

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'

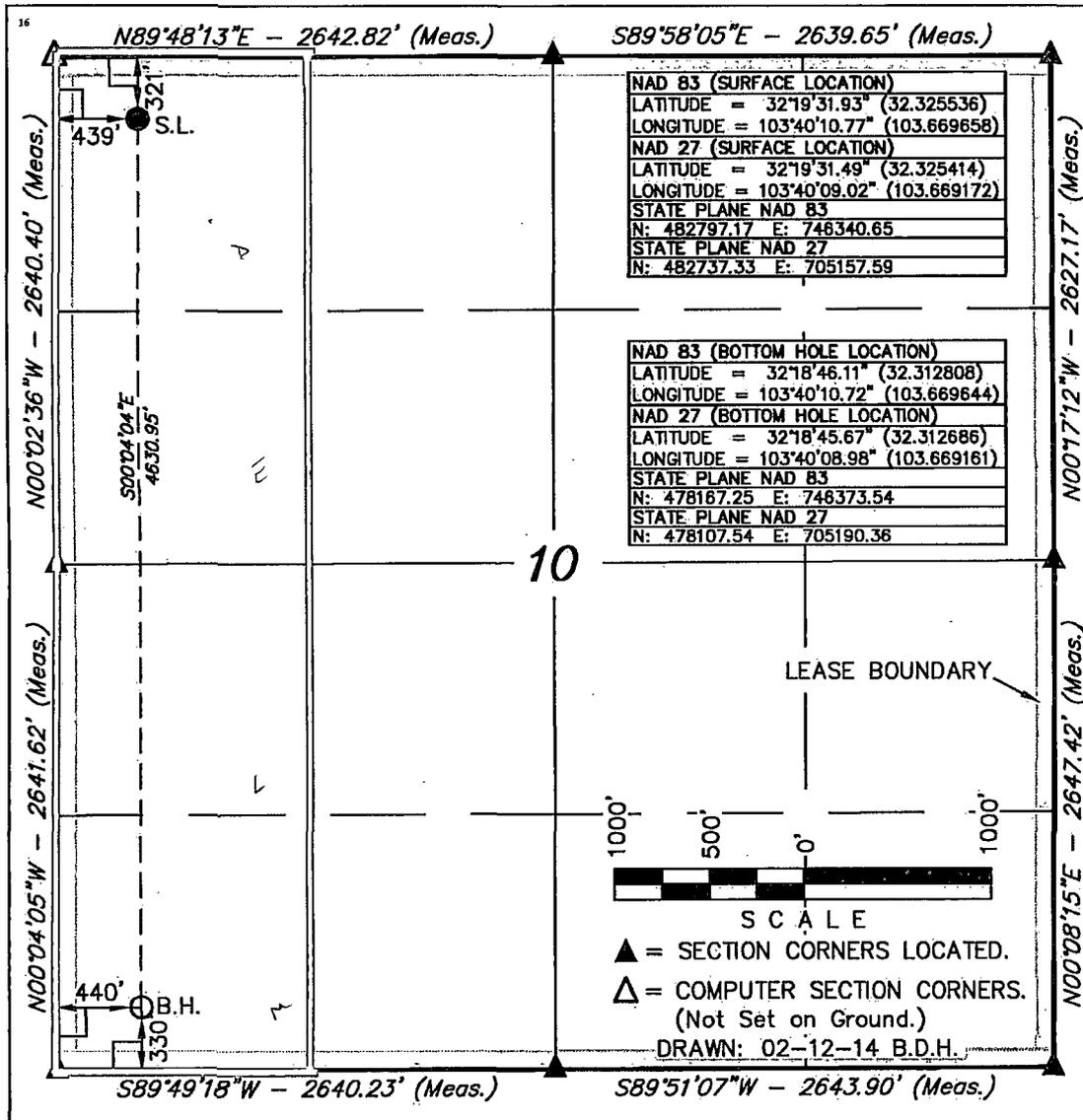
¹⁰ Surface Location

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 02-12-14

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.

