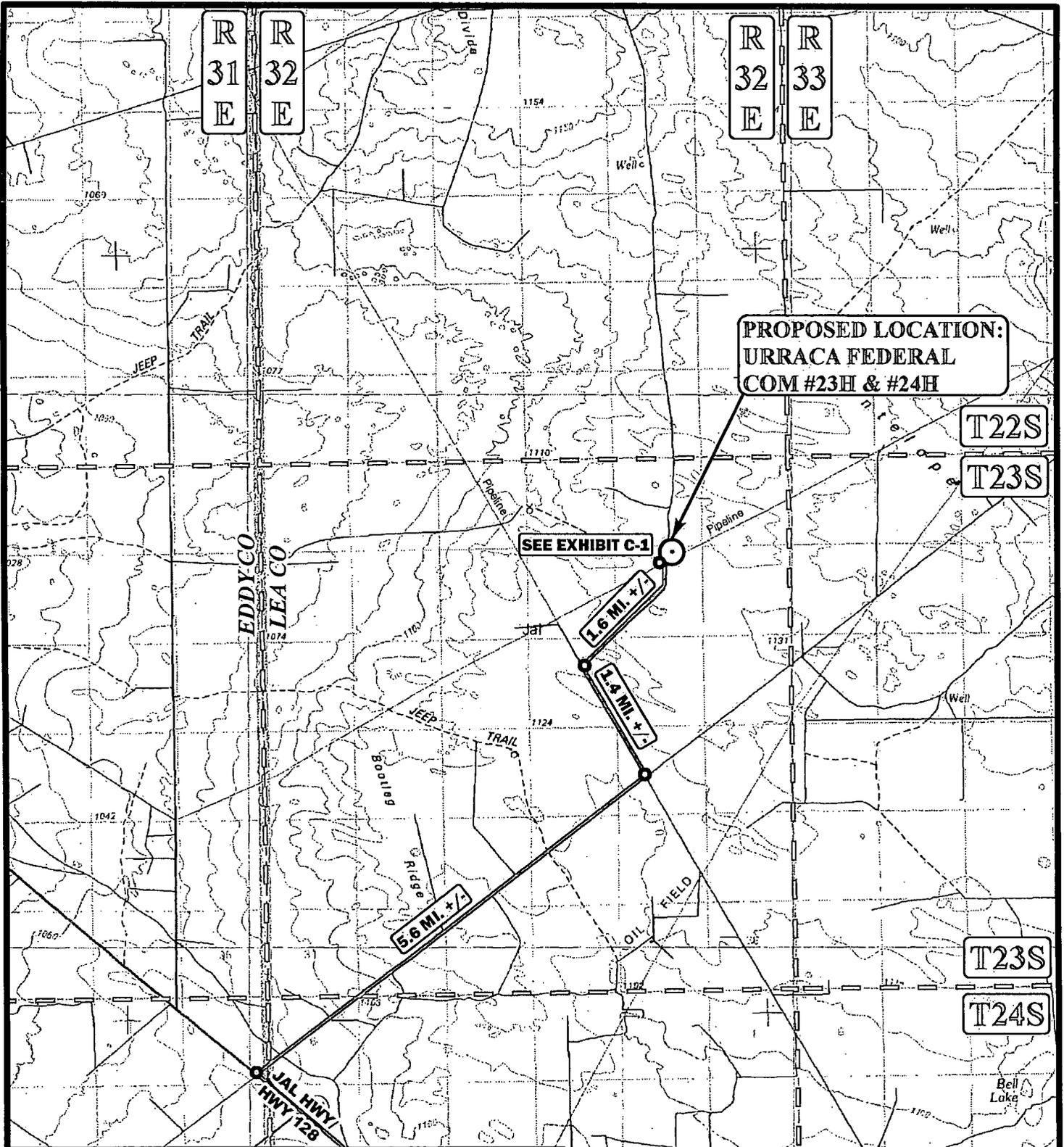
**CIMAREX** **CIMAREX ENERGY CO.**

URRACA FEDERAL COM #23H & #24H  
 SECTION 11, T23S, R32E, N.M.P.M.  
 NW 1/4 NE1/4



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

**ONE MILE RADIUS PLAT** **EXHIBIT A**



**LEGEND:**

○ PROPOSED LOCATION

MALAGA, NEW MEXICO IS  
+/- 26.1 MILES  
NORTHWESTERLY

SCALE: 1:100,000

REVISED: 00-00-00

DRAWN BY: L.S.

