

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

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- 42180	² Pool Code 17644	³ Pool Name DIAMONDTAIL Bone Spring
⁴ Property Code	⁵ Property Name COLIBRI FEDERAL	⁶ Well Number #20H
⁷ OGRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁹ Elevation 3694'

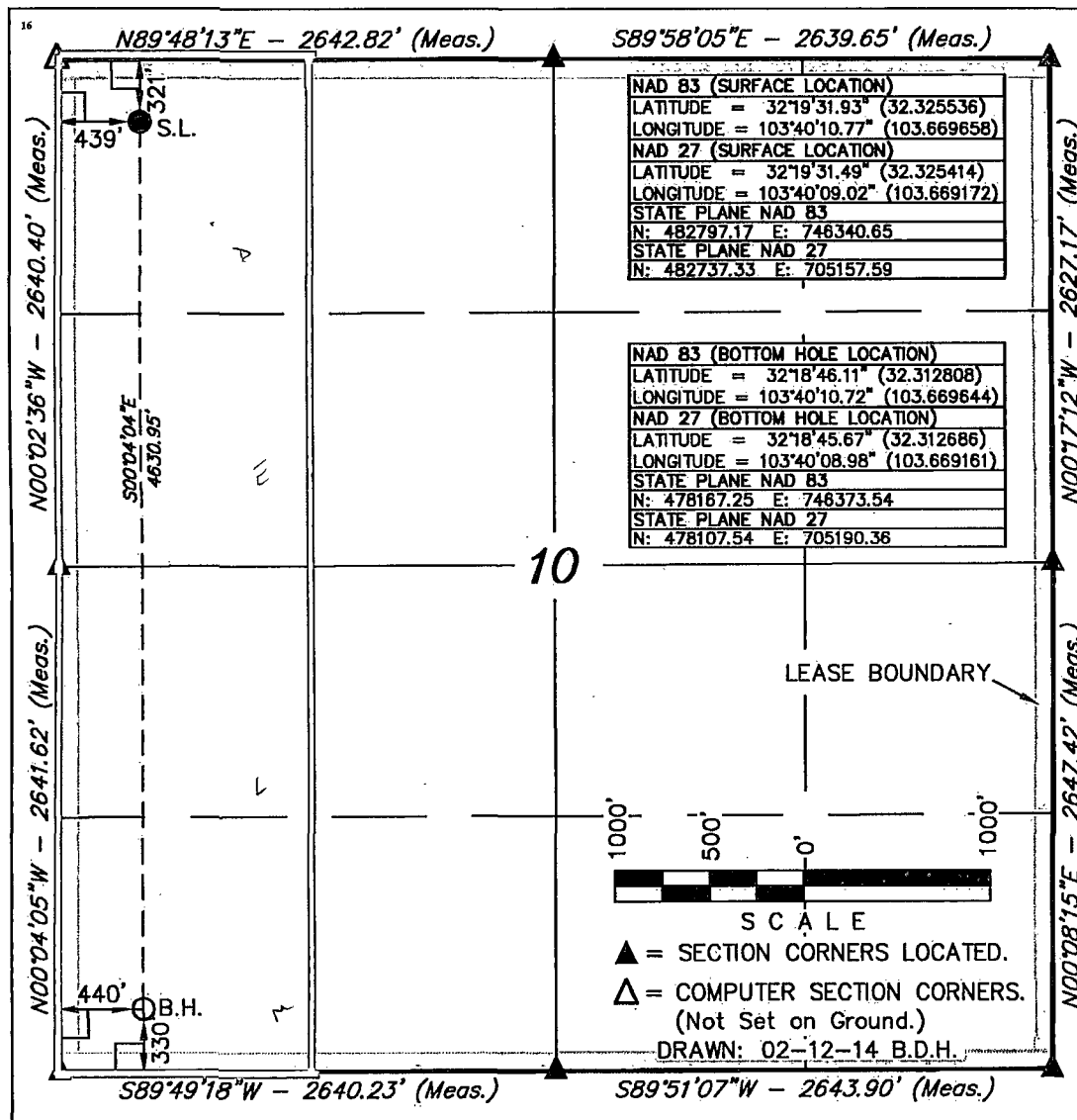
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	10	23 S	32 E		321	NORTH	439	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	10	23 S	32 E		330	SOUTH	440	WEST	LEA
¹² Dedicated Acres 160		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.

