

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

State of New Mexico
Energy, Minerals & Natural Resources Department

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

JUL 14 2014

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

AMENDED REPORT

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30025-41988		2 Pool Code 17644		3 Pool Name DIAMONDTAIL, BS	
4 Property Code 713960		5 Property Name URRACA FEDERAL			6 Well Number #20H
7 OGRID No. 215099		8 Operator Name CIMAREX ENERGY CO.			9 Elevation 3713'

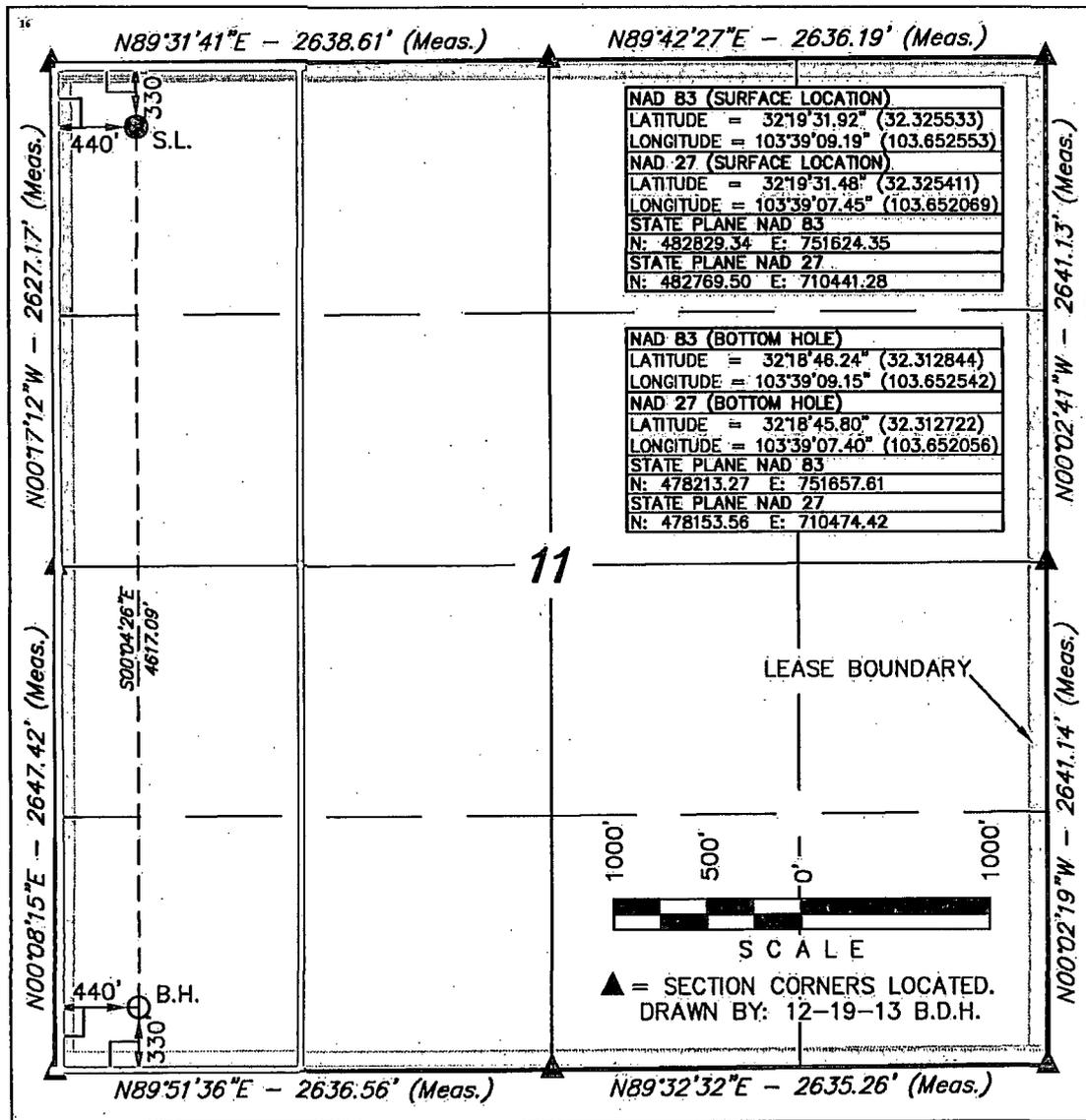
10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	11	23 S	32 E		330	NORTH	440	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	11	23 S	32 E		330	SOUTH	440	WEST	LEA
12 Dedicated Acres 160		13 Joint or Infill		14 Consolidation Code		15 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.



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.