DATE DRAWN: 12-18-13

N



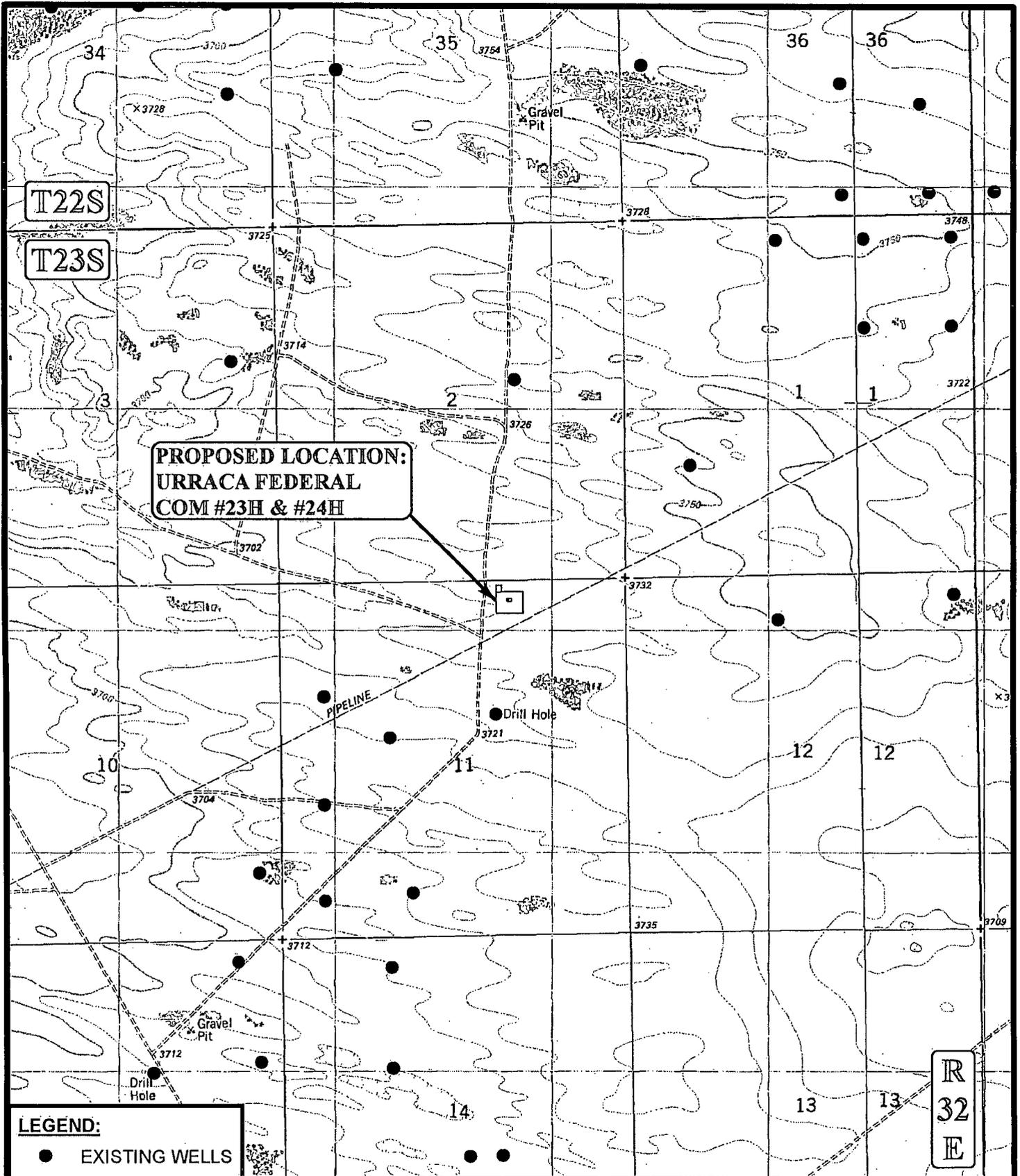
**CIMAREX ENERGY CO.**

URRACA FEDERAL COM #23H & #24H  
SECTION 11, T23S, R32E, N.M.P.M.  
NW 1/4 NE1/4

**PUBLIC ACCESS ROAD MAP EXHIBIT B**



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



**PROPOSED LOCATION:  
URRACA FEDERAL  
COM #23H & #24H**

**LEGEND:**  
● EXISTING WELLS

SCALE: 1" = 2000'  
DRAWN BY: L.S.  
DATE DRAWN: 12-18-13

REVISED: 00-00-00



**CIMAREX** CIMAREX ENERGY CO.

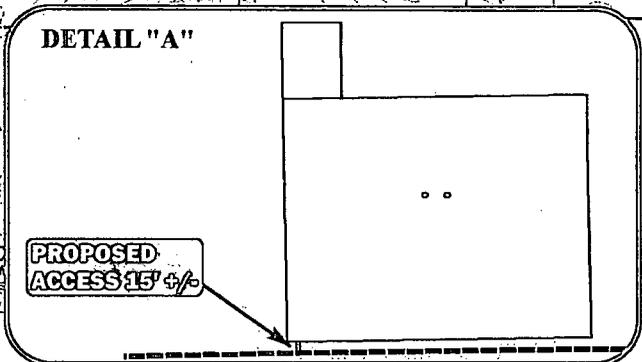
URRACA FEDERAL COM #23H & #24H  
SECTION 11, T23S, R32E, N.M.P.M.  
NW 1/4 NE1/4

USGS TOPOGRAPHIC MAP EXHIBIT C



Corporate Office \* 85 South 200 East  
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R  
32  
E



**PROPOSED LOCATION:  
URRACA FEDERAL  
COM #23H & #24H**

3732  
**URRACA  
FED 25H**

**PROPOSED ACCESS FOR  
THE URRACA 25H 234' +/-**

SEE DETAIL "A"

1.6 MI. +/-

U.S. HWY 128 7.0 MI. +/-

T23S

**LEGEND:**

- BLM LANDS
- PROPOSED ACCESS
- EXISTING ROAD

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

SCALE: 1" = 2000'	REVISED: 00-00-00
DRAWN BY: L.S.	
DATE DRAWN: 12-18-13	



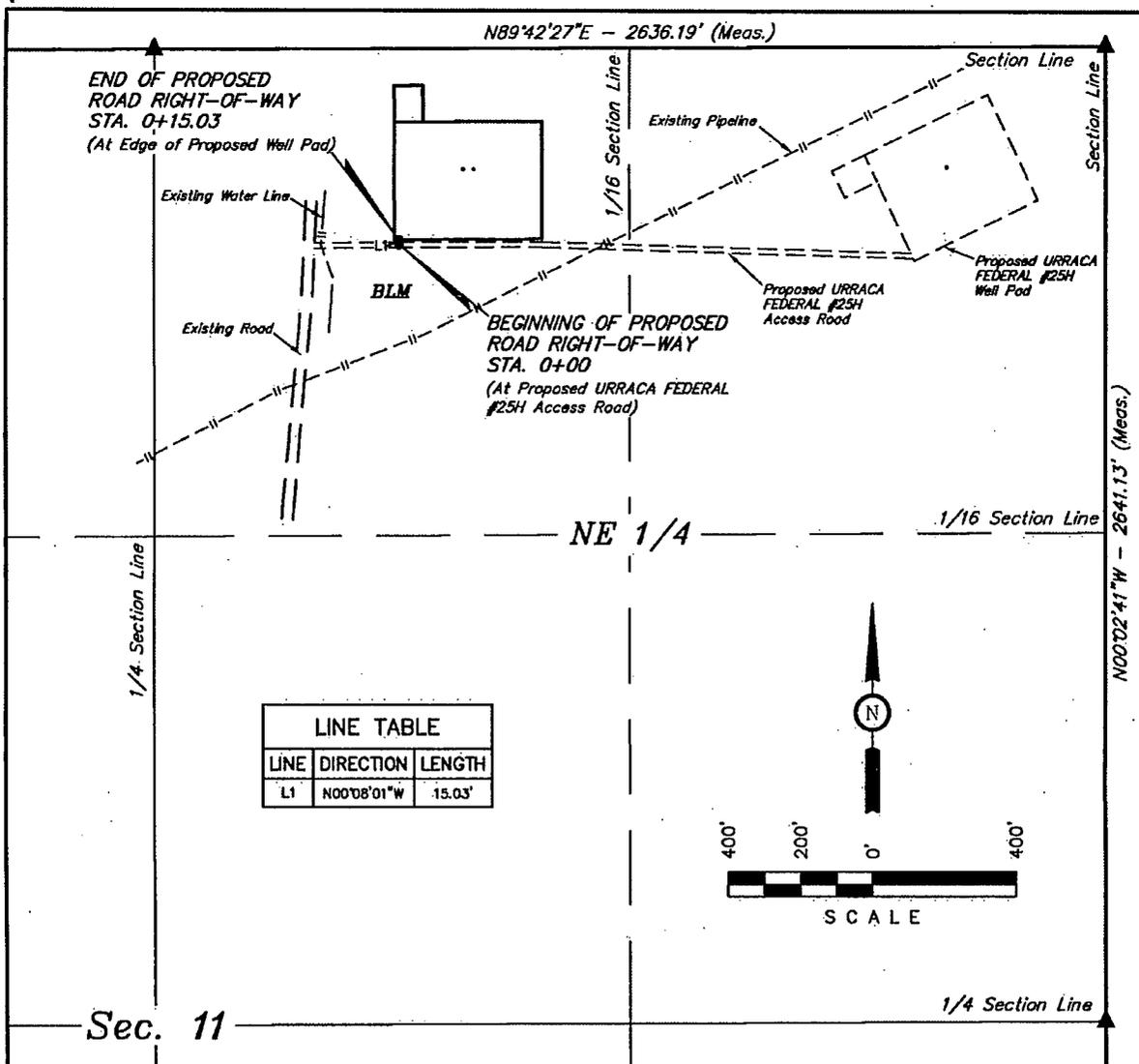
**CIMAREX** CIMAREX ENERGY CO.

