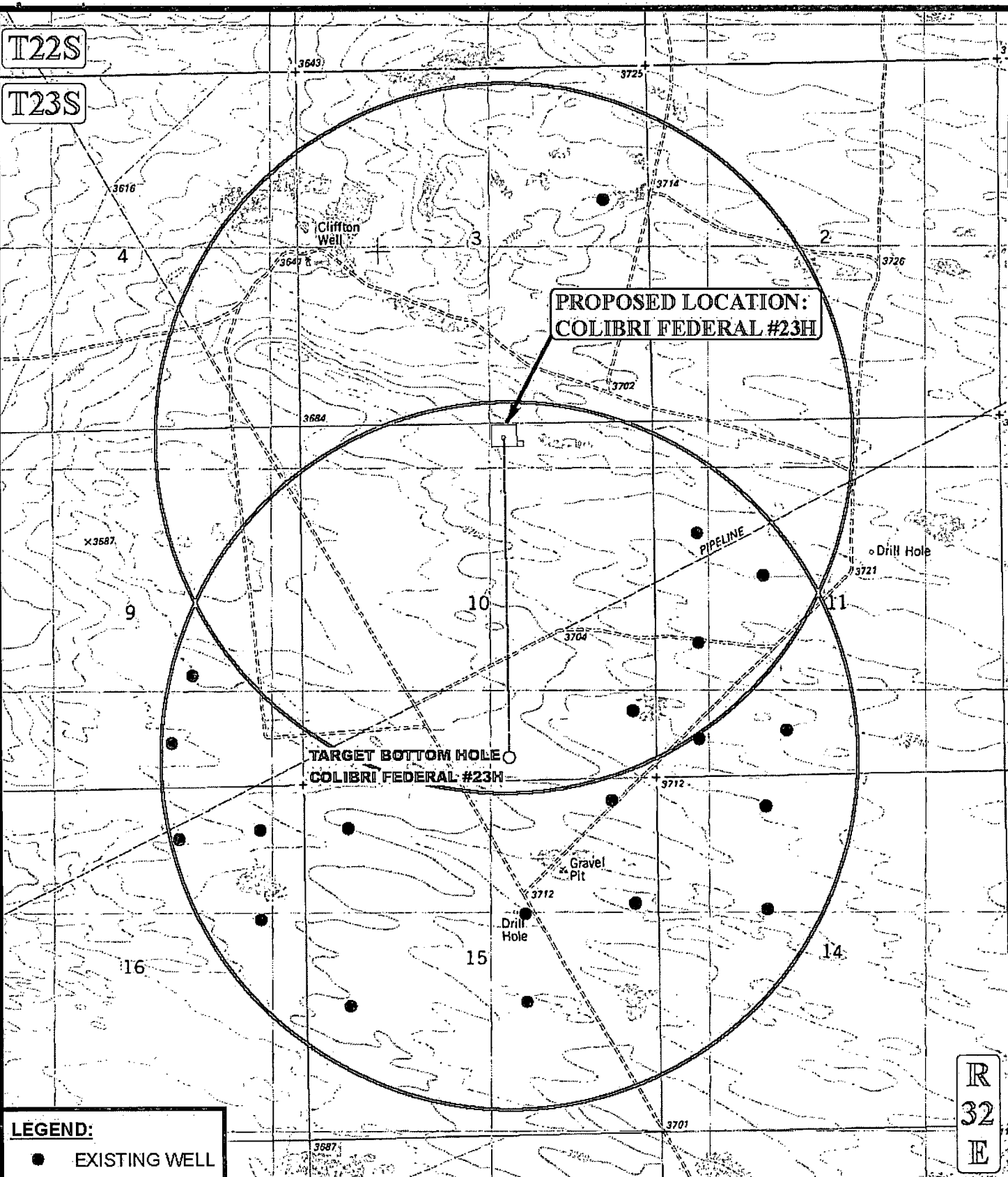


7
OCT 15 2014

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.