Aricka Easterling -17-14
Signature Date

Aricka Easterling

Printed Name

aeasterling@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 15, 2013

Date of Survey

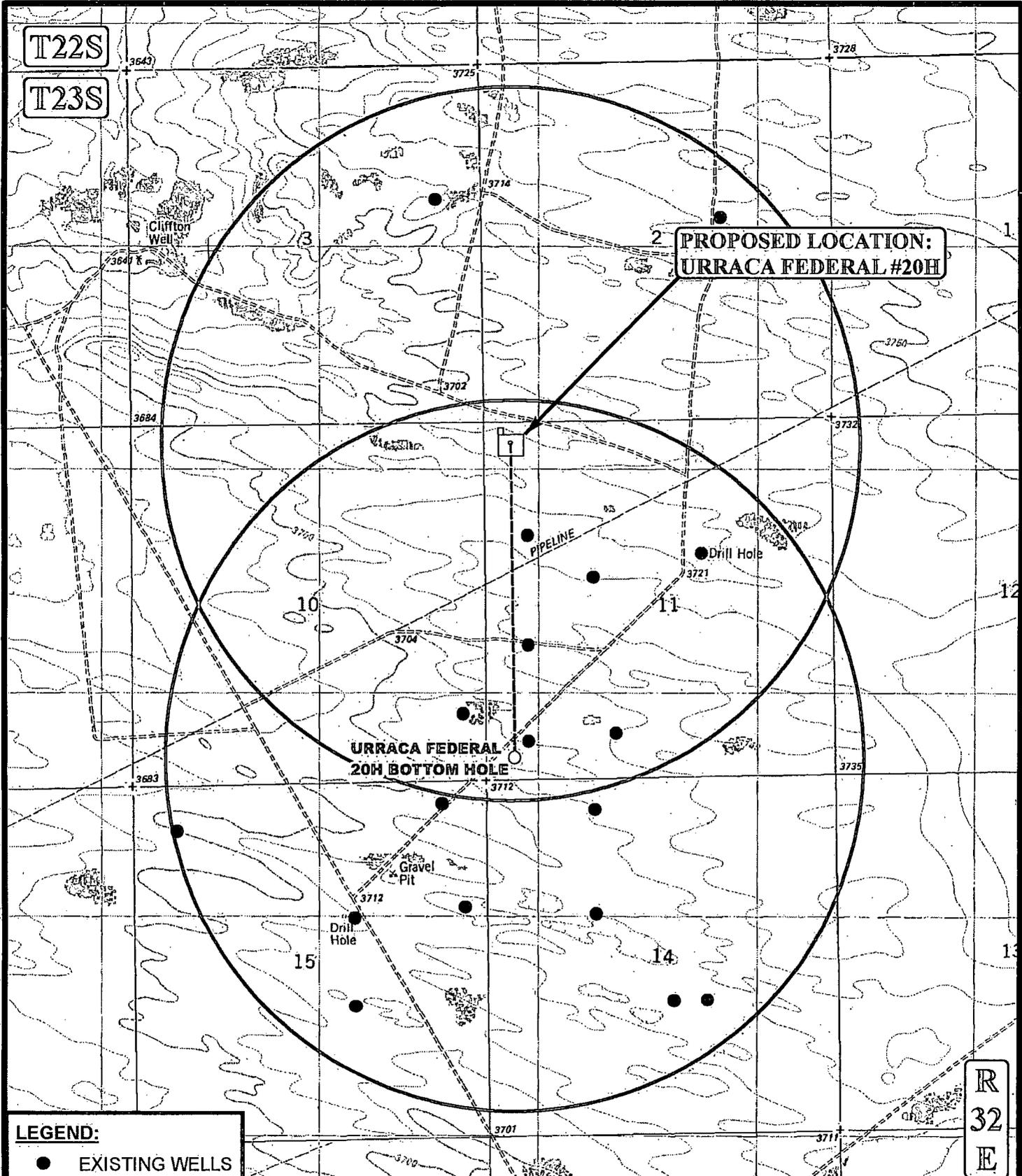
Signature and Seal of Professional Surveyor:



Certificate Number:

JUL 15 2014

AM



LEGEND:
 ● EXISTING WELLS

SCALE: 1" = 2000'	REVISED: 00-00-00
DRAWN BY: L.S.	
DATE DRAWN: 12-09-13	



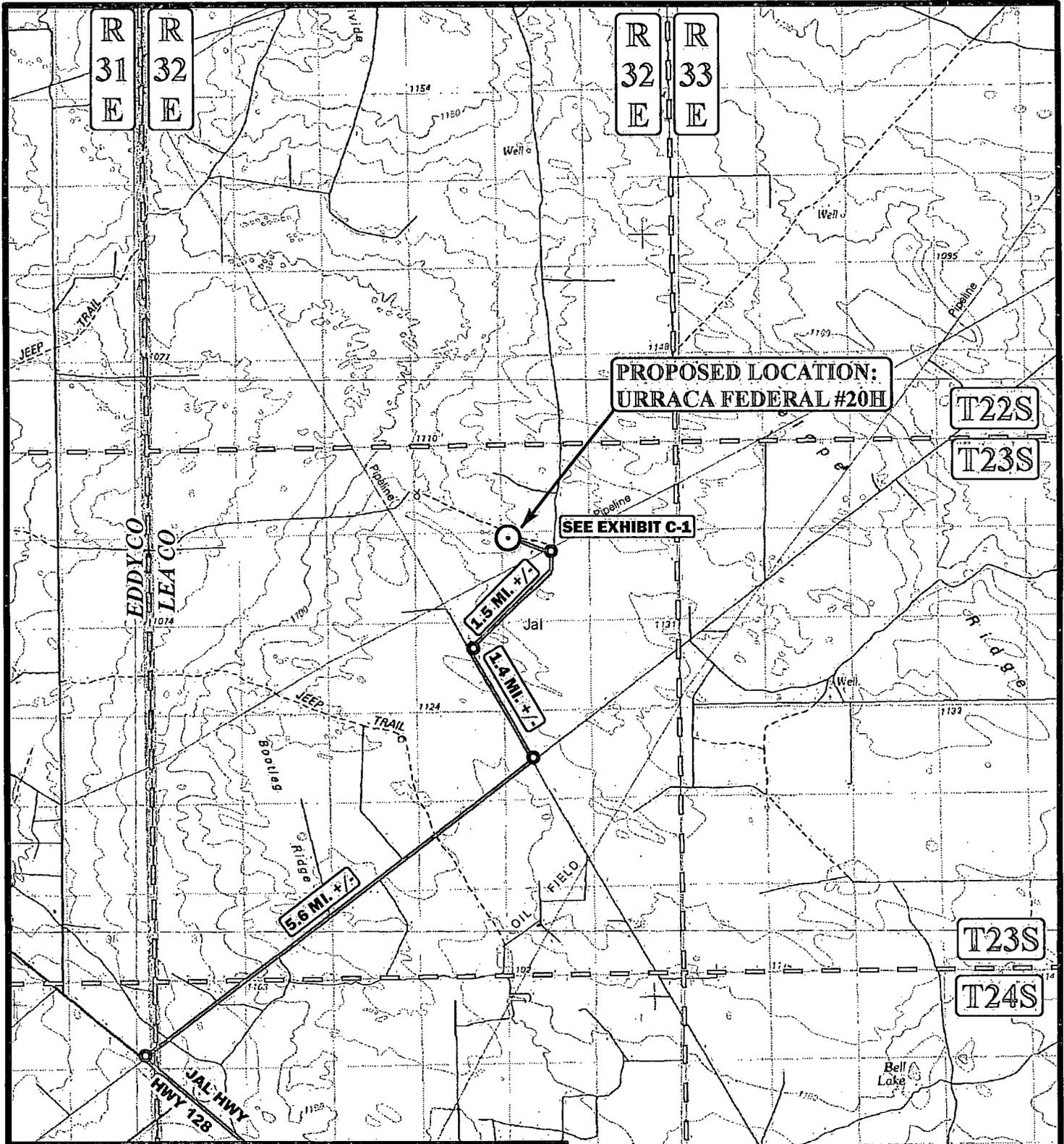
CIMAREX CIMAREX ENERGY CO.