URRACA FEDERAL COM #23H & #24H  
SECTION 11, T23S, R32E, N.M.P.M.  
NW 1/4 NE1/4

**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 NE 1/4 OF SECTION 11, T23S, R32E, N.M.P.M., WHICH BEARS S52°02'33"E 864.17' FROM THE NORTH 1/4 CORNER OF SAID SECTION 11, THENCE N00°08'01"W 15.03' TO A POINT IN THE NW 1/4 NE 1/4 OF SAID SECTION 11, WHICH BEARS S52°50'06"E 854.98' FROM THE NORTH 1/4 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 S52°02'33"E 864.17' FROM THE NORTH 1/4 CORNER OF SECTION 11, T23S, R32E, N.M.P.M.

END OF ROAD STA. 0+15.03 BEARS S52°50'06"E 854.98' FROM THE NORTH 1/4 CORNER OF SECTION 11, T23S, R32E, N.M.P.M.

RIGHT-OF-WAY LENGTHS			
DESCRIPTION	FEET	ACRES	RODS
BLM	15.03	0.010	0.91

▲ = SECTION CORNERS LOCATED.

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 Marshall  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 12446  
 STATE OF NEW MEXICO 01-03-14

NOTES:  
 • The maximum grade of existing ground for the proposed access road is ±1.0%.

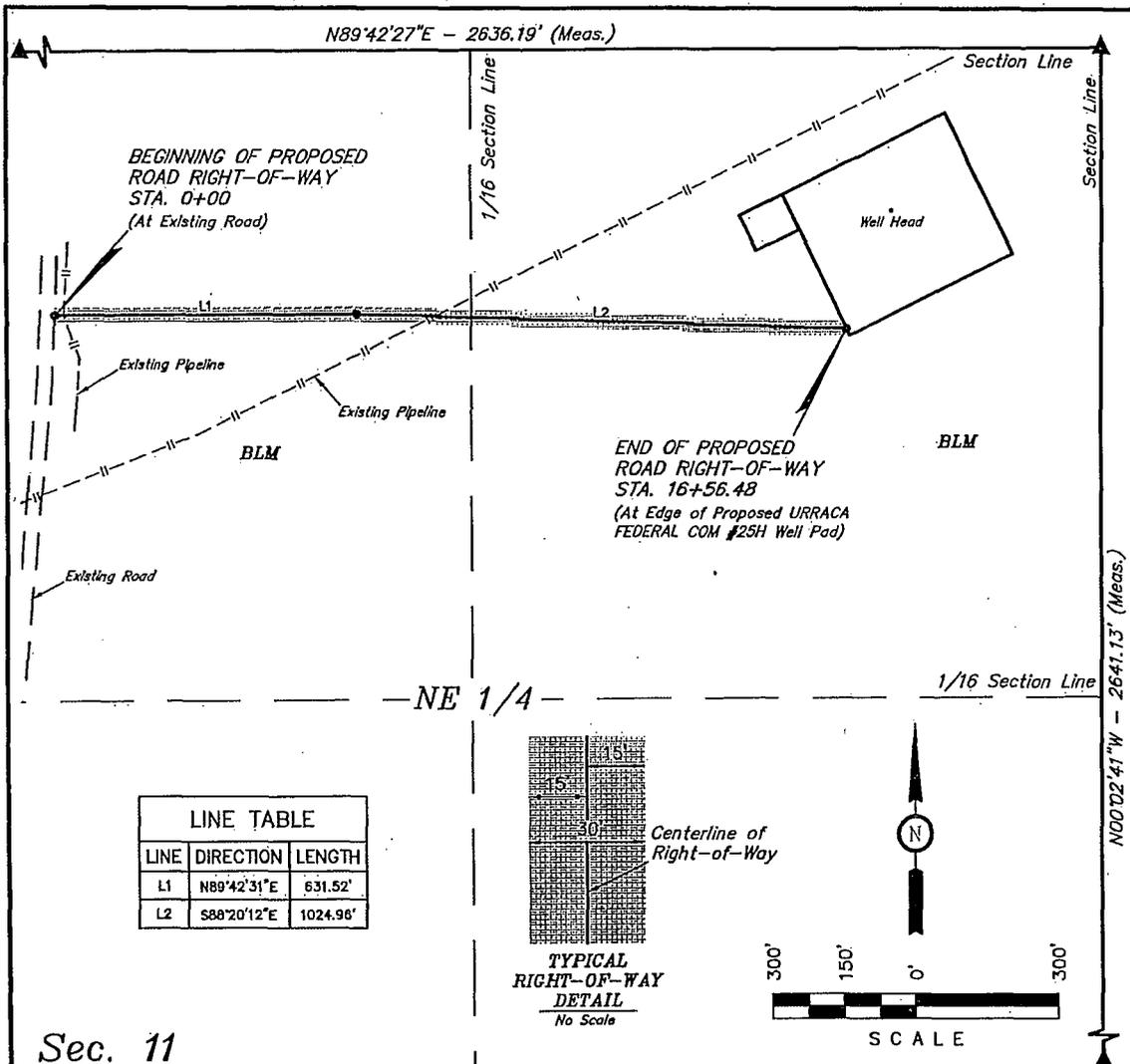
**CIMAREX ENERGY CO.**  
 URRACA FEDERAL COM #23H & #24H  
 SECTION 11, T23S, R32E, N.M.P.M.  
 NW 1/4 NE 1/4

DRAWN BY: B.D.H.      SCALE: 1" = 400'  
 DATE: 12-23-13      REVISED:

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

**UINTAH**  
 ENGINEERING & LAND SURVEYING

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



Sec. 11

**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 NE 1/4 OF SECTION 11, T23S, R32E, N.M.P.M., WHICH BEARS S39°55'54"E 694.74' FROM THE NORTH 1/4 CORNER OF SAID SECTION 11, THENCE N89°42'31"E 631.52'; THENCE S88°20'12"E 1024.96' TO A POINT IN THE NE 1/4 NE 1/4 OF SAID SECTION 11, WHICH BEARS S43°00'18"W 783.18' FROM THE NORTHEAST 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 1.141 ACRES MORE OR LESS.