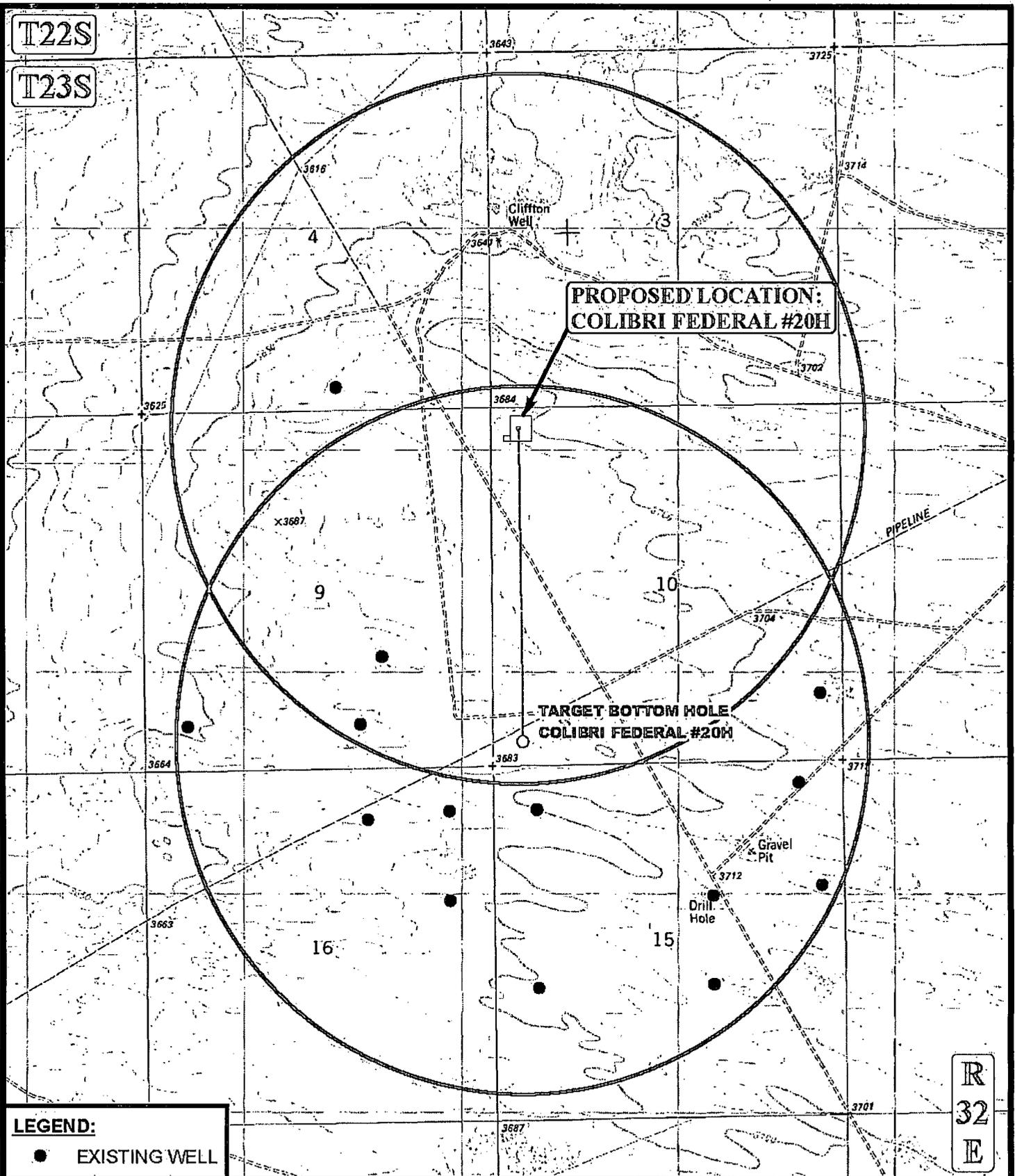
November 13, 2013
Date of Survey
Signature and Seal of Professional Surveyor:

NELSON J. MARSHALL
12446
02-12-14
Certificate Number:

OCT 15 2014

T22S

T23S



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

**TARGET BOTTOM HOLE
COLIBRI FEDERAL #20H**

PIPELINE

Cliffton Well

Gravel Pit

Drill. Hole

R
32
E

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**

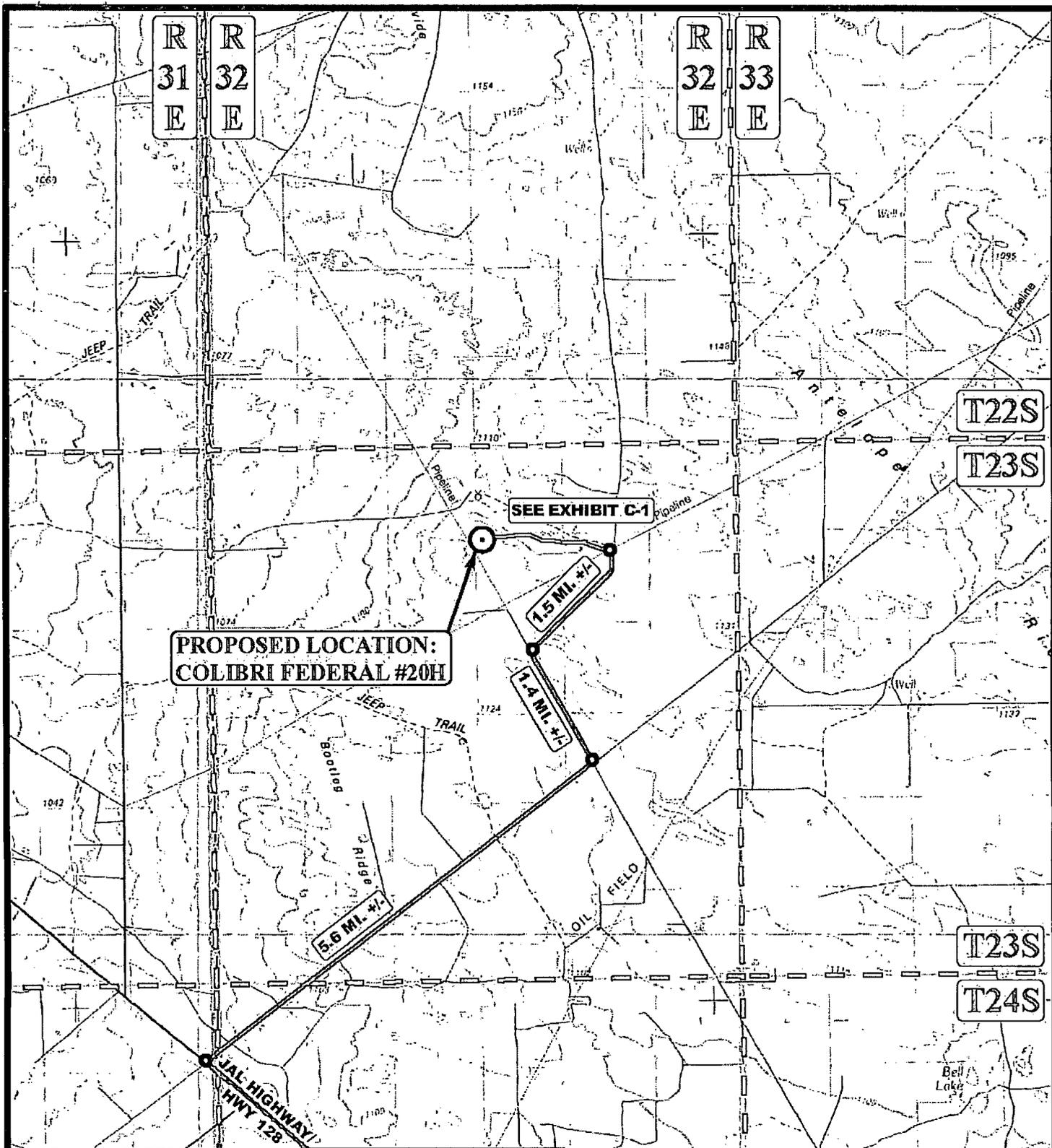
ONE MILE RADIUS PLAT

EXHIBIT A



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

OCT 15 2014



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

SEE EXHIBIT C-1

1.5 MI. +/-

2.4 MI. +/-

5.6 MI. +/-

LEGEND:

PROPOSED LOCATION

**MALAGA, NEW MEXICO IS
± 25.0 MILES
SOUTHWESTERLY**

SCALE: 1:100,000

REVISED: 02-12-14

DRAWN BY: J.M.C.

DATE DRAWN: 01/17/2014



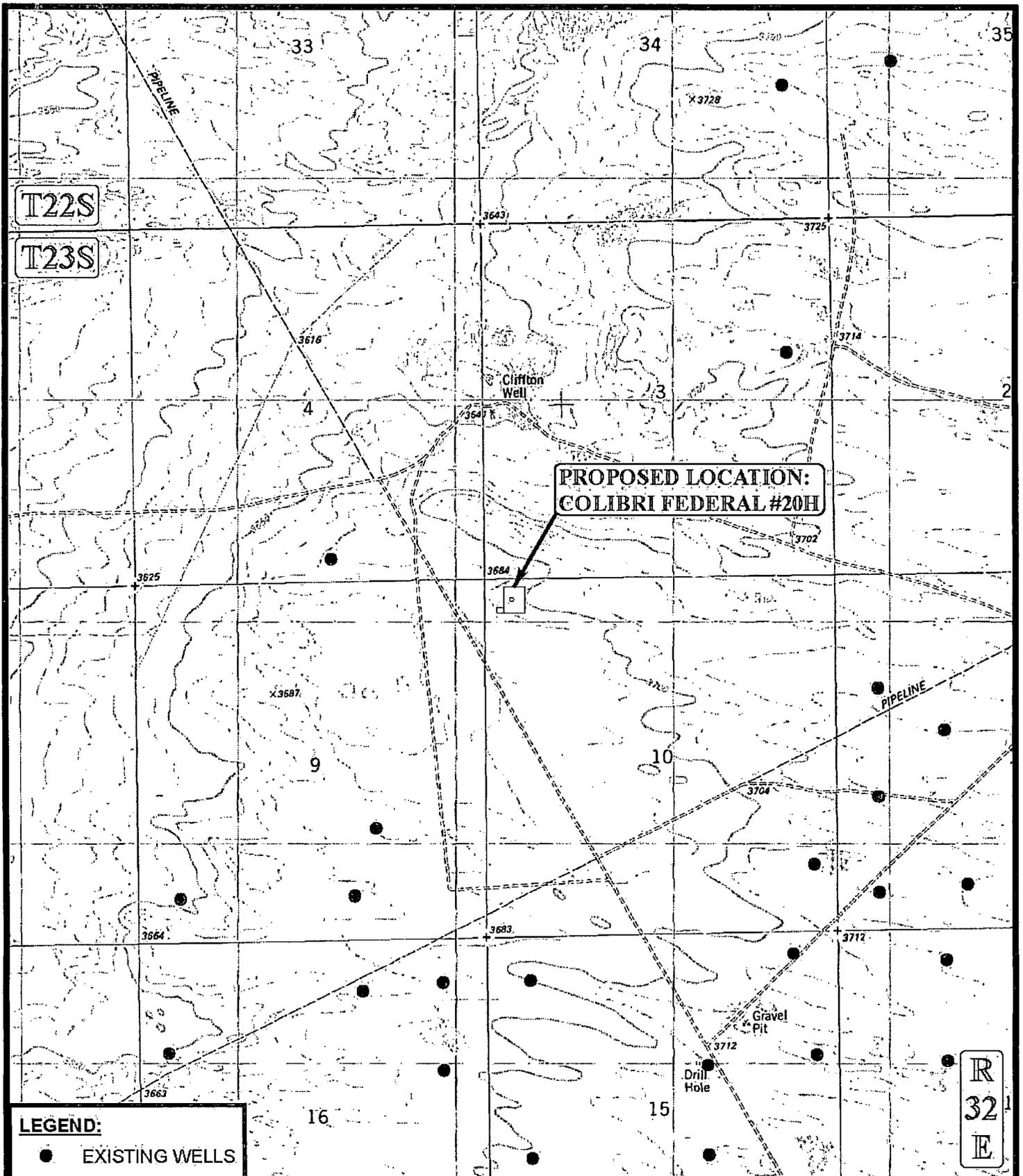
CIMAREX ENERGY CO.