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



**PROPOSED LOCATION:
URRACA FEDERAL #20H**

SEE EXHIBIT C-1

1.5 MI. +/-

1.4 MI. +/-

5.6 MI. +/-

**JAL HWY
HWY 128**

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



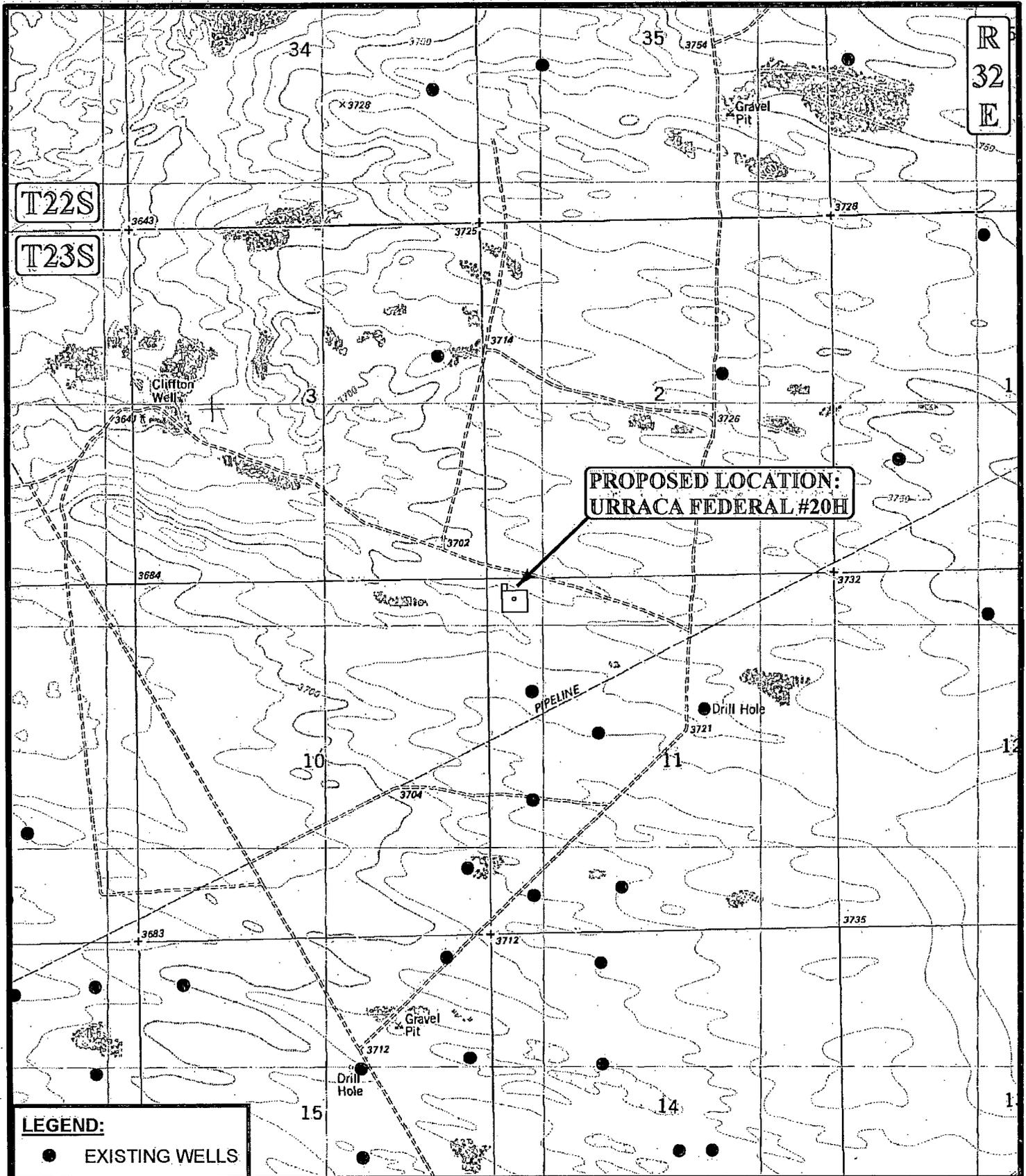
CIMAREX **CIMAREX ENERGY CO.**

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



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

PUBLIC ACCESS ROAD MAP EXHIBIT B



R
32
E

T22S

T23S

**PROPOSED LOCATION:
URRACA FEDERAL #20H**

LEGEND:
● EXISTING WELLS

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



CIMAREX ENERGY CO.