Aricka Easterling
Signature Date 02-14

Aricka Easterling

Printed Name

aeasterling@cimarex.com

E-mail Address

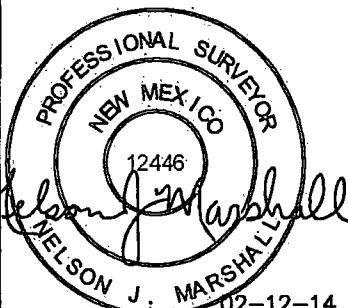
¹⁸ SURVEYOR CERTIFICATION

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 13, 2013

Date of Survey

Signature and Seal of Professional Surveyor:

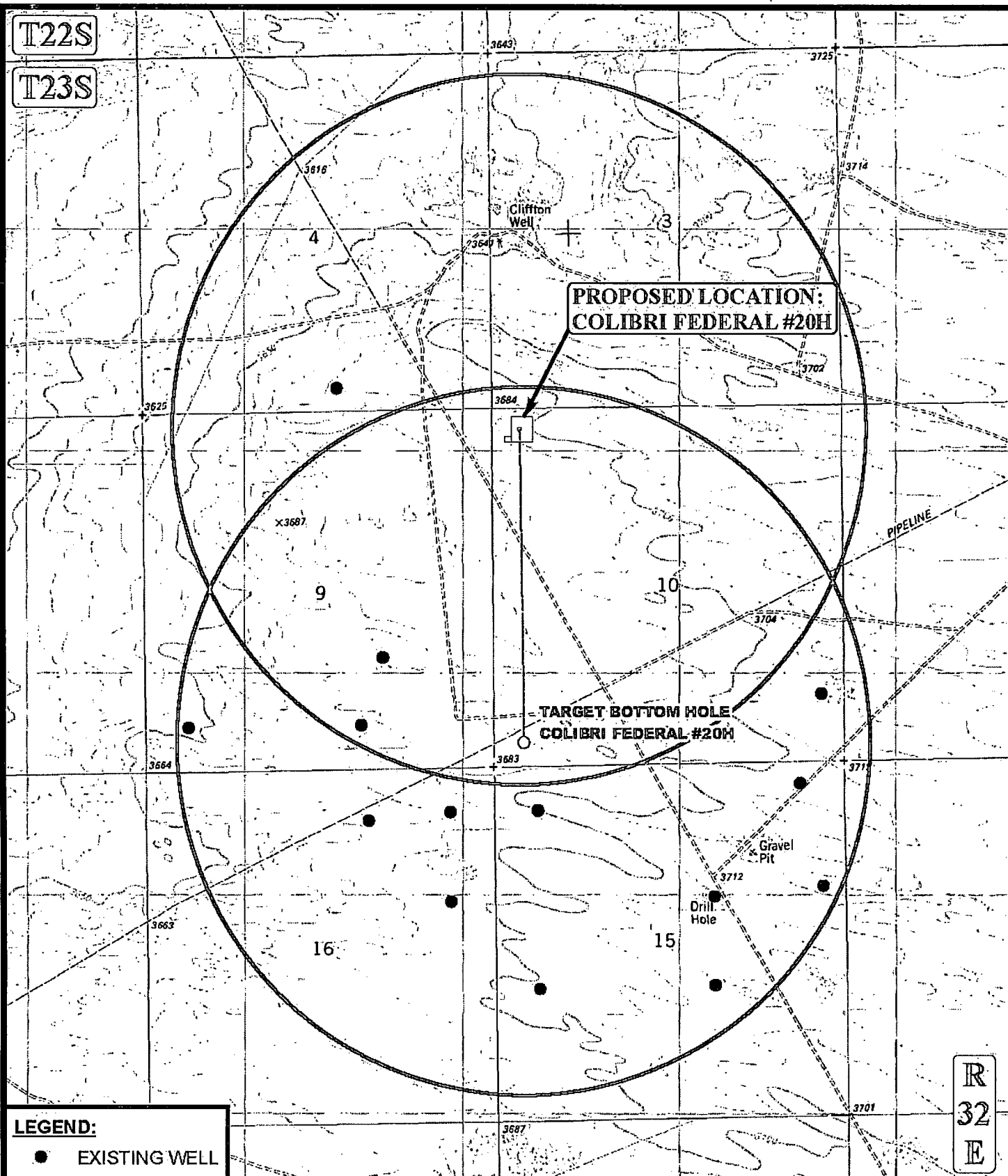


Certificate Number:

OCT 15 2014

T22S

T23S



LEGEND:

● EXISTING WELL

SCALE: 1" = 2000'

REVISED: 02-12-14

DRAWN BY: J.M.C.

DATE DRAWN: 01/17/2014



CIMAREX ENERGY CO.