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

PUBLIC ACCESS ROAD MAP EXHIBIT B



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



LEGEND:
 ● EXISTING WELLS

SCALE: 1" = 2000'	REVISED: 02-12-14
DRAWN BY: J.M.C.	
DATE DRAWN: 01/17/2014	



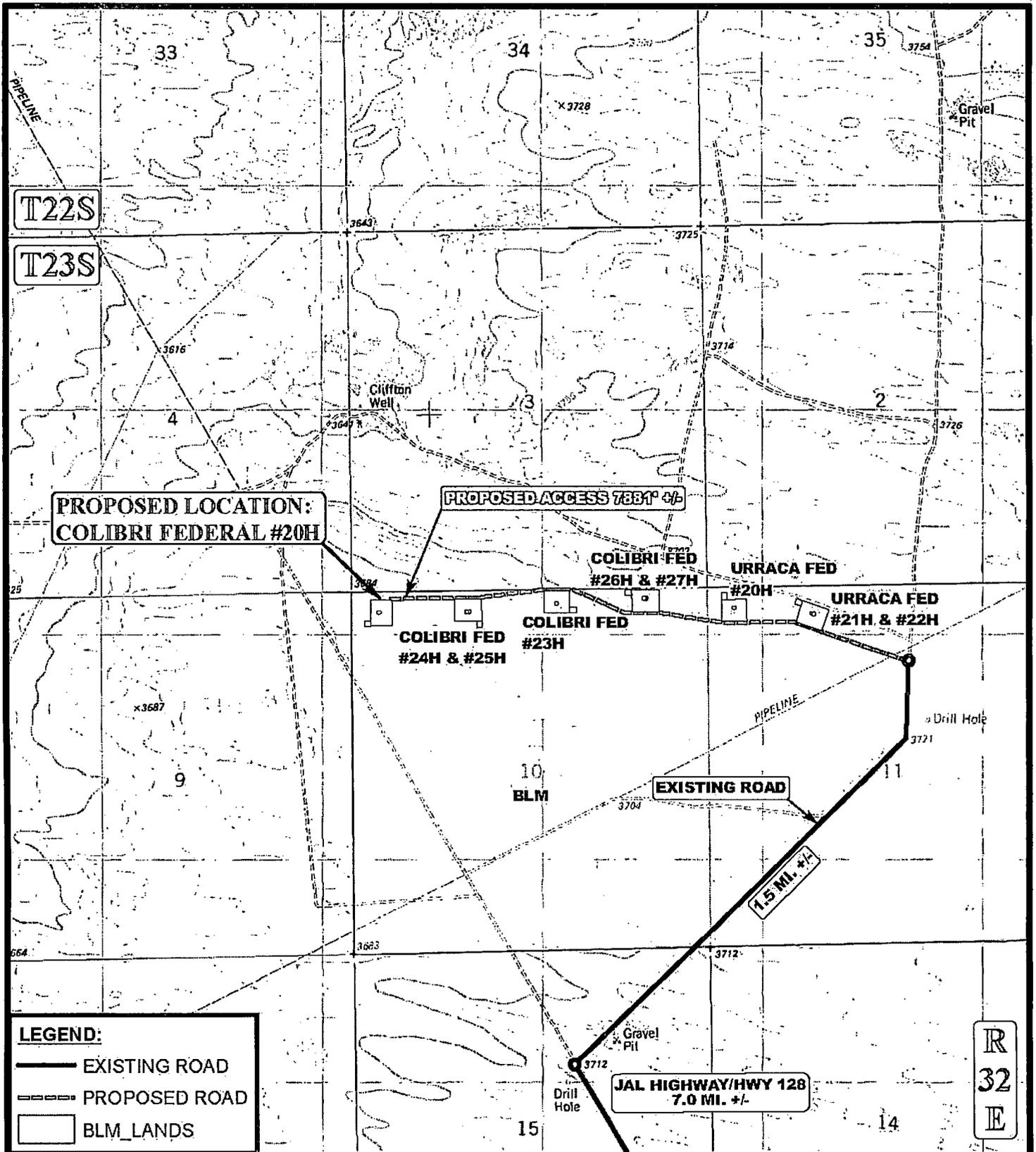
CIMAREX CIMAREX ENERGY CO.

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

USGS TOPOGRAPHIC MAP EXHIBIT C



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



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

PROPOSED ACCESS 788° 41'

LEGEND:
 ——— EXISTING ROAD
 - - - - - PROPOSED ROAD
 □ BLM_LANDS

**R
32
E**

*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'
 DRAWN BY: J.M.C.
 DATE DRAWN: 01/17/2014