BEGINNING OF ROAD STA. 0+00 BEARS S39°55'54"E 694.74' FROM THE NORTH 1/4 CORNER OF SECTION 11, T23S, R32E, N.M.P.M.

END OF ROAD STA. 16+56.48 BEARS S43°00'18"W 783.18' FROM THE NORTHEAST CORNER OF SECTION 11, T23S, R32E, N.M.P.M.

RIGHT-OF-WAY LENGTHS			
DESCRIPTION	FEET	ACRES	RODS
BLM	1656.48	1.141	100.39

▲ = SECTION CORNERS LOCATED.

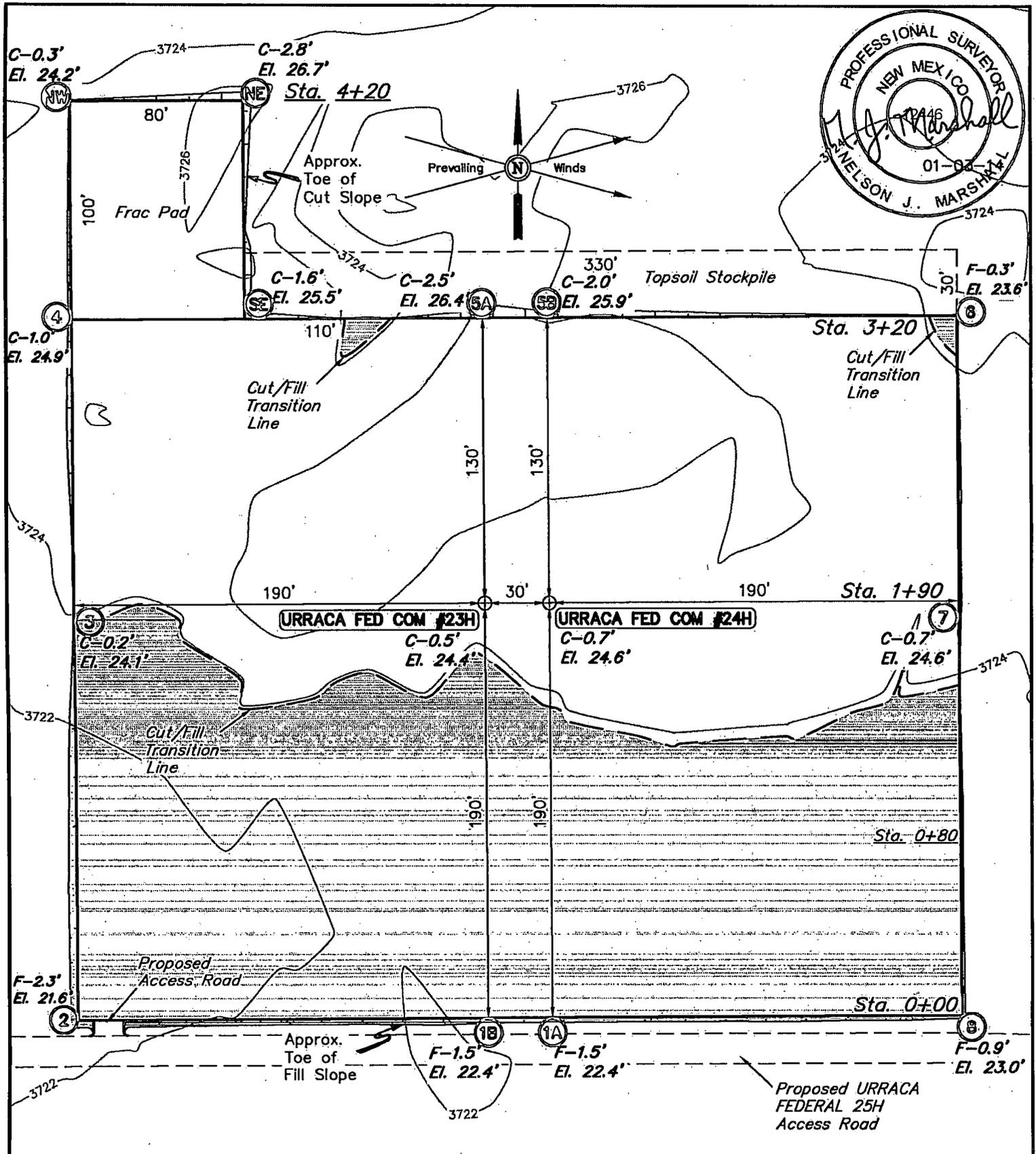
CERTIFICATE OF PROFESSIONAL SURVEY

THIS IS TO CERTIFY THAT THE ABOVE PLAN 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. 12446  
 STATE OF NEW MEXICO  
 01-02-14

NOTES:  
 • The maximum grade of existing ground for the proposed access road is ±1.0%.

	<b>CIMAREX ENERGY CO.</b>
URRACA FEDERAL COM #25H SECTION 11, T23S, R32E, N.M.P.M. 330' FNL 440' FEL	
DRAWN BY: B.D.H.	SCALE: 1" = 300'
DATE: 12-19-13	REVISED:
<b>ACCESS ROAD R-O-W</b>	
<b>EXHIBIT C-2</b>	



ELEV. UNGRADED GROUND AT #23 LOC. STAKE = 3724.4' FINISHED GRADE ELEV. AT #23 LOC. STAKE = 3723.9'

- 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.