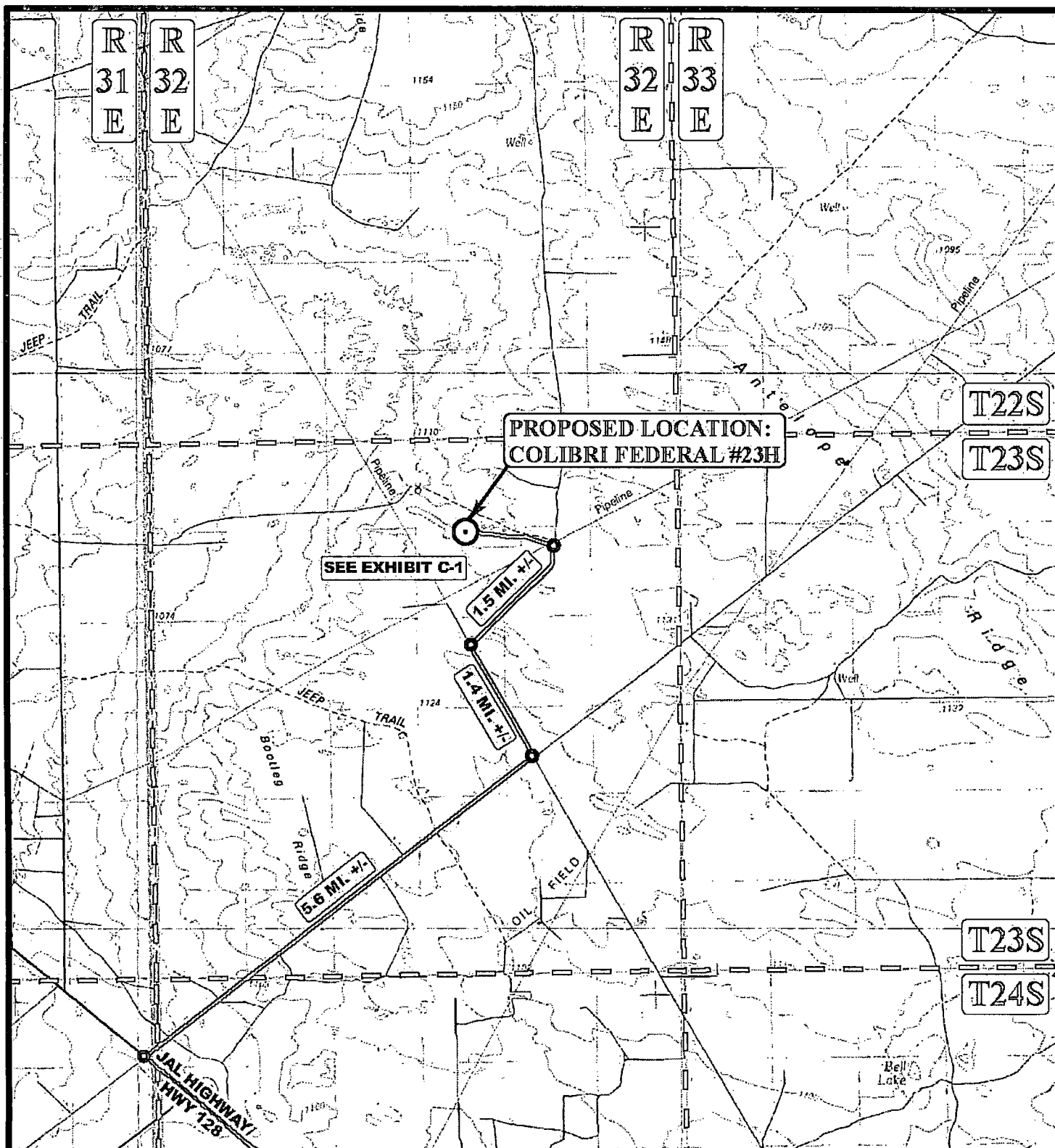
COLIBRI FEDERAL #23H
SECTION 10, T23S, R32E, N.M.P.M.
230' FNL 2200' FEL

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
+/- 25.0 MILES
SOUTHWESTERLY

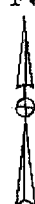
SCALE: 1:100,000

REVISED: 02-12-14

DRAWN BY: J.M.C.