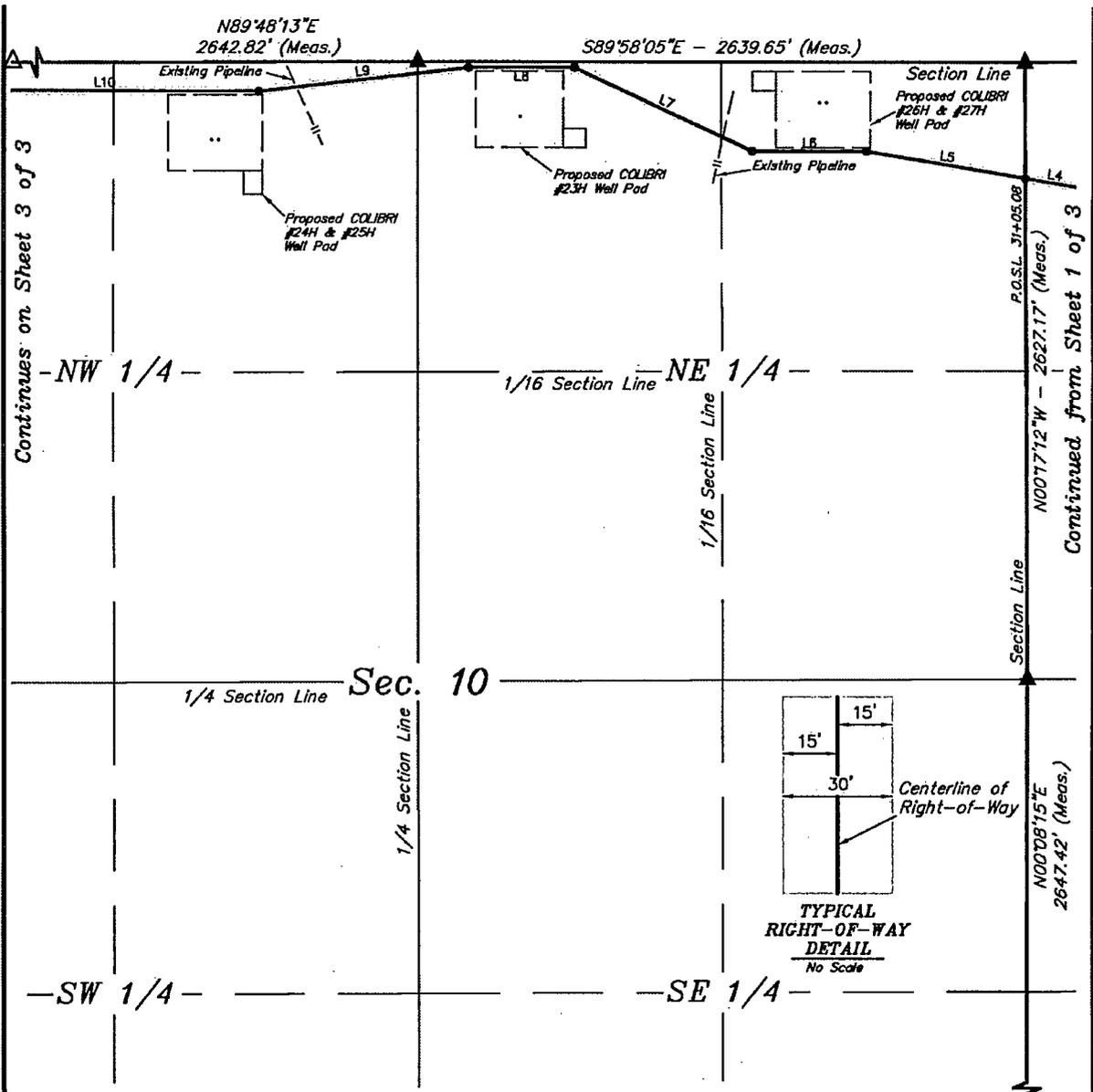
CIMAREX CIMAREX ENERGY CO.

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

ACCESS ROAD MAP EXHIBIT C-1

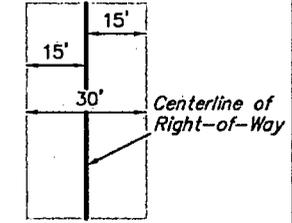


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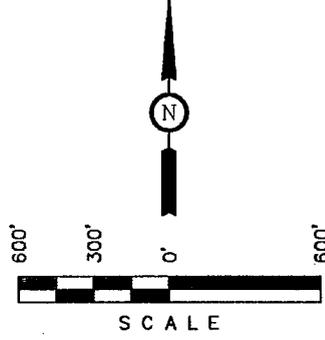
Continues on Sheet 3 of 3

Continued from Sheet 1 of 3



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	N85°38'40"W	850.26'
L8	S89°59'08"W	481.78'
L9	S83°44'55"W	812.84'
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 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.

PROFESSIONAL SURVEYOR
NEW MEXICO
Robert J. Marshall
REGISTERED LAND SURVEYOR
REGISTRATION NO. 12448
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%.