<b>CIMAREX</b>	<b>CIMAREX ENERGY CO.</b>
URRACA FEDERAL COM #23H & #24H SECTION 11, T23S, R32E, N.M.P.M. NW 1/4 NE 1/4	

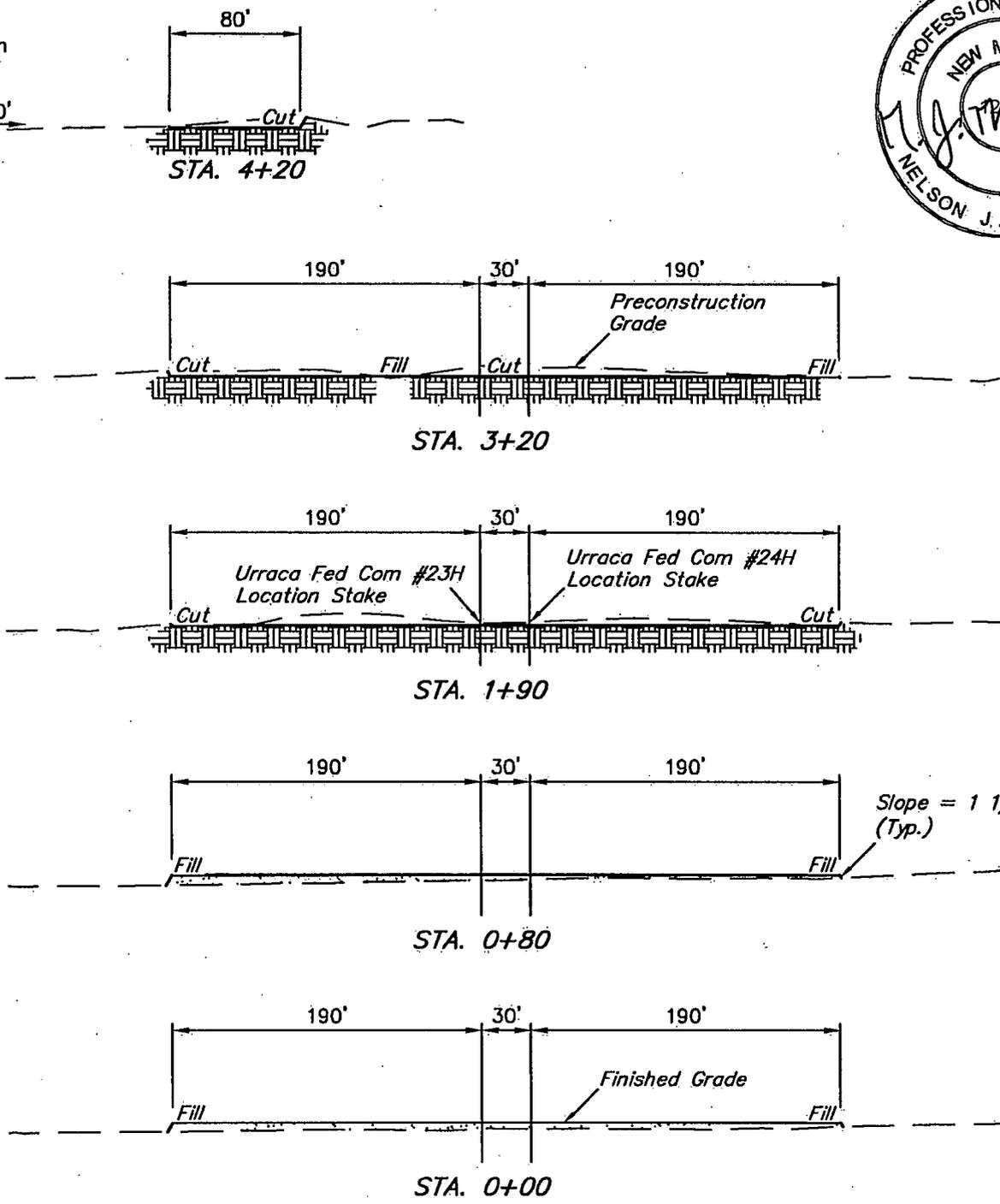
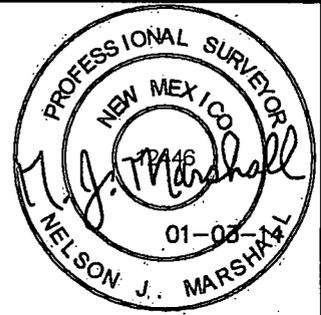
**UINTAH**  
ENGINEERING & LAND SURVEYING

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

DRAWN BY: B.D.H.      SCALE: 1" = 60'  
DATE: 12-23-13      REVISED:

**LOCATION LAYOUT**      **EXHIBIT D**

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



APPROXIMATE EARTHWORK QUANTITIES		APPROXIMATE SURFACE DISTURBANCE AREAS		
(3") TOPSOIL STRIPPING	1,320 Cu. Yds.		DISTANCE	ACRES
REMAINING LOCATION	3,730 Cu. Yds.		WELL SITE DISTURBANCE	NA ±3.480
<b>TOTAL CUT</b>	<b>5,050 Cu. Yds.</b>		ACCESS ROAD DISTURBANCE	±15.03' ±0.010
FILL	3,730 Cu. Yds.		PIPELINE DISTURBANCE	±35.08' ±0.008
EXCESS MATERIAL	1,320 Cu. Yds.			
TOPSOIL	1,320 Cu. Yds.		<b>TOTAL DISTURBANCE</b>	<b>±50.11' ±3.498</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** **CIMAREX ENERGY CO.**