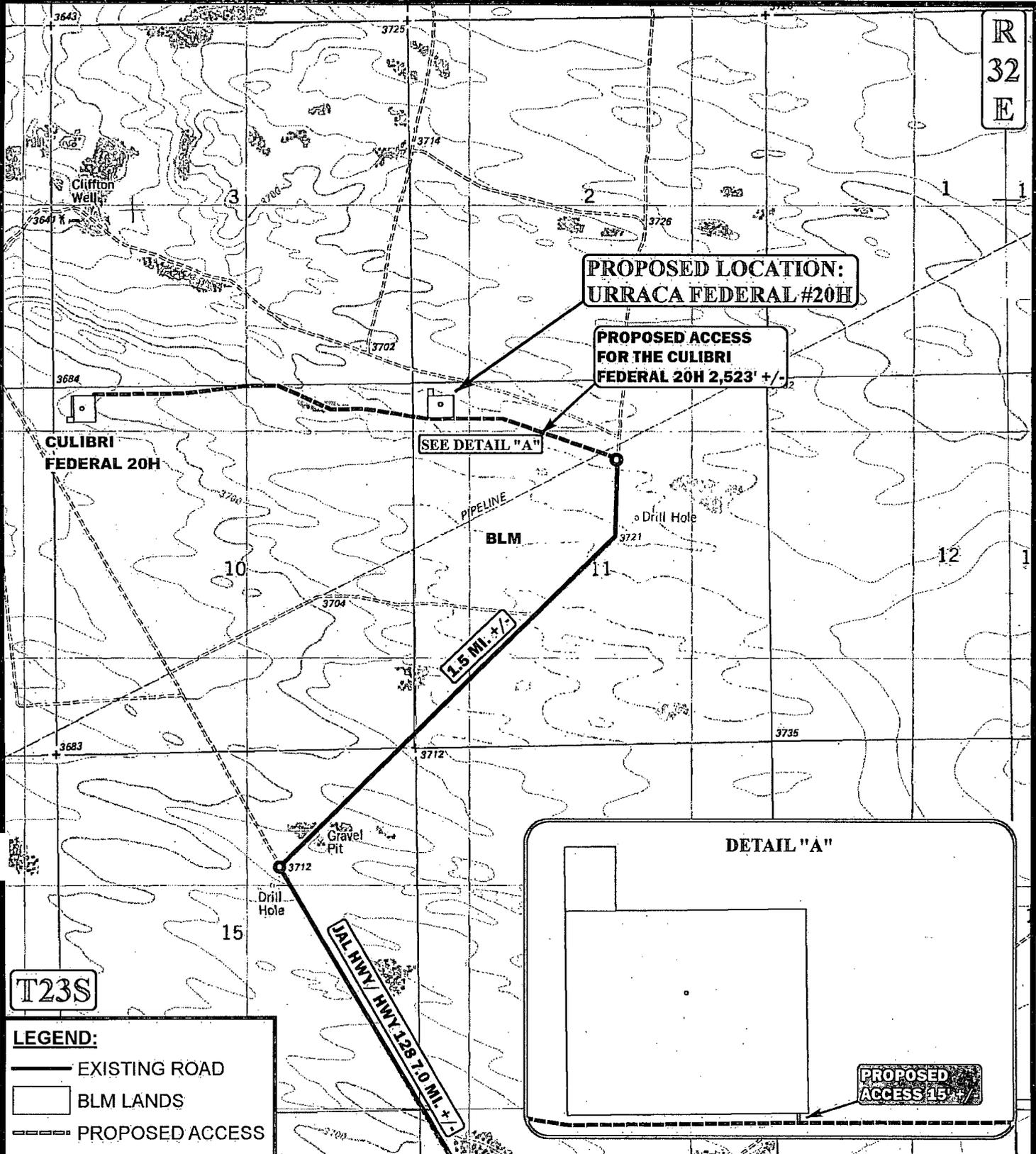
URRACA FEDERAL #20H
SECTION 11, T23S, R32E, N.M.P.M.
330' FNL 440' FWL



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

USGS TOPOGRAPHIC MAP EXHIBIT C

R
32
E



**PROPOSED LOCATION:
URRACA FEDERAL #20H**

**PROPOSED ACCESS
FOR THE CULIBRI
FEDERAL 20H 2,523' +/-**

SEE DETAIL "A"

1.5 MI. +/-

UAL HWY / HWY 128 7.0 MI. +/-

DETAIL "A"

PROPOSED
ACCESS 15 +/-

T23S

LEGEND:

- EXISTING ROAD
- BLM LANDS
- PROPOSED ACCESS

*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	

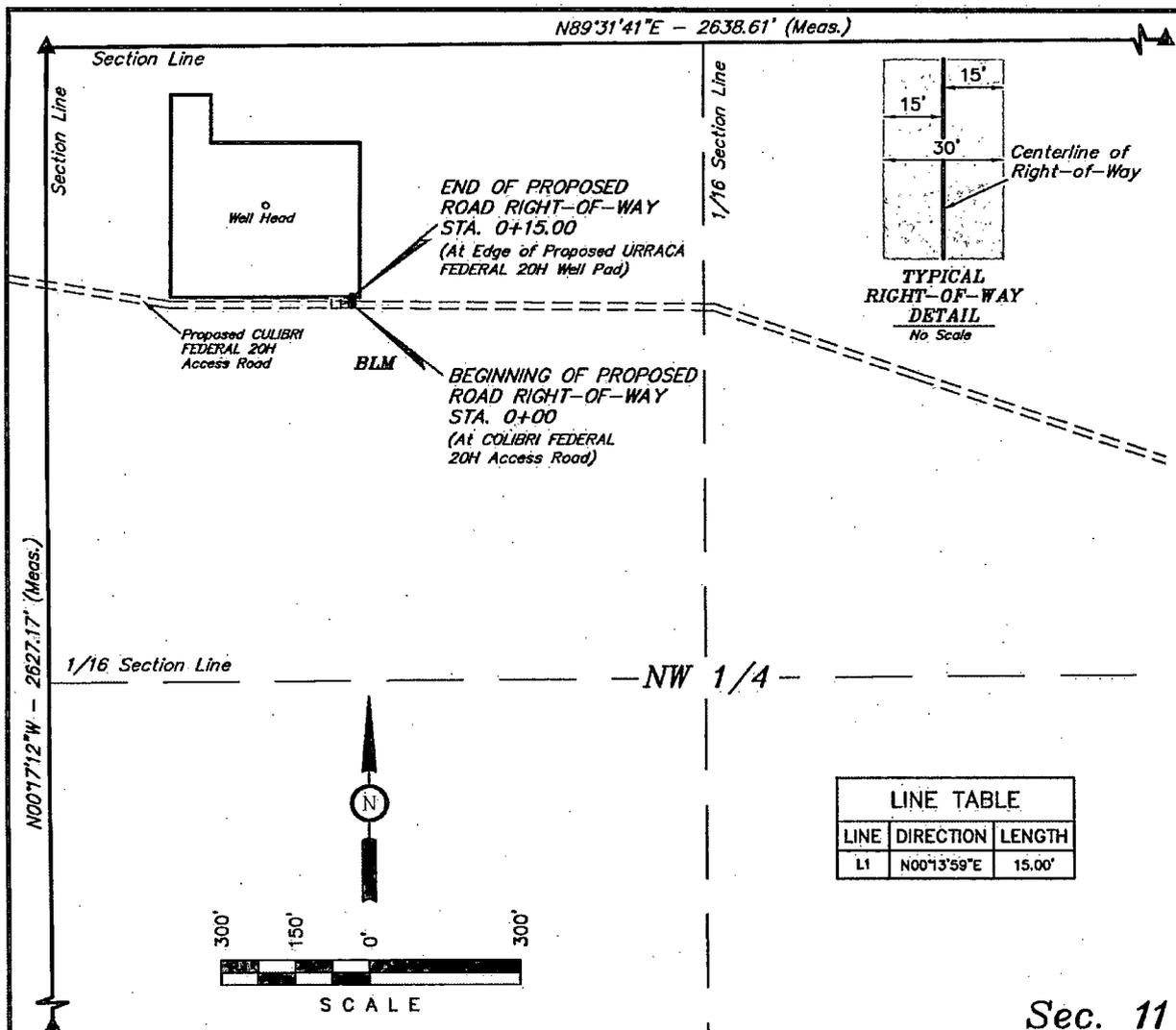


CIMAREX CIMAREX ENERGY CO.