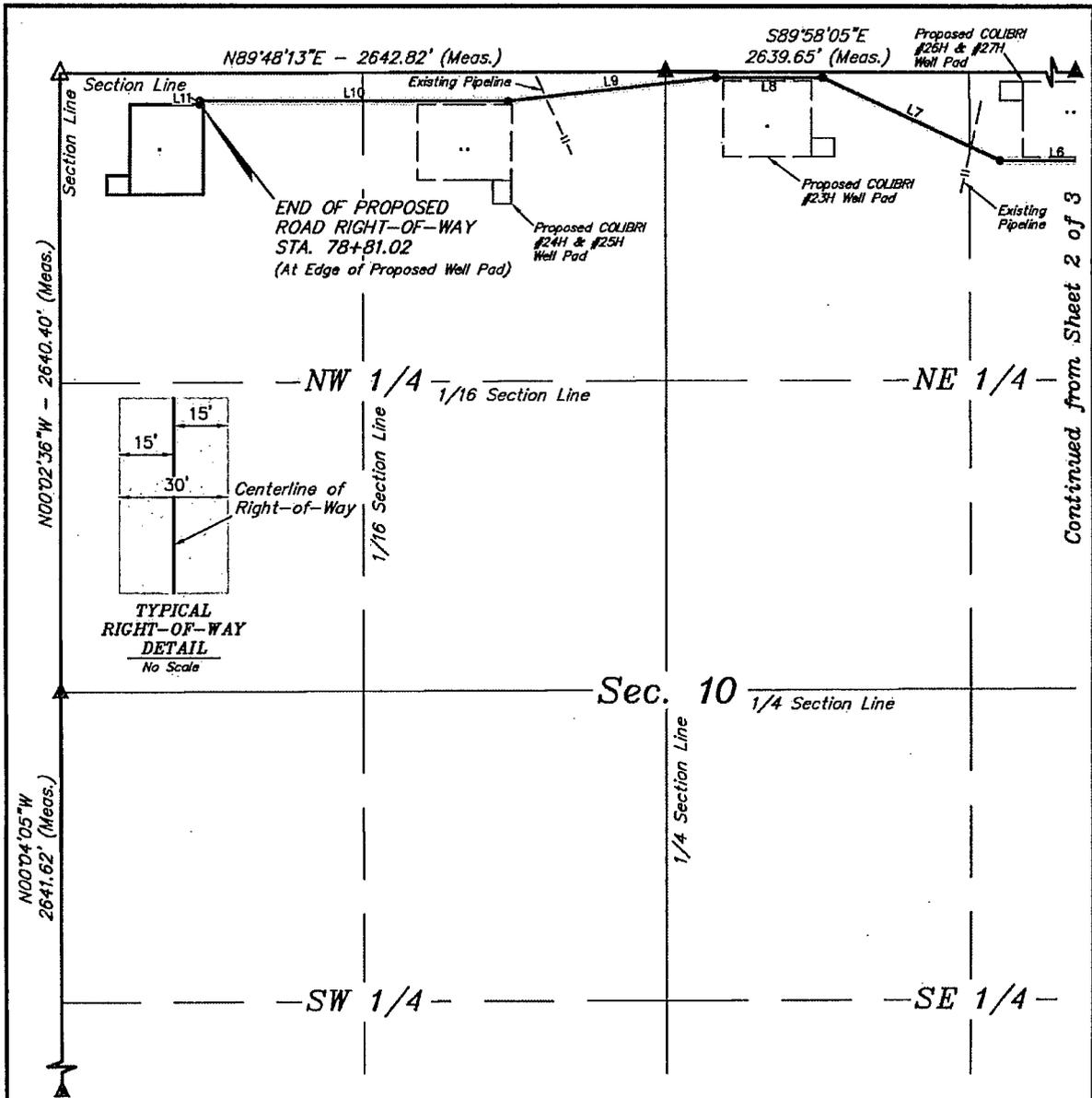
CIMAREX ENERGY CO.
COLIBRI FEDERAL #20H
SECTION 10, T23S, R32E, N.M.P.M.
321' FNL 439' FWL



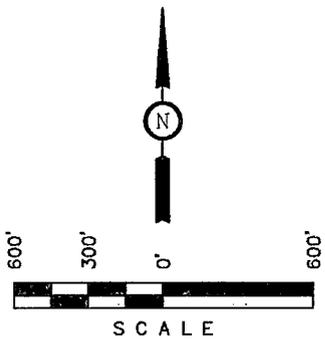
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

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

ACCESS ROAD R-O-W EXHIBIT C-2



Continued from Sheet 2 of 3



LINE TABLE		
LINE	DIRECTION	LENGTH
L6	N89°58'15"W	495.02'
L7	N65°38'40"W	850.26'
L8	S89°59'06"W	461.76'
L9	S83°44'55"W	912.84'
L10	N89°57'57"W	1340.03'
L11	S00°13'19"W	14.82'

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.

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

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

Sheet 3 of 3

NOTES:

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

UINTEAH
ENGINEERING & LAND SURVEYING

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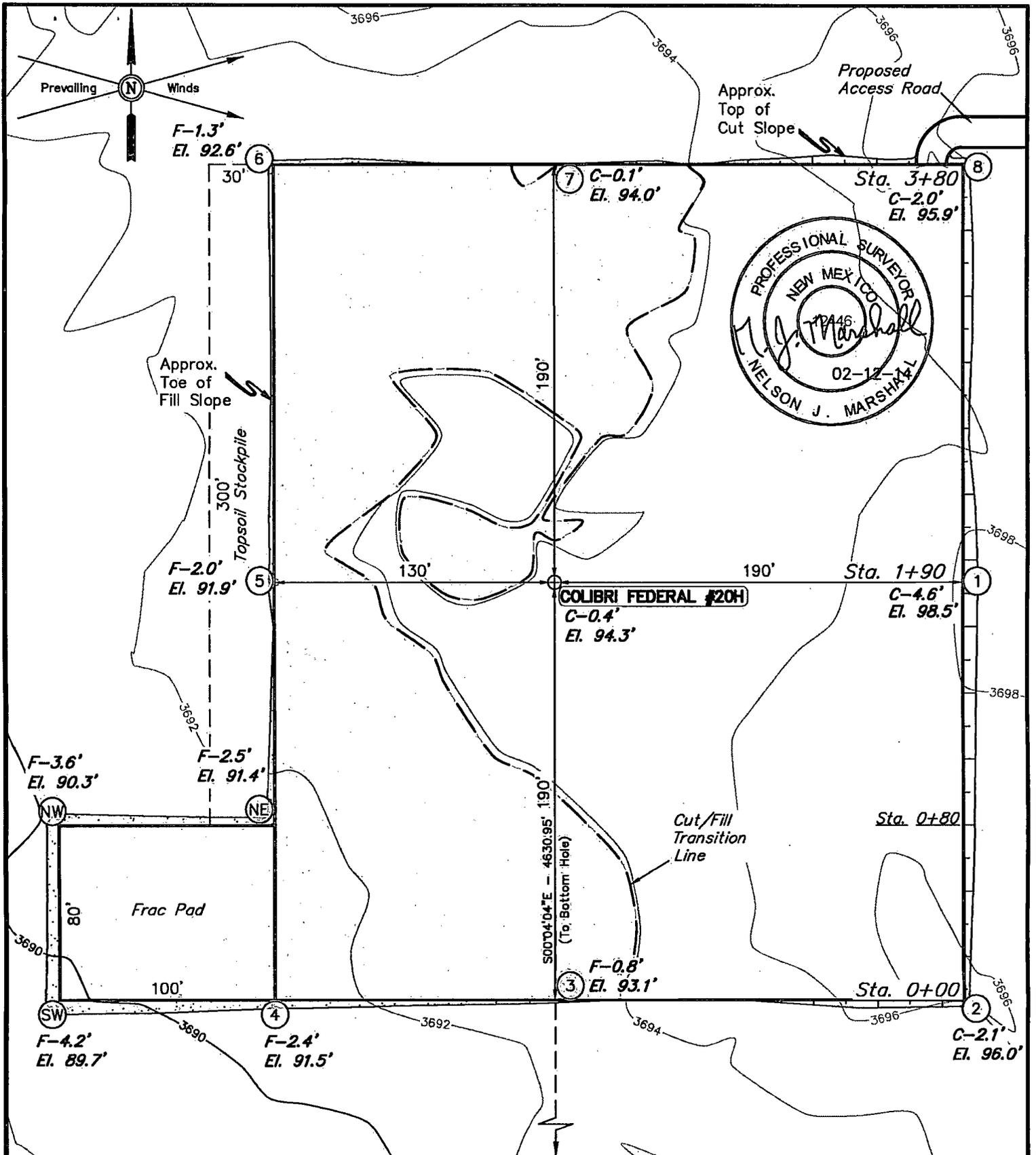
CIMAREX ENERGY CO.

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 = 3694.3' FINISHED GRADE ELEV. AT LOC. STAKE = 3693.9'

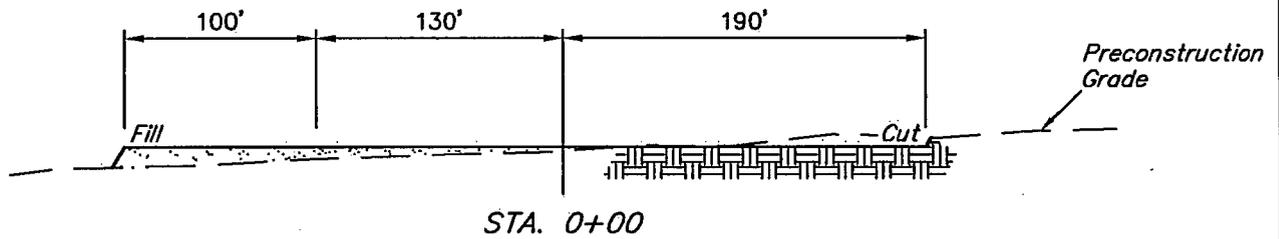
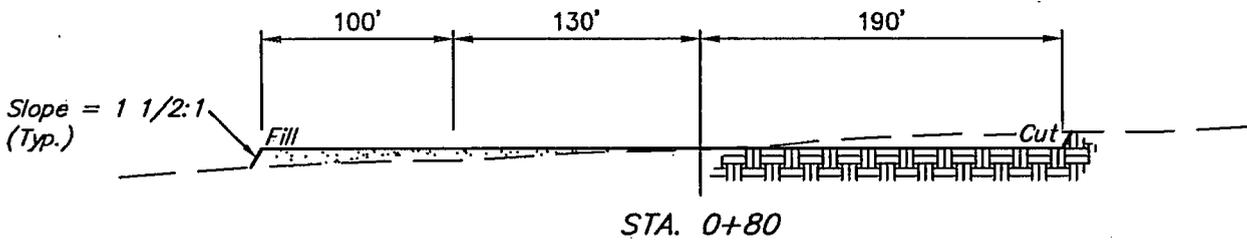
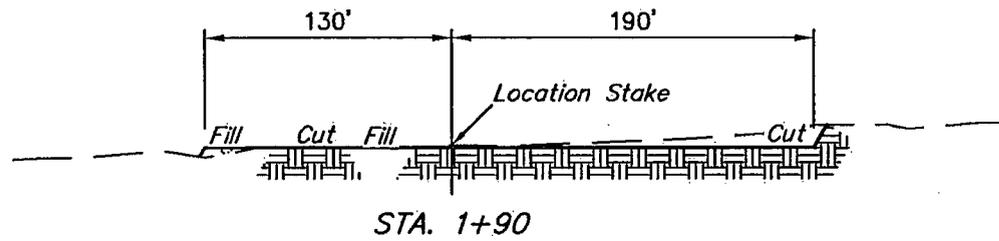
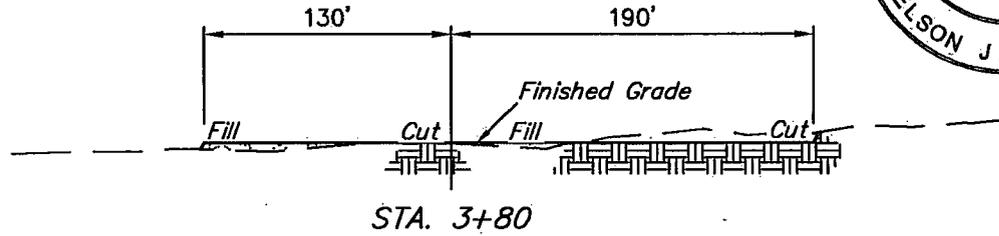
- NOTES:**
- Flare pit is to be located a min. of 100' from the well head.
 - Underground utilities shown on this sheet are for visualization purposes only, actual locations to be determined prior to construction.