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

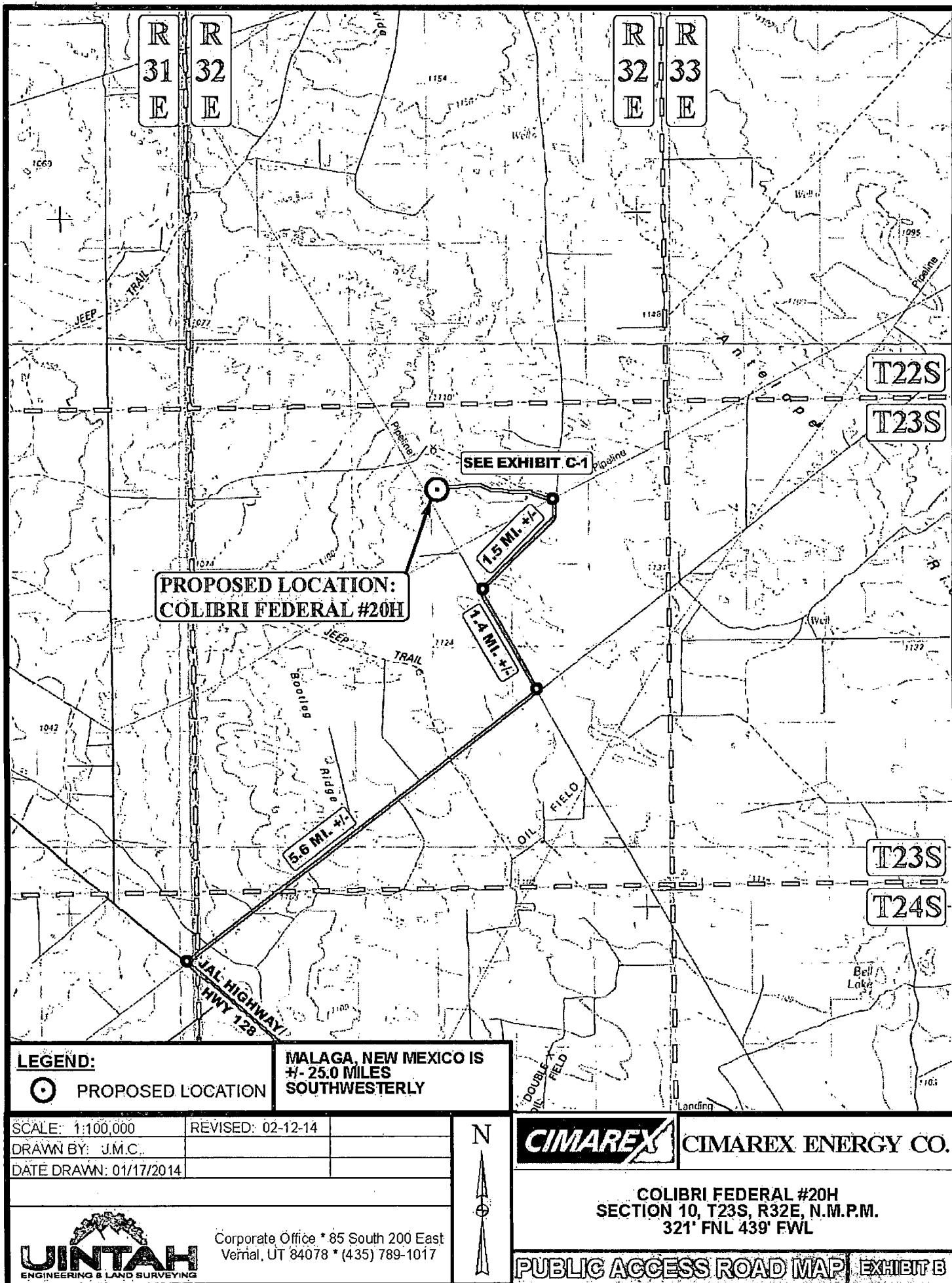
ONE MILE RADIUS PLAT

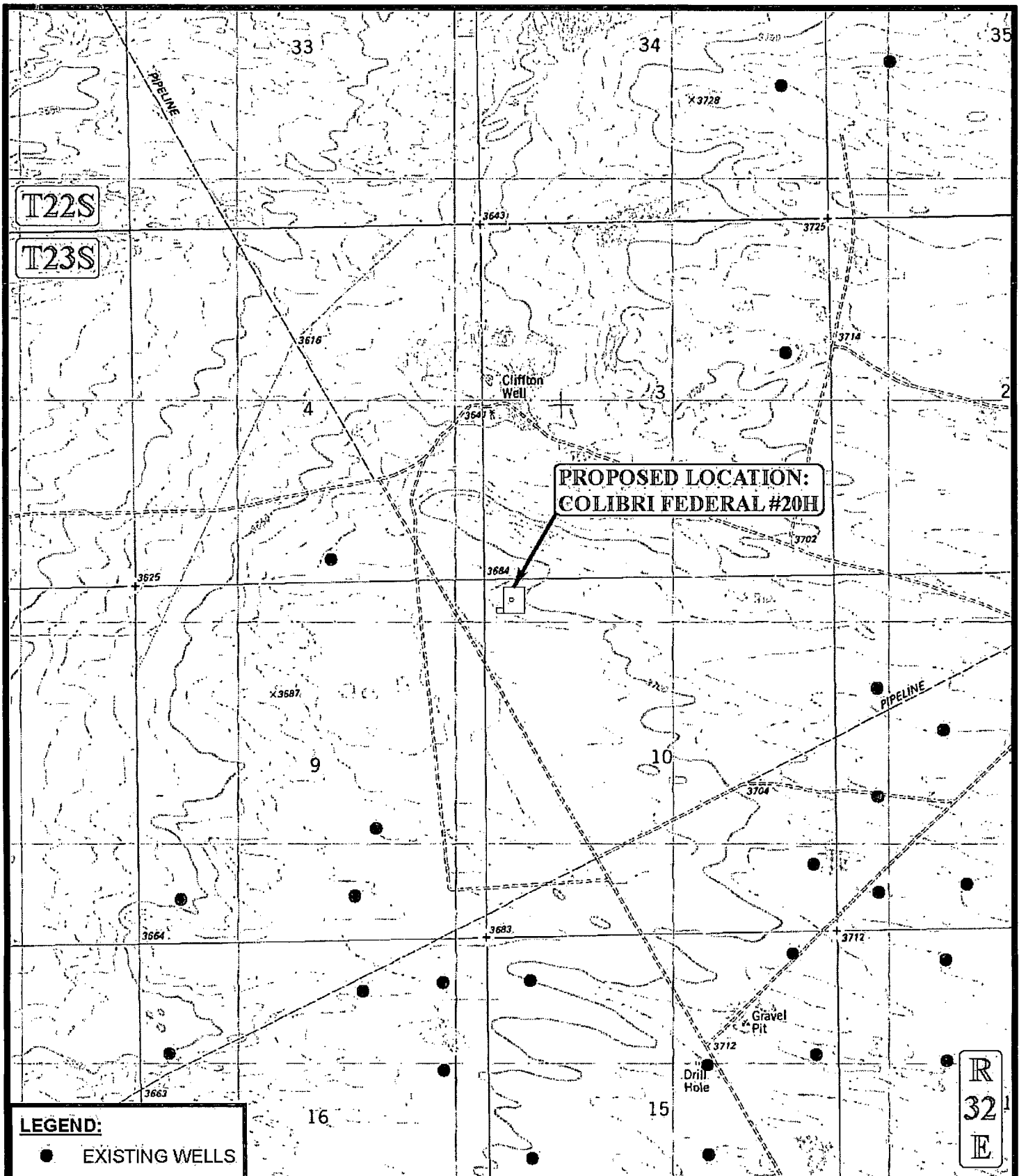
EXHIBIT A



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

OCT 15 2014





LEGEND:

● EXISTING WELLS

SCALE: 1" = 2000'

REVISED: 02-12-14

DRAWN BY: J.M.C.

DATE DRAWN: 01/17/2014



CIMAREX ENERGY CO.