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



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



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N00°13'59\"E	15.00'

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 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.

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
 12-23-13

NOTES:
 • The maximum grade of existing ground for the proposed access road is ±0.4%.

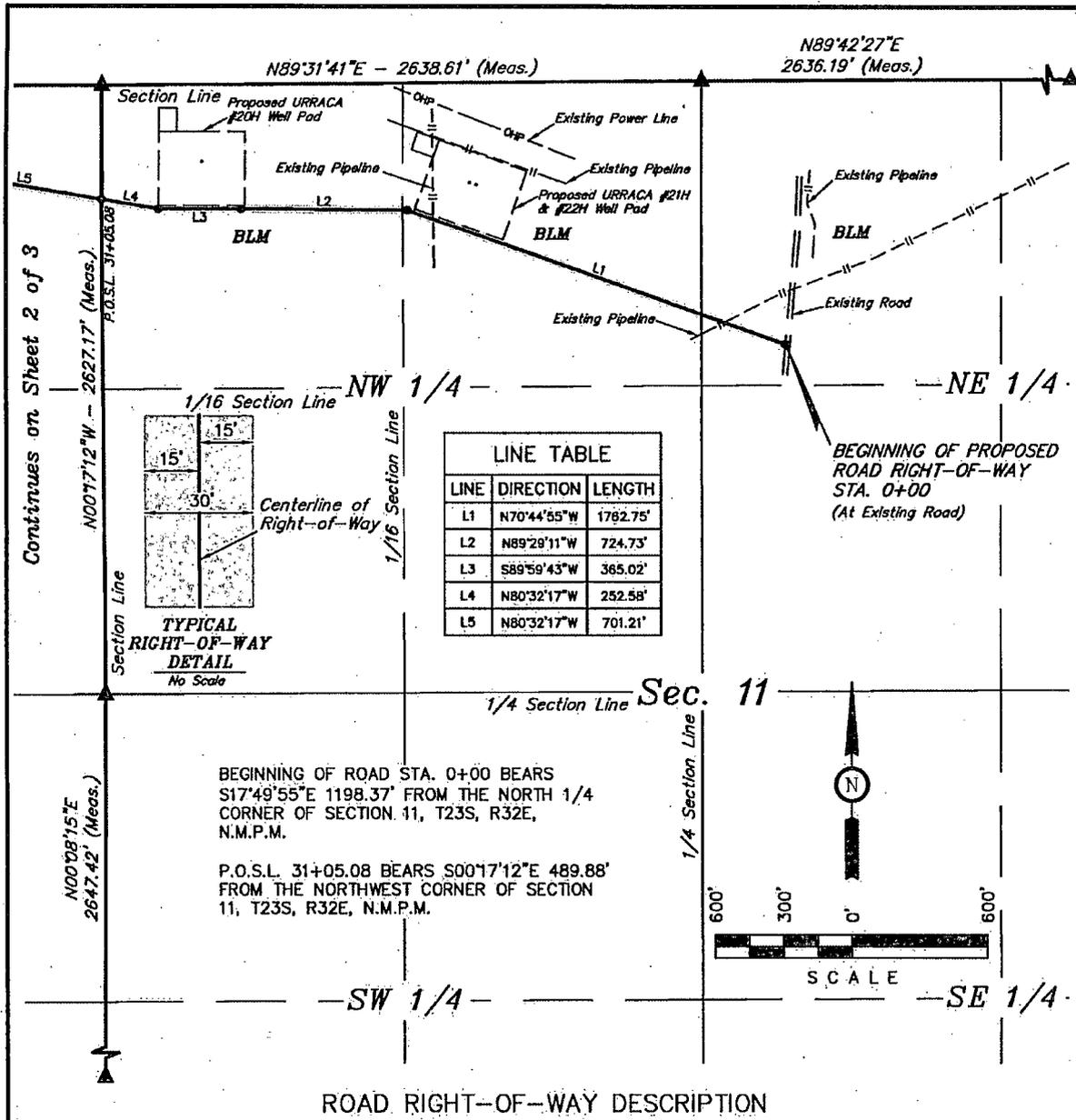
CIMAREX ENERGY CO.
 URRACA FEDERAL #20H
 SECTION 11, T23S, R32E, N.M.P.M.
 330' FNL 440' FWL

DRAWN BY: B.D.H. SCALE: 1" = 300'
 DATE: 12-19-13 REVISED:

ACCESS ROAD R-O-W EXHIBIT C-2

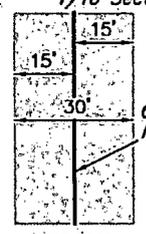


Corporate Office * 85 South 200 East
 Vernal, UT 84078 * (435) 789-1017



LINE TABLE

LINE	DIRECTION	LENGTH
L1	N70°44'55"W	1762.75'
L2	N89°29'11"W	724.73'
L3	S89°59'43"W	365.02'
L4	N80°32'17"W	252.58'
L5	N80°32'17"W	701.21'

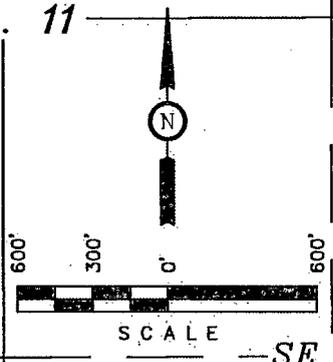


**TYPICAL
RIGHT-OF-WAY
DETAIL**
No Scale

1/4 Section Line **Sec. 11**

BEGINNING OF ROAD STA. 0+00 BEARS
S17°49'55"E 1198.37' FROM THE NORTH 1/4
CORNER OF SECTION 11, T23S, R32E,
N.M.P.M.