DATE DRAWN: 01/17/2014

N



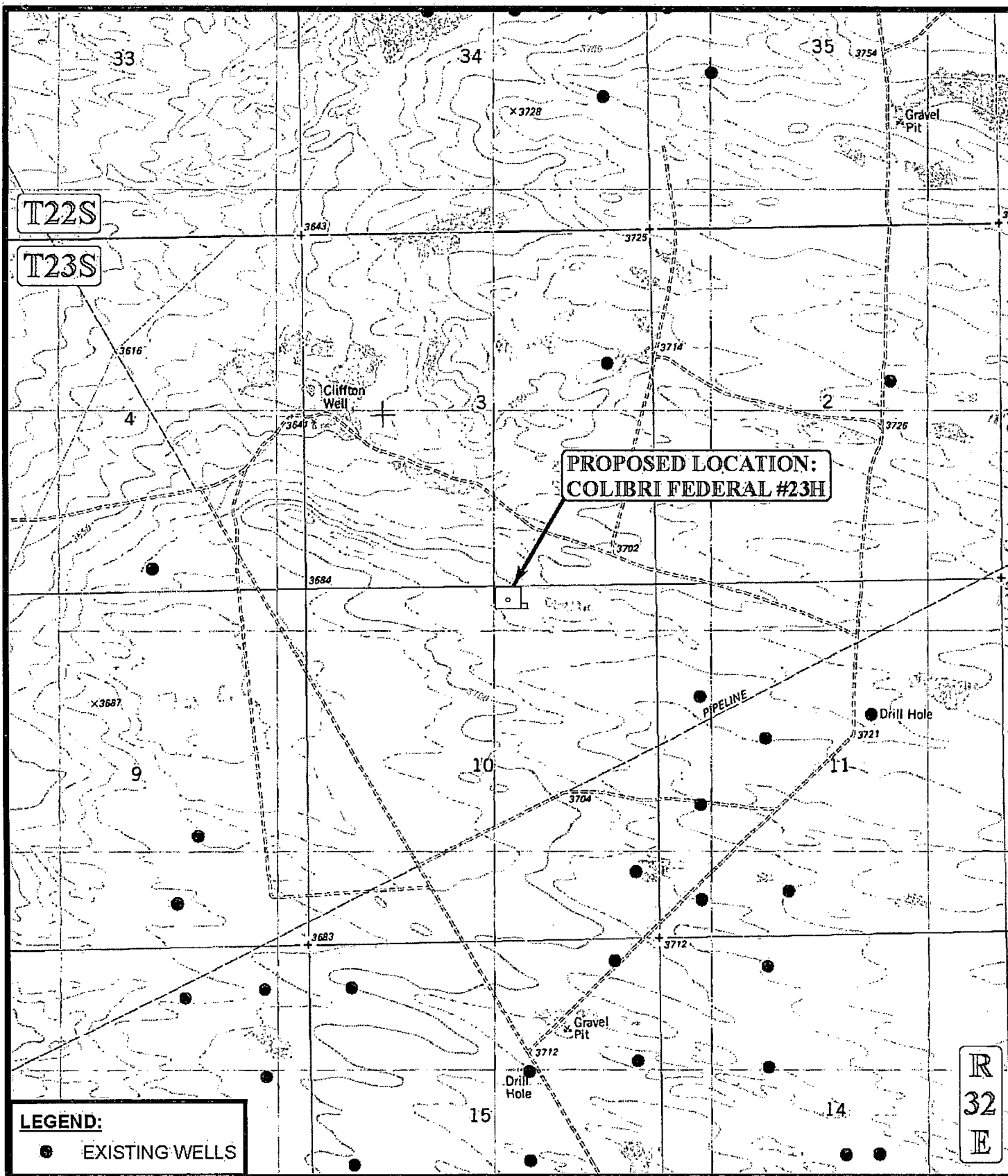
CIMAREX ENERGY CO.