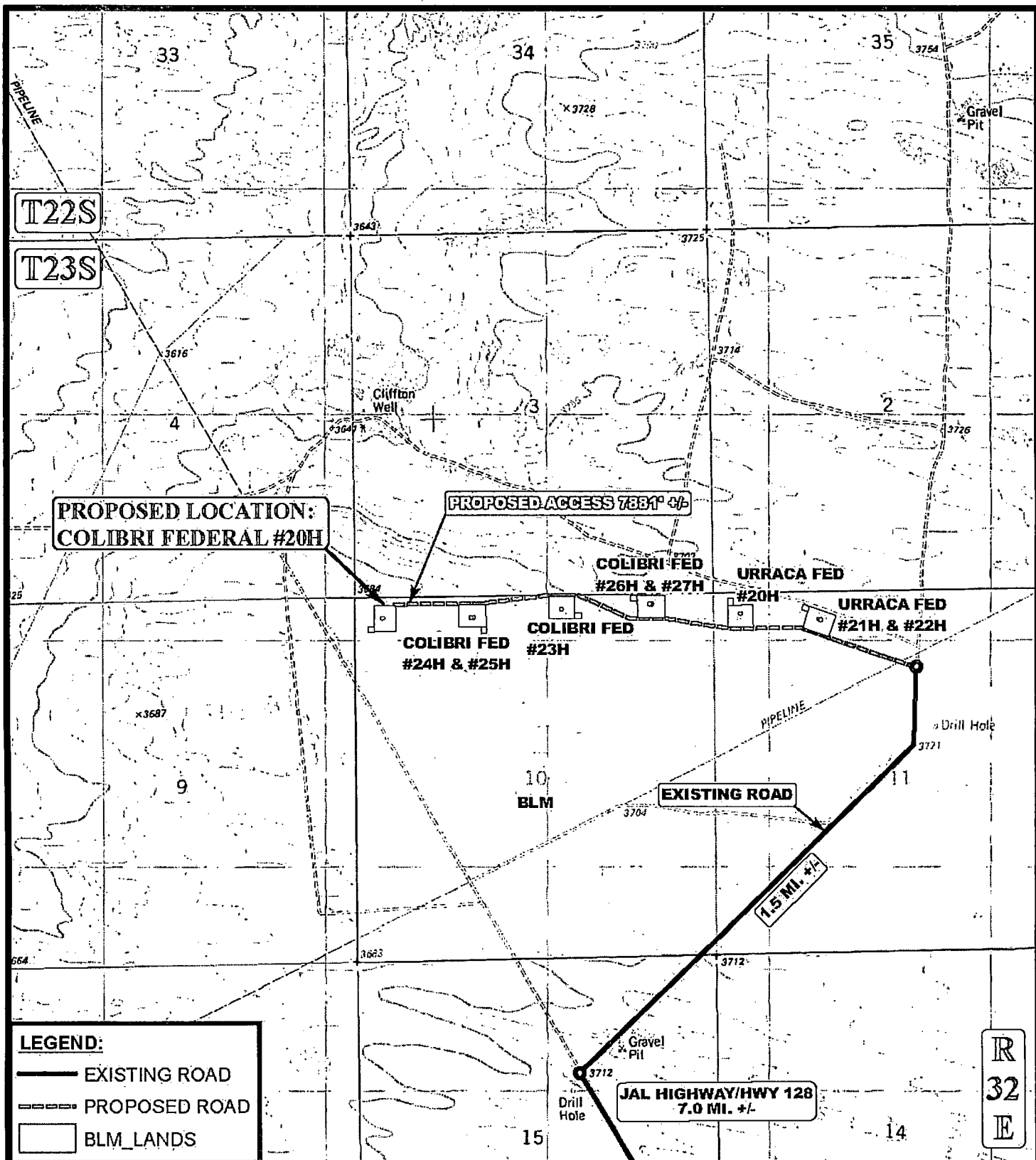
**COLIBRI FEDERAL #20H
SECTION 10, T23S, R32E, N.M.P.M.
321' FNL 439' FWL**

USCS TOPOGRAPHIC MAP

EXHIBIT C



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



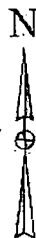
*PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UTAH ENGINEERING & LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