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



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 S17°49'55"E 1198.37' FROM THE NORTH 1/4 CORNER OF SAID SECTION 11, THENCE N70°44'55"W 1762.75'; THENCE N89°29'11"W 724.73'; THENCE S89°59'43"W 365.02'; THENCE N80°32'17"W 252.58' TO A POINT ON THE WEST LINE OF THE NW 1/4 NW 1/4 OF SAID SECTION 11, WHICH BEARS S00°17'12"E 489.88' FROM THE NORTHWEST CORNER OF SAID SECTION 11, THENCE N80°32'17"W 701.21'; THENCE N89°58'15"W 495.02'; THENCE N65°38'40"W 850.26'; THENCE S89°59'06"W 461.76'; THENCE S83°44'55"W 912.84'; THENCE N89°57'57"W 1340.03'; THENCE S00°13'19"W 14.82' TO A POINT IN THE NW 1/4 NW 1/4 OF SECTION 10, T23S, R32E, N.M.P.M, WHICH BEARS S86°05'16"W 2033.18' FROM THE NORTH 1/4 CORNER OF SAID SECTION 10. 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 5.427 ACRES MORE OR LESS.

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.)

CERTIFIED 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.

Robert J. Marshall

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

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

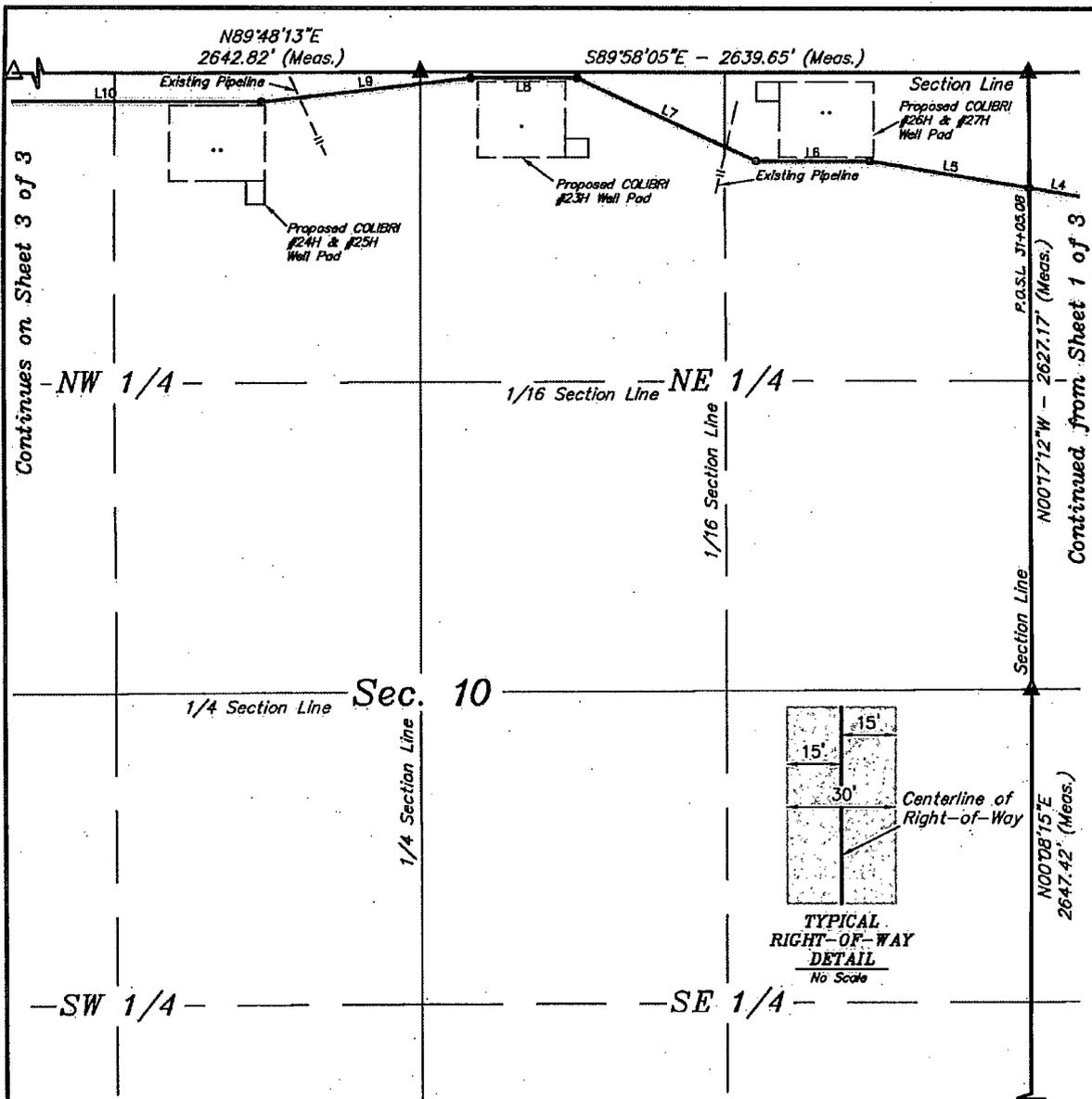
UINTAH
ENGINEERING & LAND SURVEYING

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

DRAWN BY: B.D.H. SCALE: 1" = 600'

DATE: 01-10-14 REVISED: 02-12-14

ACCESS ROAD R-O-W EXHIBIT 2



Continues on Sheet 3 of 3

Continued from Sheet 1 of 3

N89°48'13"E
2642.82' (Meas.)

S89°58'05"E - 2639.65' (Meas.)