COLIBRI FEDERAL #23H
SECTION 10, T23S, R32E, N.M.P.M.
230' FNL 2200' FEL

PUBLIC ACCESS ROAD MAP EXHIBIT B



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



**PROPOSED LOCATION:
COLIBRI FEDERAL #23H**

LEGEND:
● EXISTING WELLS

SCALE: 1" = 2000'
DRAWN BY: J.M.C.
DATE DRAWN: 01/17/2014

REVISED: 02-12-14



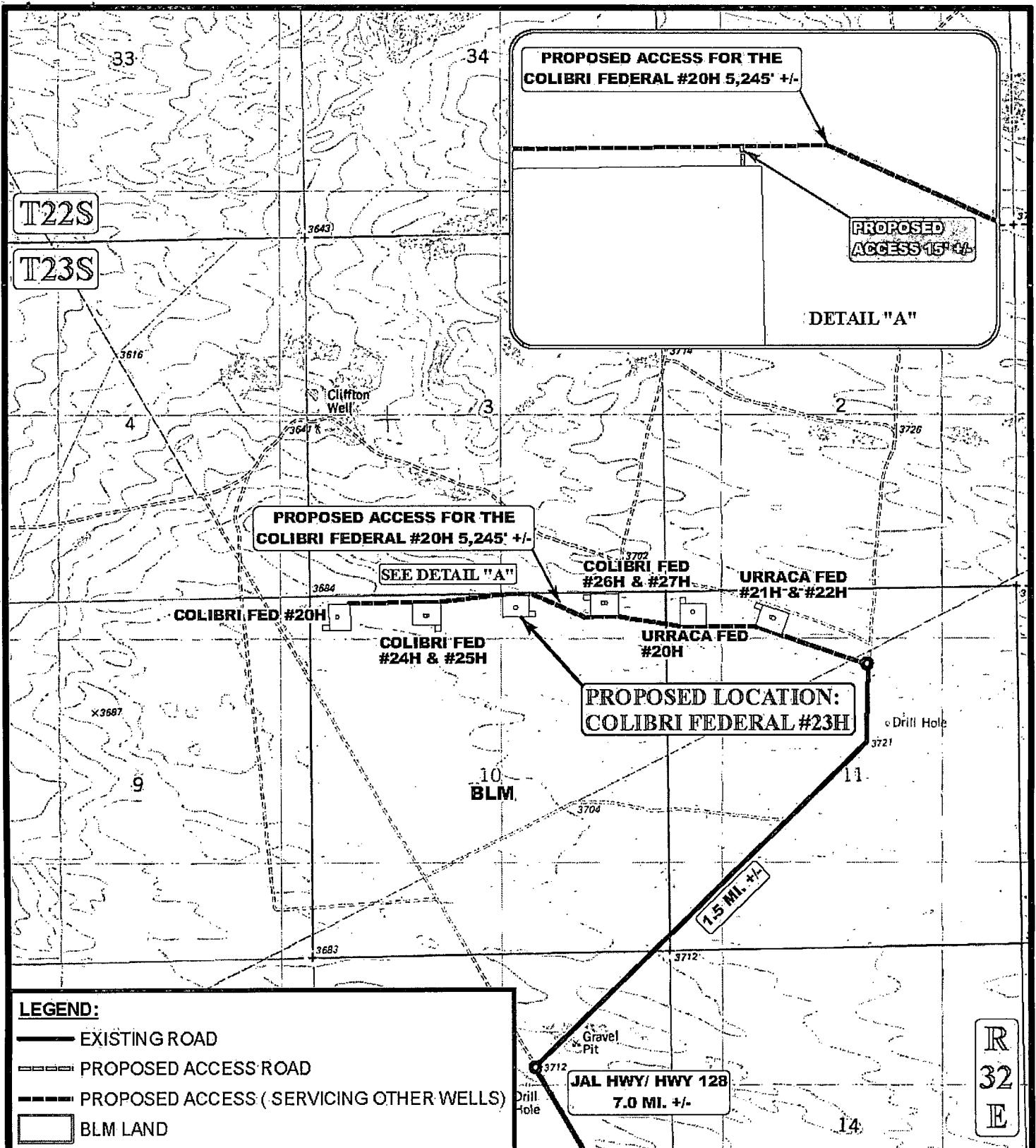
CIMAREX CIMAREX ENERGY CO.

**COLIBRI FEDERAL #23H
SECTION 10, T23S, R32E, N.M.P.M.
230' FNL 2200' FEL**

USGS TOPOGRAPHIC MAP **EXHIBIT C**



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



LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- PROPOSED ACCESS (SERVICING OTHER WELLS)
- BLM LAND

*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.