SCALE: 1" = 2000'

REVISED: 02-12-14

DRAWN BY: J.M.C.

DATE DRAWN: 01/17/2014



CIMAREX ENERGY CO.

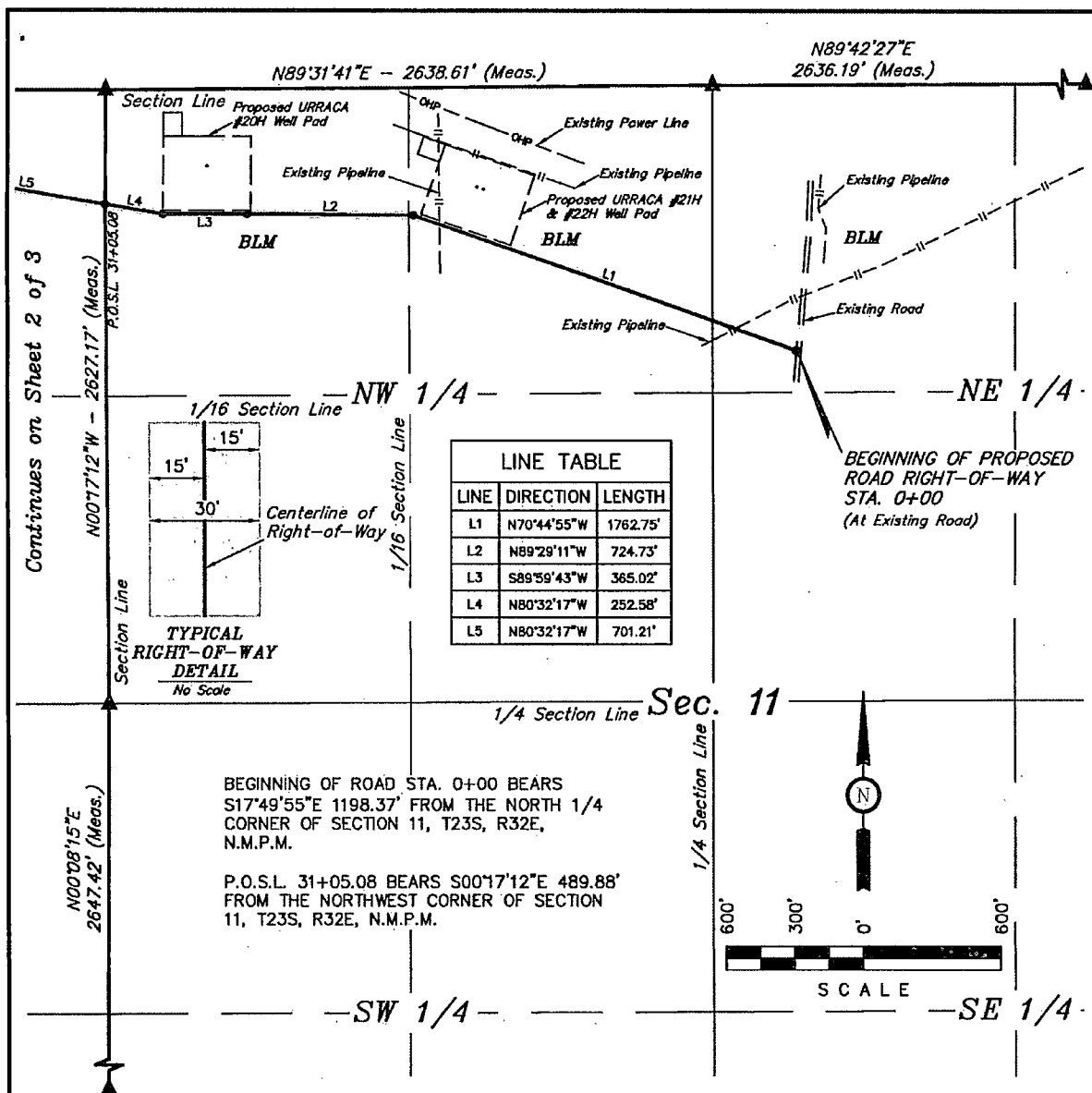
COLIBRI FEDERAL #20H
SECTION 10, T23S, R32E, N.M.P.M.
321' FNL 439' FWL

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 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.)