CIMAREX		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" = 60'		
DATE: 01-10-14	REVISED: 02-12-14		
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	1,250 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 **CIMAREX ENERGY CO.**

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

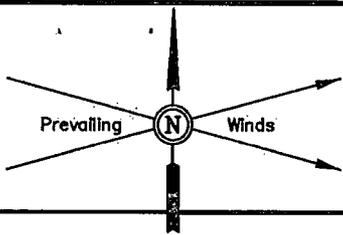
UINTAH
 ENGINEERING & LAND SURVEYING

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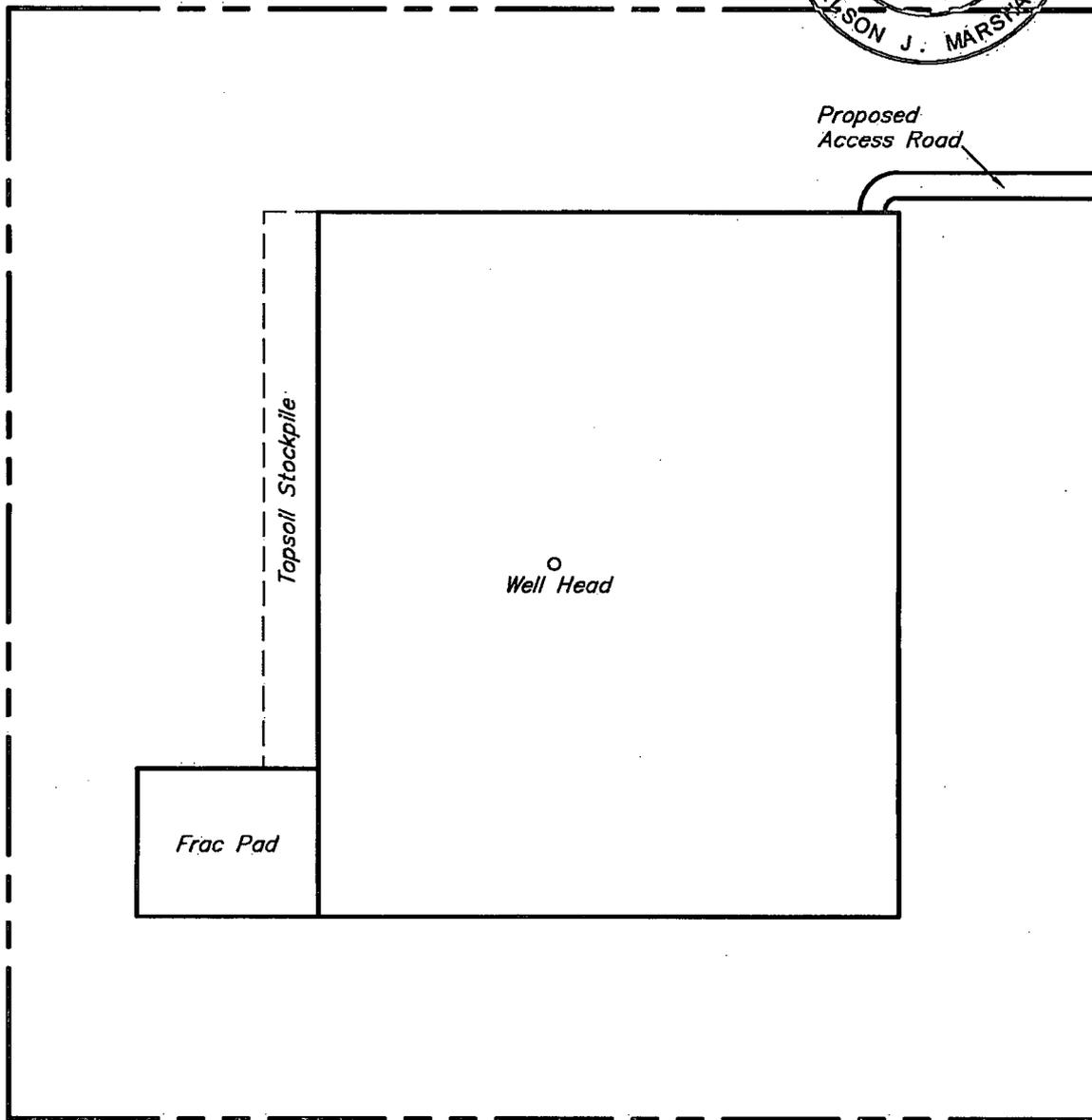
DRAWN BY: B.D.H. SCALE: AS SHOWN

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

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



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 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	
DATE DRAWN: 01/17/2014		



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

ROAD DESCRIPTION EXHIBIT J



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