URRACA FEDERAL COM #23H & #24H  
 SECTION 11, T23S, R32E, N.M.P.M.  
 NW 1/4 NE 1/4

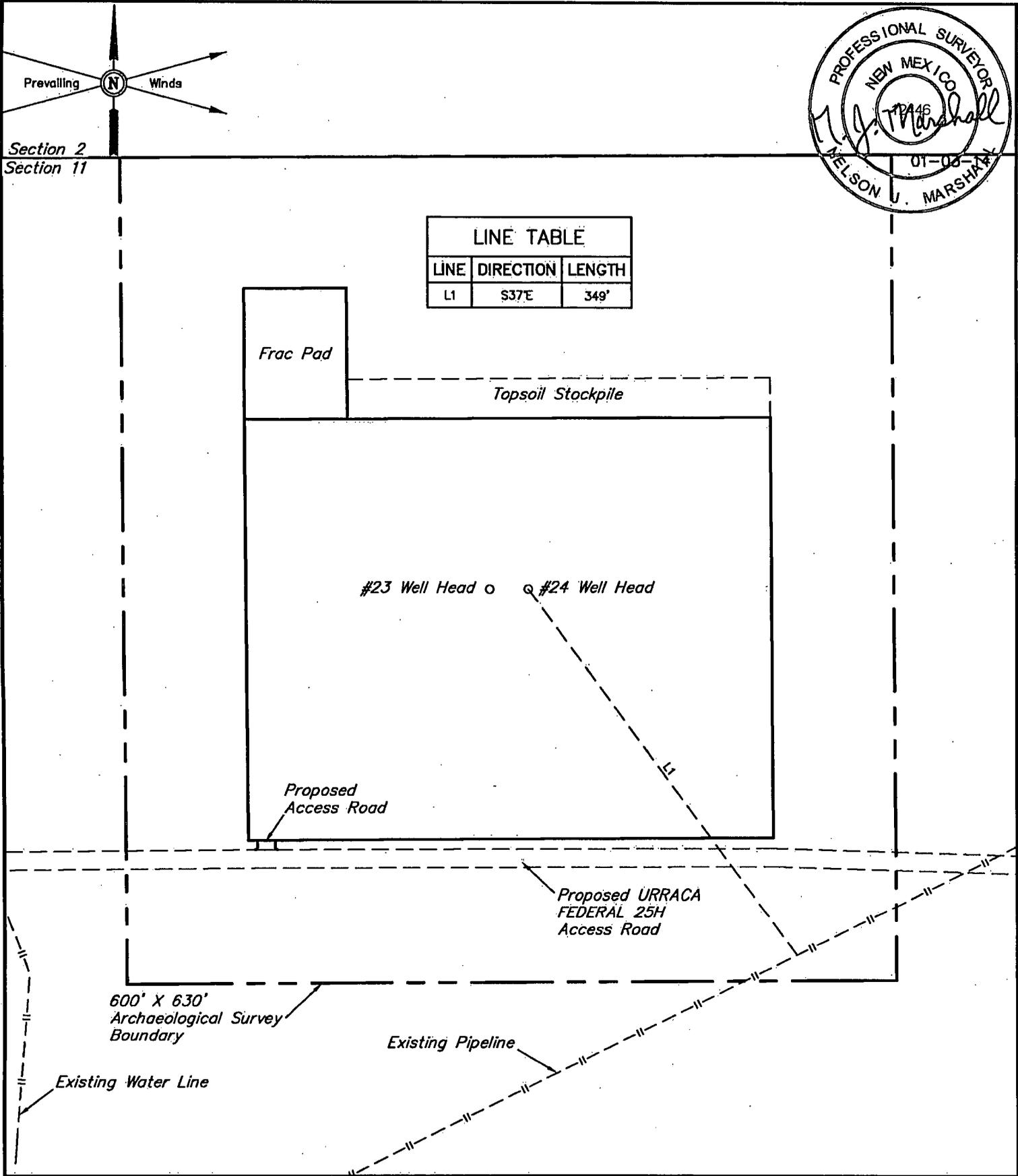
**UINTAH**  
 ENGINEERING & LAND SURVEYING

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

DRAWN BY: B.D.H.      SCALE: AS SHOWN

DATE: 12-23-13      REVISED:

**TYPICAL CROSS SECTIONS**      **EXHIBIT D**



NOTES:

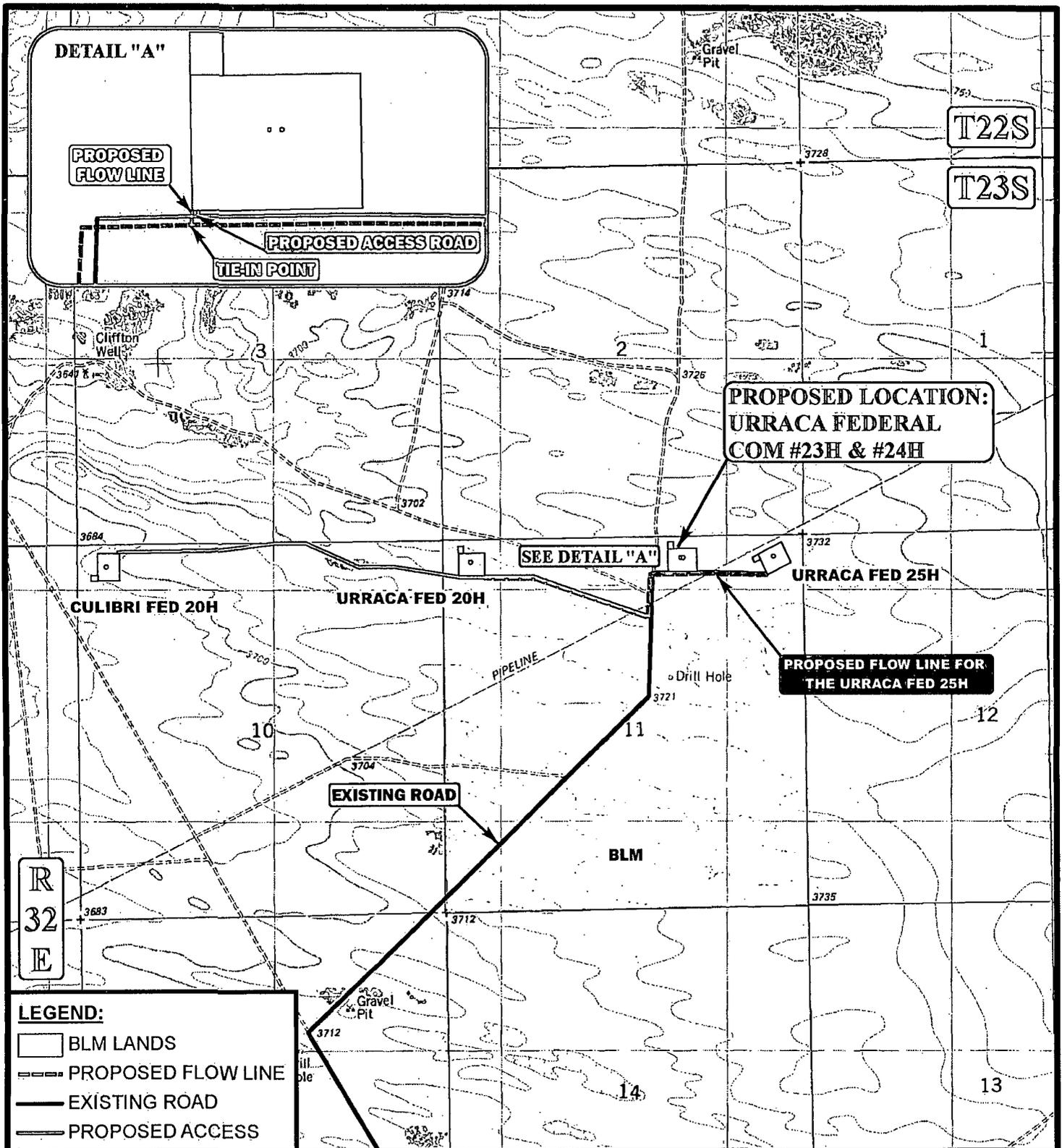
**CIMAREX** | **CIMAREX ENERGY CO.**

URRACA FEDERAL COM #23H & #24H  
SECTION 11, T23S, R32E, N.M.P.M.  
NW 1/4 NE 1/4

**UINTAH**  
ENGINEERING & LAND SURVEYING

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

DRAWN BY: B.D.H.	SCALE: 1" = 100'	
DATE: 12-23-13	REVISED:	
<b>ARCHAEOLOGICAL SURVEY BOUNDARY</b>		<b>EXHIBIT D</b>



**APPROXIMATE TOTAL FLOW 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 UINTAH ENGINEERING & LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