NOTES:

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

THIS IS TO CERTIFY THAT THE ABOVE PLACED 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.

CERTIFICATION SURVEYOR
NEW MEXICO
REGISTERED LAND SURVEYOR
REGISTERED NO. 12449
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.

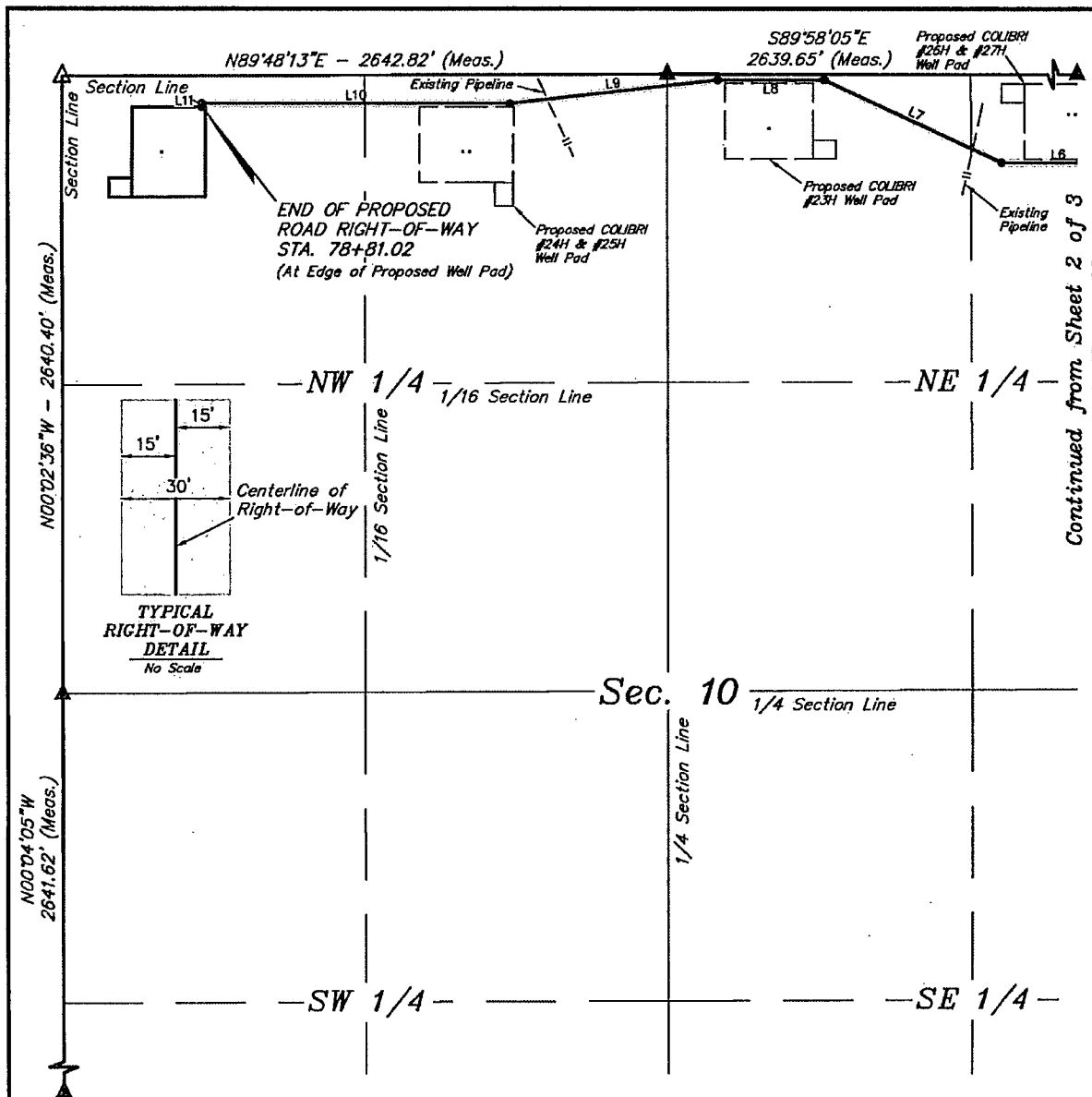
SCALE: 1" = 600'

DATE: 01-10-14

REVISED: 02-12-14

ACCESS ROAD R-O-W

EXHIBIT C-2



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%.

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
Nelson J. Marshall
REGISTERED LAND SURVEYOR
REGISTRATION NO. 12446
STATE OF NEW MEXICO
02-12-14

Sheet 3 of 3



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



CIMAREX ENERGY CO.