NW 1/4

NE 1/4

SW 1/4

SE 1/4

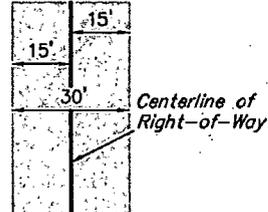
1/4 Section Line

Sec. 10

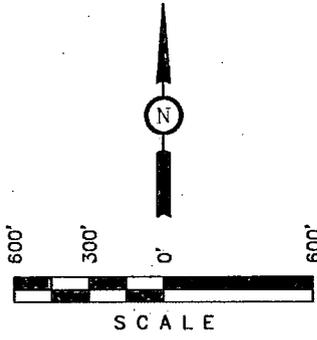
1/16 Section Line

Section Line

N00°08'15"E
2647.42' (Meas.)



TYPICAL
RIGHT-OF-WAY
DETAIL
No Scale



LINE TABLE		
LINE	DIRECTION	LENGTH
L5	N80°32'17"W	701.21'
L6	N89°58'15"W	495.02'
L7	N65°38'40"W	850.26'
L8	S89°59'08"W	481.76'
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.

PROFESSIONAL SURVEYOR
MEX
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 **CIMAREX ENERGY CO.**

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

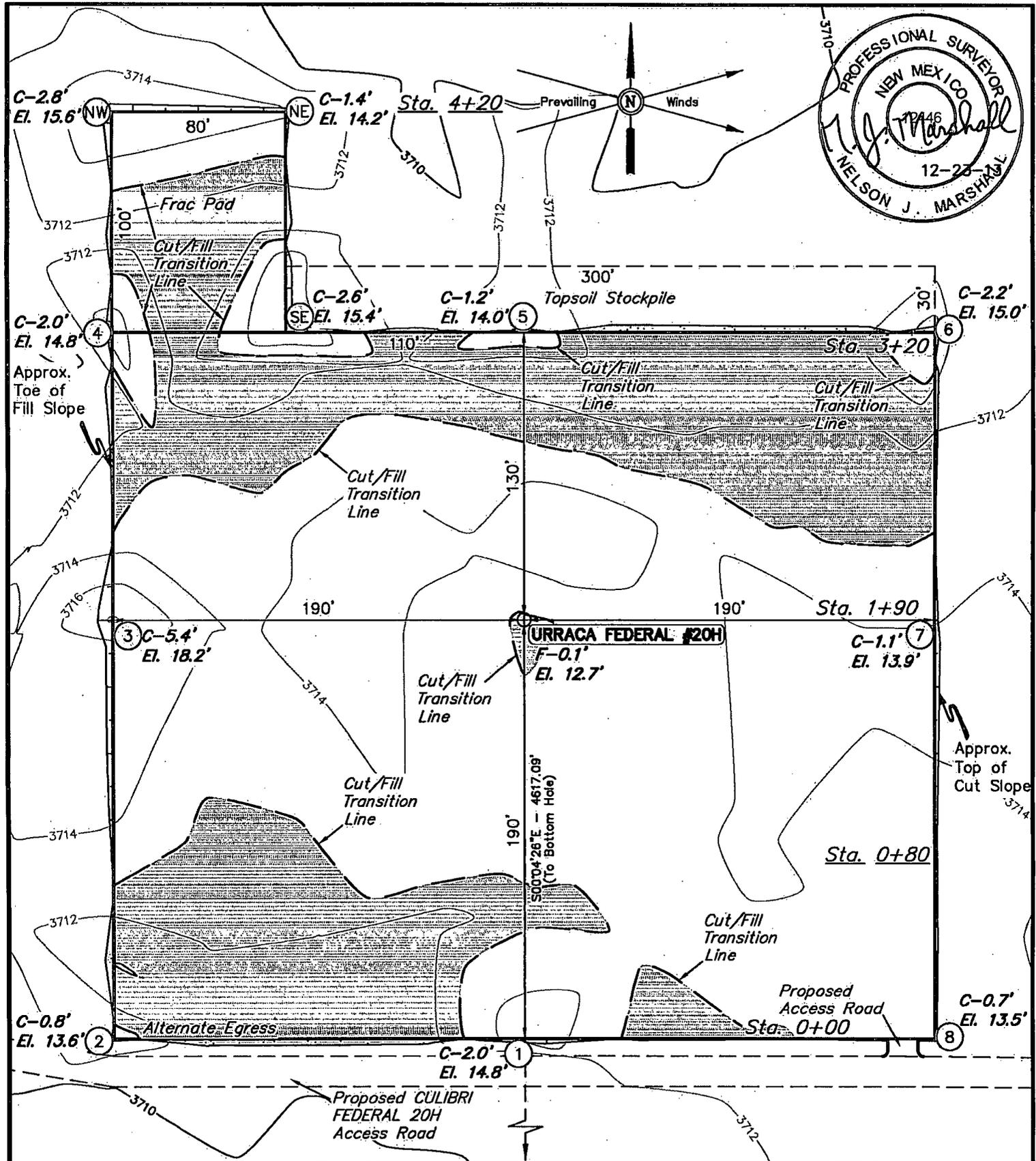
UINTAH
ENGINEERING & LAND SURVEYING

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

DRAWN BY: B.D.H. SCALE: 1" = 600'

DATE: 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:

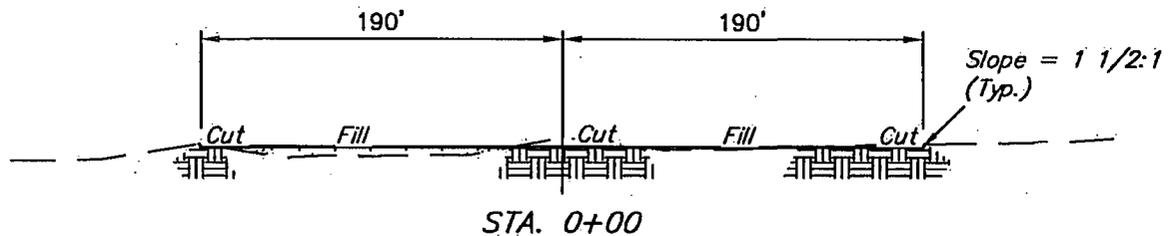
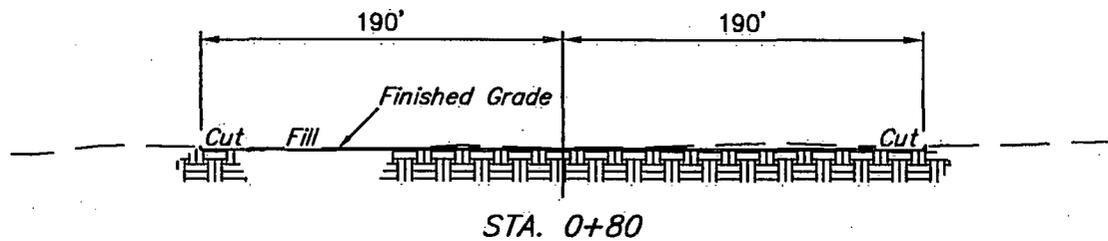
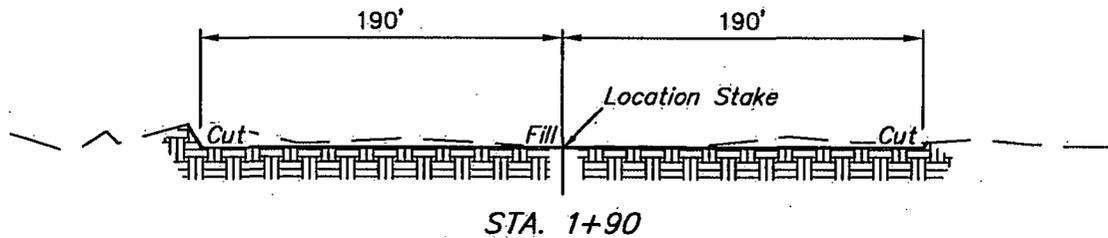
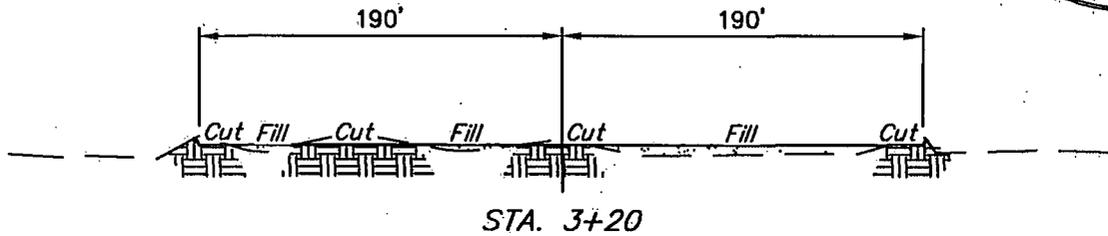
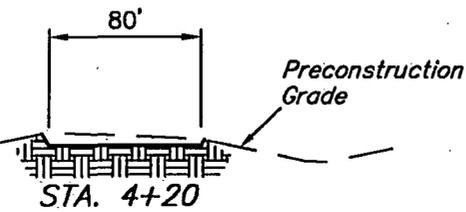
LOCATION LAYOUT

EXHIBIT D



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

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



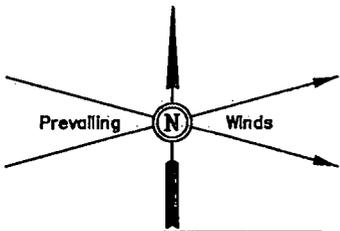
APPROXIMATE EARTHWORK QUANTITIES		APPROXIMATE SURFACE DISTURBANCE AREAS		
(3") TOPSOIL STRIPPING	1,230 Cu. Yds.		DISTANCE	ACRES
REMAINING LOCATION	2,010 Cu. Yds.	WELL SITE DISTURBANCE	NA	±3.230
TOTAL CUT	3,240 Cu. Yds.	ACCESS ROAD DISTURBANCE	±15.00'	±0.010
FILL	2,010 Cu. Yds.			
EXCESS MATERIAL	1,230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

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

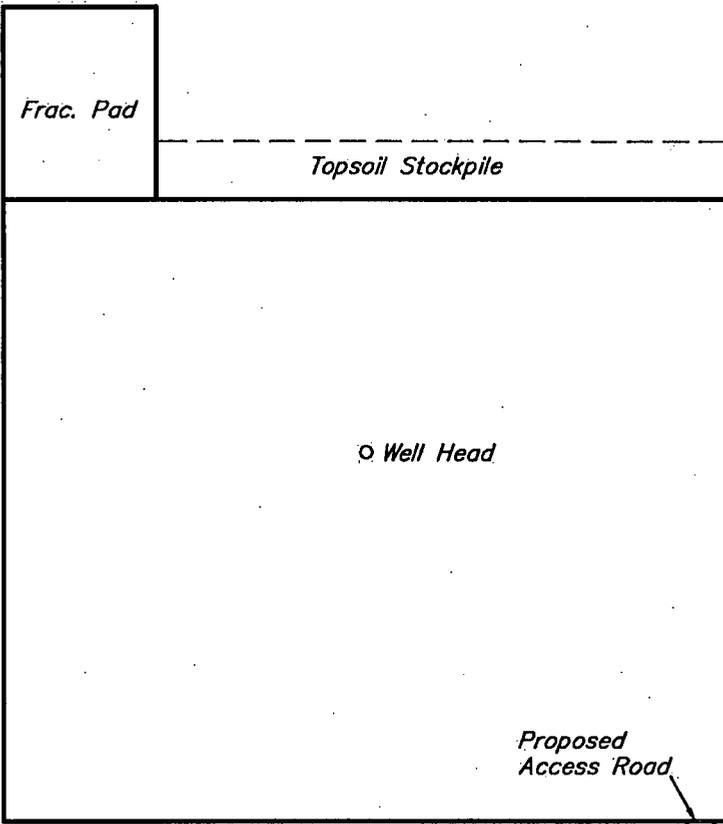
CIMAREX **CIMAREX ENERGY CO.**
 URRACA FEDERAL #20H
 SECTION 11, T23S, R32E, N.M.P.M.
 330' FNL 440' FWL

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: 12-19-13 REVISED:
TYPICAL CROSS SECTIONS **EXHIBIT D**



Section 2
Section 11



Proposed CULIBRI
FEDERAL 20H
Access Road

600' X 630'
Archaeological Survey
Boundary

NOTES:



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" = 100'

DATE: 12-19-13

REVISED:

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



ARCHAEOLOGICAL SURVEY
BOUNDARY

EXHIBIT D

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 CIMAREX ENERGY CO.

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



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

ROAD DESCRIPTION **EXHIBIT J**