SCALE: 1" = 2000'	REVISED: 00-00-00
DRAWN BY: L.S.	
DATE DRAWN: 12-18-13	

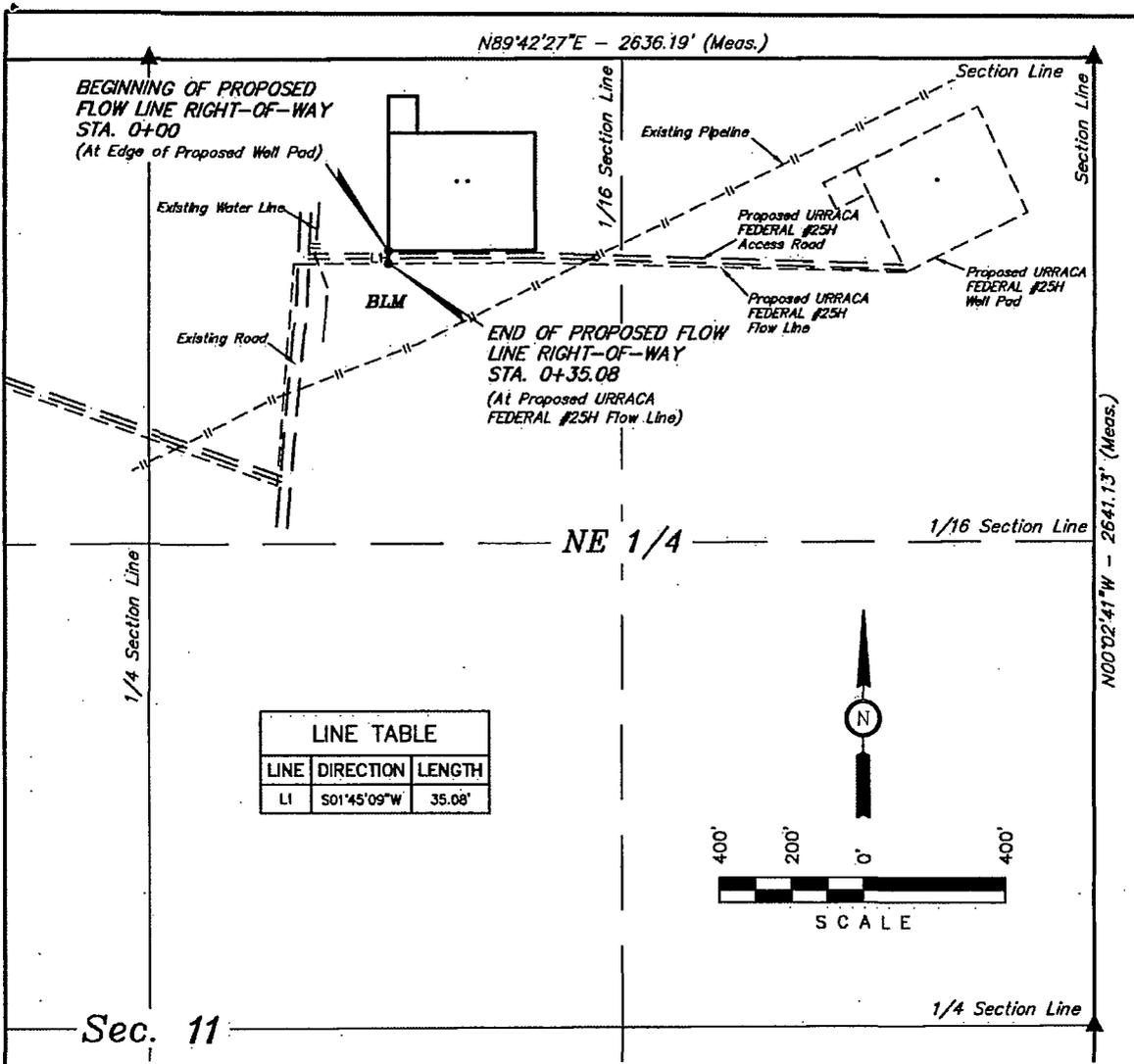


URRACA FEDERAL COM #23H & #24H  
SECTION 11, T23S, R32E, N.M.P.M.  
NW 1/4 NE1/4

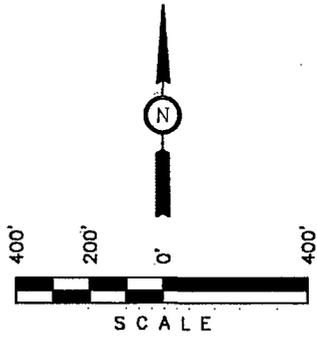
**FLOW LINE MAP** **EXHIBIT C**



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



LINE TABLE		
LINE	DIRECTION	LENGTH
LI	S01°45'09"W	35.08'



**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 NW 1/4 NE 1/4 OF SECTION 11, T23S, R32E, N.M.P.M., WHICH BEARS S52°15'27"E 843.96' FROM THE NORTH 1/4 CORNER OF SAID SECTION 11, THENCE S01°45'09"W 35.08' TO A POINT IN THE NW 1/4 NE 1/4 OF SAID SECTION 11, WHICH BEARS FROM THE NORTH 1/4 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 0.008 ACRES MORE OR LESS.

BEGINNING OF FLOW LINE STA. 0+00 BEARS S52°15'27"E 843.96' FROM THE NORTH 1/4 CORNER OF SECTION 11, T23S, R32E, N.M.P.M.  
 END OF FLOW LINE STA. 0+35.08 BEARS S50°22'38"E 865.04' FROM THE NORTH 1/4 CORNER OF SECTION 11, T23S, R32E, N.M.P.M.

RIGHT-OF-WAY LENGTHS			
DESCRIPTION	FEET	ACRES	RODS
BLM	35.08	0.008	2.13

▲ = SECTION CORNERS LOCATED.