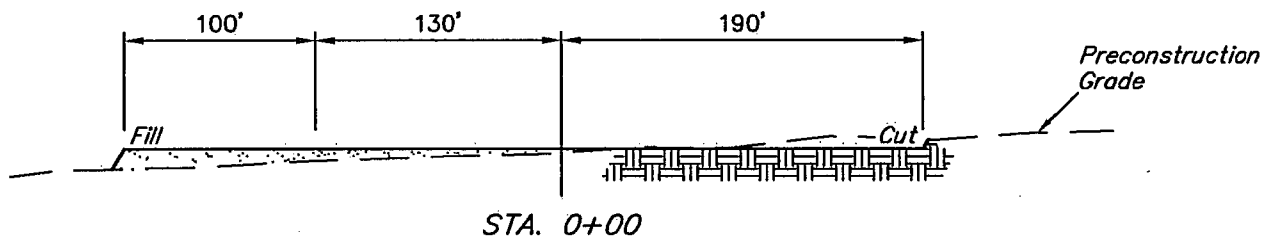
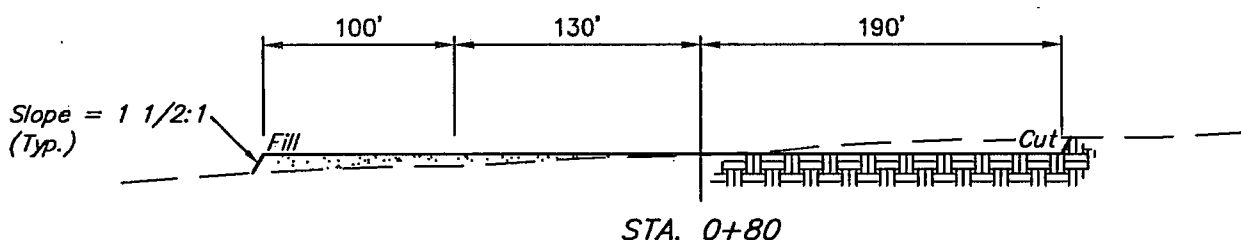
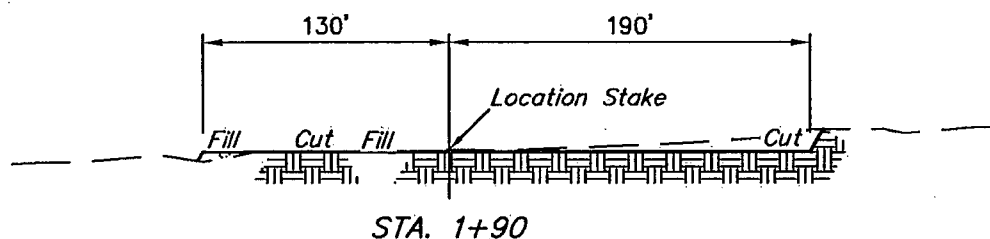
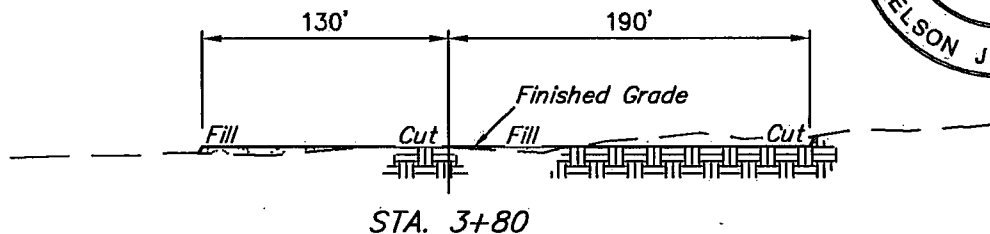
COLIBRI FEDERAL #20H
SECTION 10, T23S, R32E, N.M.P.M.
321' FNL 439' FWL

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

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	1,250 Cu. Yds.		DISTANCE	ACRES
REMAINING LOCATION	3,260 Cu. Yds.	WELL SITE DISTURBANCE	NA	±3.284
TOTAL CUT	4,510 Cu. Yds.	ACCESS ROAD DISTURBANCE	±7,881.02'	±5.428
FILL	3,260 Cu. Yds.			
EXCESS MATERIAL	1,250 Cu. Yds.			
TOPSOIL	1,250 Cu. Yds.			
EXCESS UNBALANCE (After Interim Rehabilitation)	0 Cu. Yds.	TOTAL SURFACE USE AREA	±7,881.02'	±8.712

NOTES:

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



CIMAREX ENERGY CO.

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

DRAWN BY: B.D.H.