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  
 01-03-14

NOTES:

**CIMAREX** CIMAREX ENERGY CO.

URRACA FEDERAL COM #23H & #24H  
 SECTION 11, T23S, R32E, N.M.P.M.  
 NW 1/4 NE 1/4

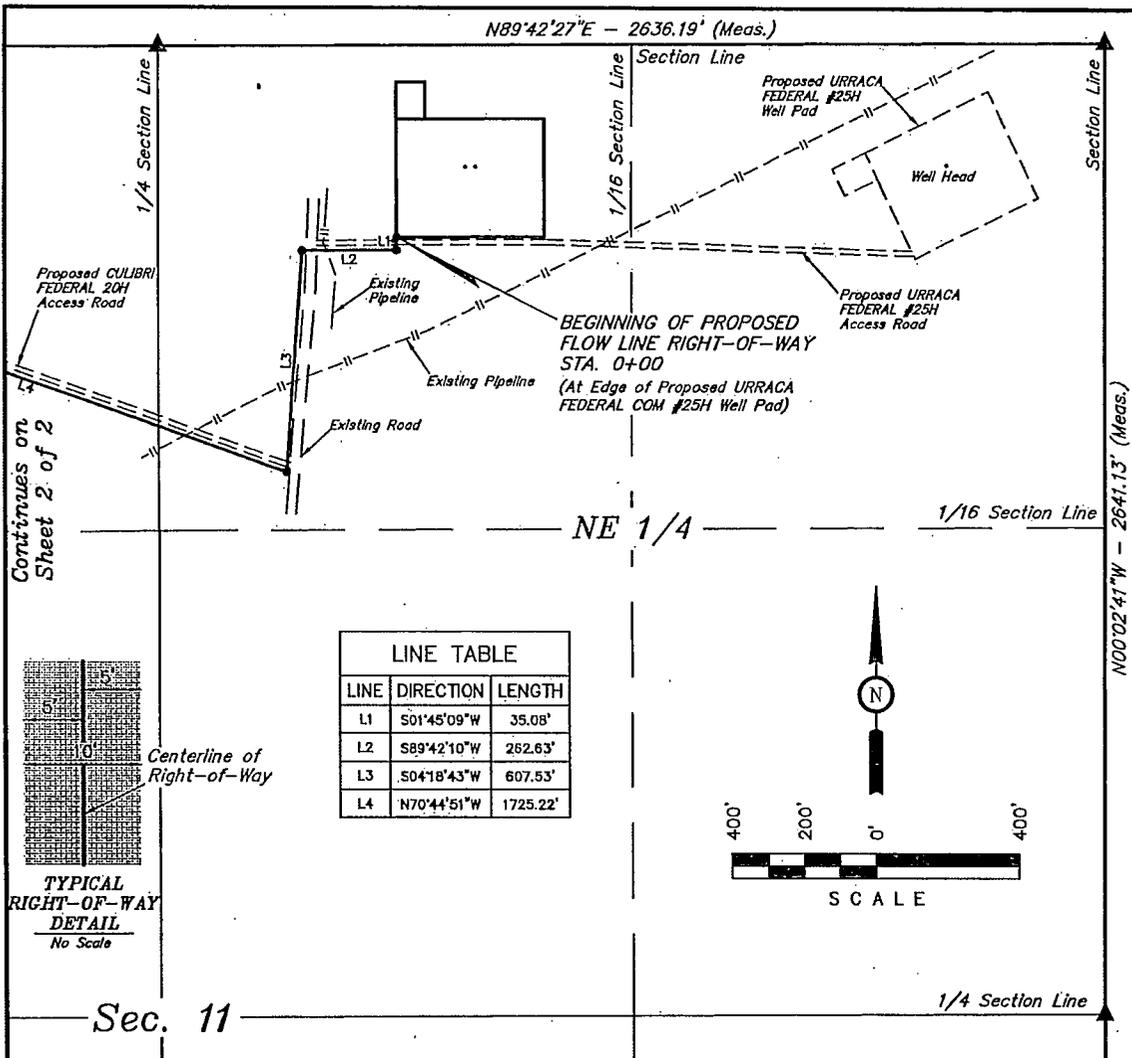
DRAWN BY: B.D.H. SCALE: 1" = 400'  
 DATE: 12-23-13 REVISED:



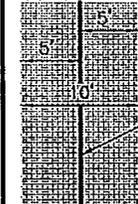
Corporate Office \* 86 South 200 East  
 Vernal, UT 84078 \* (435) 789-1017

**FLOW LINE R-O-W**

**EXHIBIT C-1**



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S01°45'09"W	35.08'
L2	S89°42'10"W	262.63'
L3	S04°18'43"W	607.53'
L4	N70°44'51"W	1725.22'



**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 NW 1/4 NE 1/4 OF SECTION 11, T23S, R32E, N.M.P.M., WHICH BEARS S52°15'27"E 843.96' FROM THE NORTHEAST CORNER OF SAID SECTION 11, THENCE S01°45'09"W 35.08'; THENCE S89°42'10"W 262.63'; THENCE S04°18'43"W 607.53'; THENCE N70°44'51"W 1725.22'; THENCE N88°41'16"W 736.30'; THENCE N00°04'08"W 34.98' TO A POINT IN THE NW 1/4 NW 1/4 OF SAID SECTION 11, WHICH BEARS S50°43'55"E 815.87' 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 0.781 ACRES MORE OR LESS.

BEGINNING OF FLOW LINE STA. 0+00 BEARS S52°15'27"E 843.96' FROM THE NORTH 1/4 CORNER OF SECTION 11, T23S, R32E, N.M.P.M.

RIGHT-OF-WAY LENGTHS			
DESCRIPTION	FEET	ACRES	RODS
NE 1/4 SEC. 11	1283.45	0.295	77.78
NW 1/4 SEC. 11	2118.28	0.486	128.38
TOTAL	3401.73	0.781	206.17

▲ = SECTION CORNERS LOCATED.

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 04-23-14

Sheet 1 of 2

NOTES:



**CIMAREX ENERGY CO.**

URRACA FEDERAL COM #23H & #24H  
 SECTION 11, T23S, R32E, N.M.P.M.  
 NW 1/4 NE 1/4

DRAWN BY: B.D.H. SCALE: 1" = 400'  
 DATE: 12-19-13 REVISED: 04-21-14



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

**FLOWLINE R-O-W**

**EXHIBIT G-1**

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 1.6 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE URRACA FEDERAL 25H TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 234' 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, N.M.P.M. HIGHWAY/ HWY 128 TO THE PROPOSED LOCATION IS APPROXIMATELY 8.9 MILES.

DRAWN BY: L.S.	REVISED: 00-00-00
DATE DRAWN: 12-18-13	

	<b>CIMAREX ENERGY CO.</b>
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URRACA FEDERAL COM #23H & #24H  
SECTION 11, T23S, R32E, N.M.P.M.  
NW 1/4 NE1/4

<b>ROAD DESCRIPTION</b>	<b>EXHIBIT J</b>
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Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017