SCALE: AS SHOWN

DATE: 01-10-14

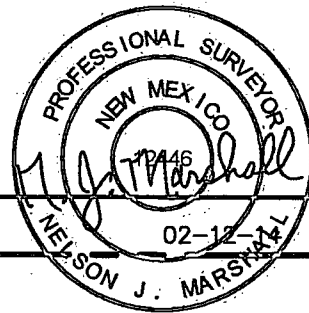
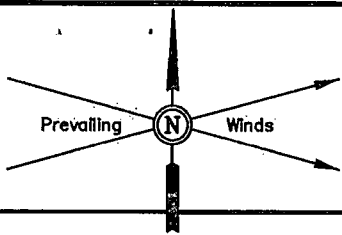
REVISED: 02-12-14



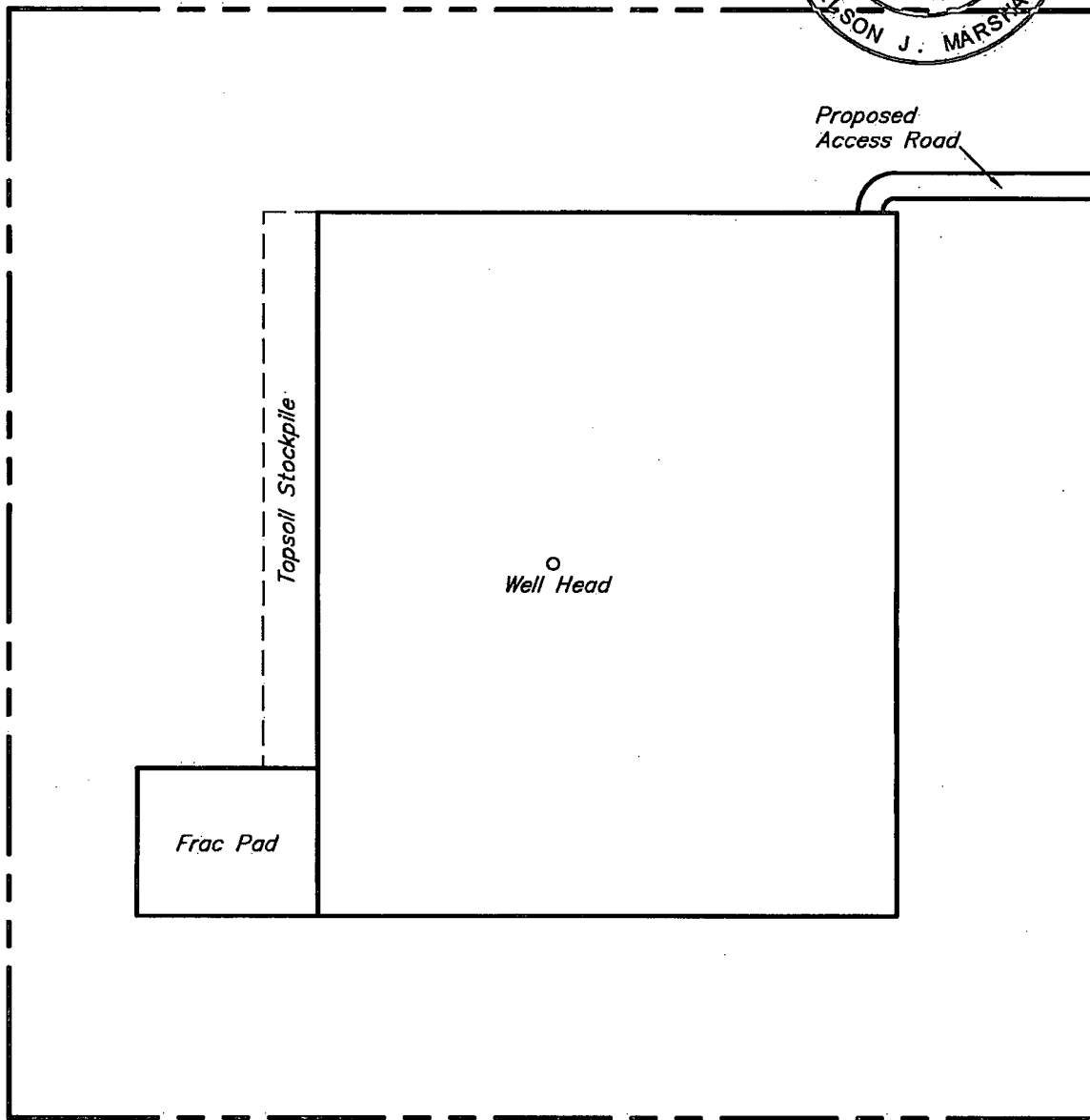
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

TYPICAL CROSS SECTIONS

EXHIBIT D



Section 3
Section 10



600' X 600'
Archaeological Survey
Boundary

NOTES:



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" = 100'

DATE: 01-10-14

REVISED: 02-12-14

**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 TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY, THEN WESTERLY DIRECTION APPROXIMATELY 7,881' 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 10.0 MILES.

DRAWN BY: J.M.C.	REVISED: 02-12-14	 CIMAREX ENERGY CO.
DATE DRAWN: 01/17/2014		
 Corporate Office * 85 South 200 East Vernal, UT 84078 * (435) 789-1017		COLIBRI FEDERAL #20H SECTION 10, T23S, R32E, N.M.P.M. 321' FNL 439' FWL
		ROAD DESCRIPTION
		EXHIBIT J