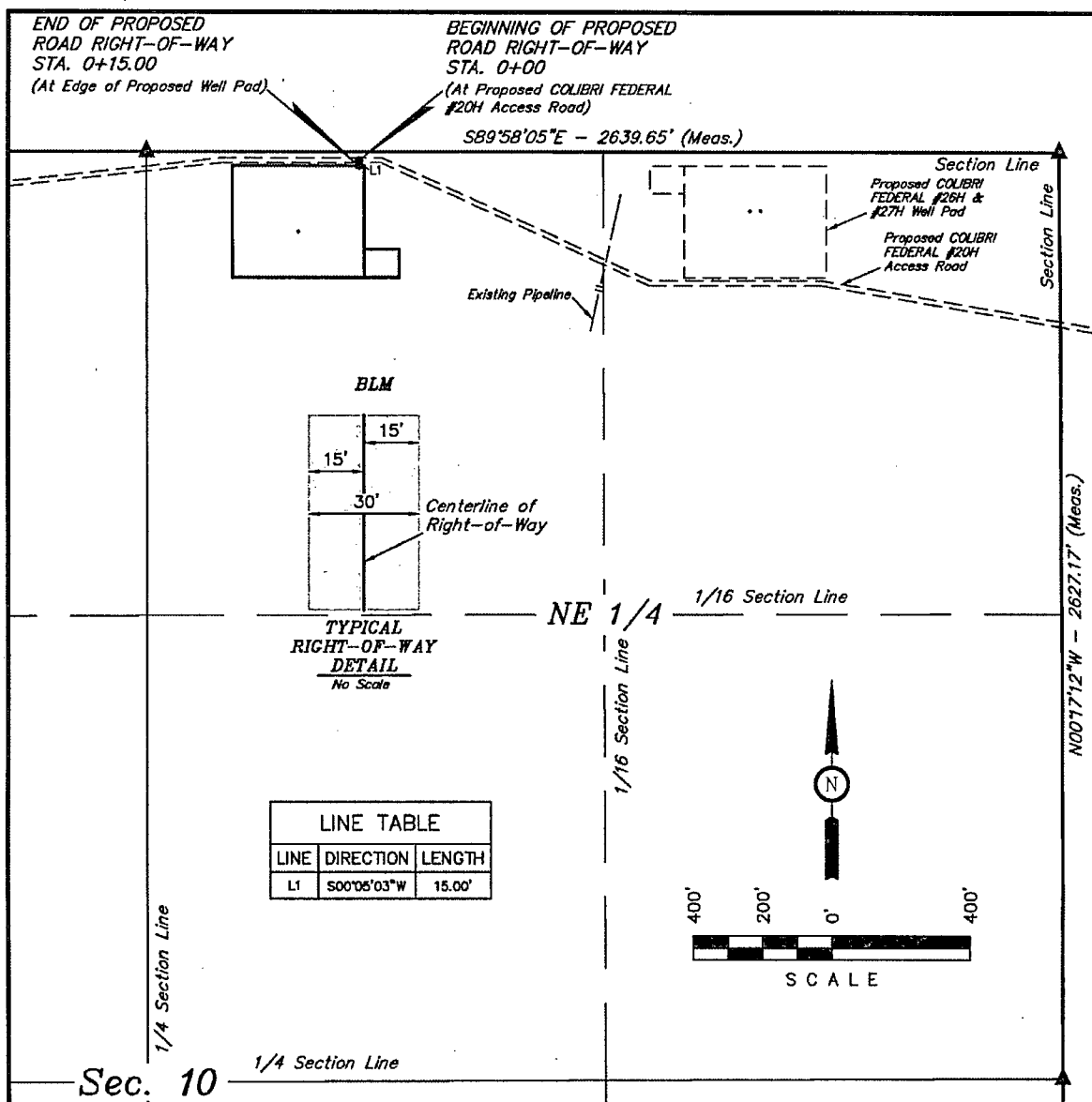
**COLIBRI FEDERAL #23H
SECTION 10, T23S, R32E, N.M.P.M.
230' FNL 2200' FEL**

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 10, T23S, R32E, N.M.P.M., WHICH BEARS S87°39'23"E 616.24' FROM THE NORTH 1/4 CORNER OF SAID SECTION 10, THENCE S00°05'03"W 15.00' TO A POINT IN THE NW 1/4 NE 1/4 OF SAID SECTION 10, WHICH BEARS S86°15'51"E 617.02' 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 0.010 ACRES MORE OR LESS.

BEGINNING OF ROAD STA. 0+00 BEARS S87°39'23"E 616.24' FROM THE NORTH 1/4 CORNER OF SECTION 10, T23S, R32E, N.M.P.M.

END OF ROAD STA. 0+15.00 BEARS S86°15'51"E 617.02' FROM THE NORTH 1/4 CORNER OF SECTION 10, 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 ±0.1%.

CERTIFICATE OF PROFESSIONAL SURVEY

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. T2446
STATE OF NEW MEXICO

02-12-14



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



CIMAREX ENERGY CO.

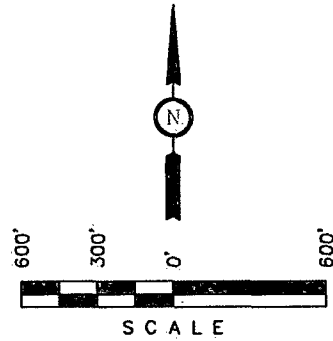
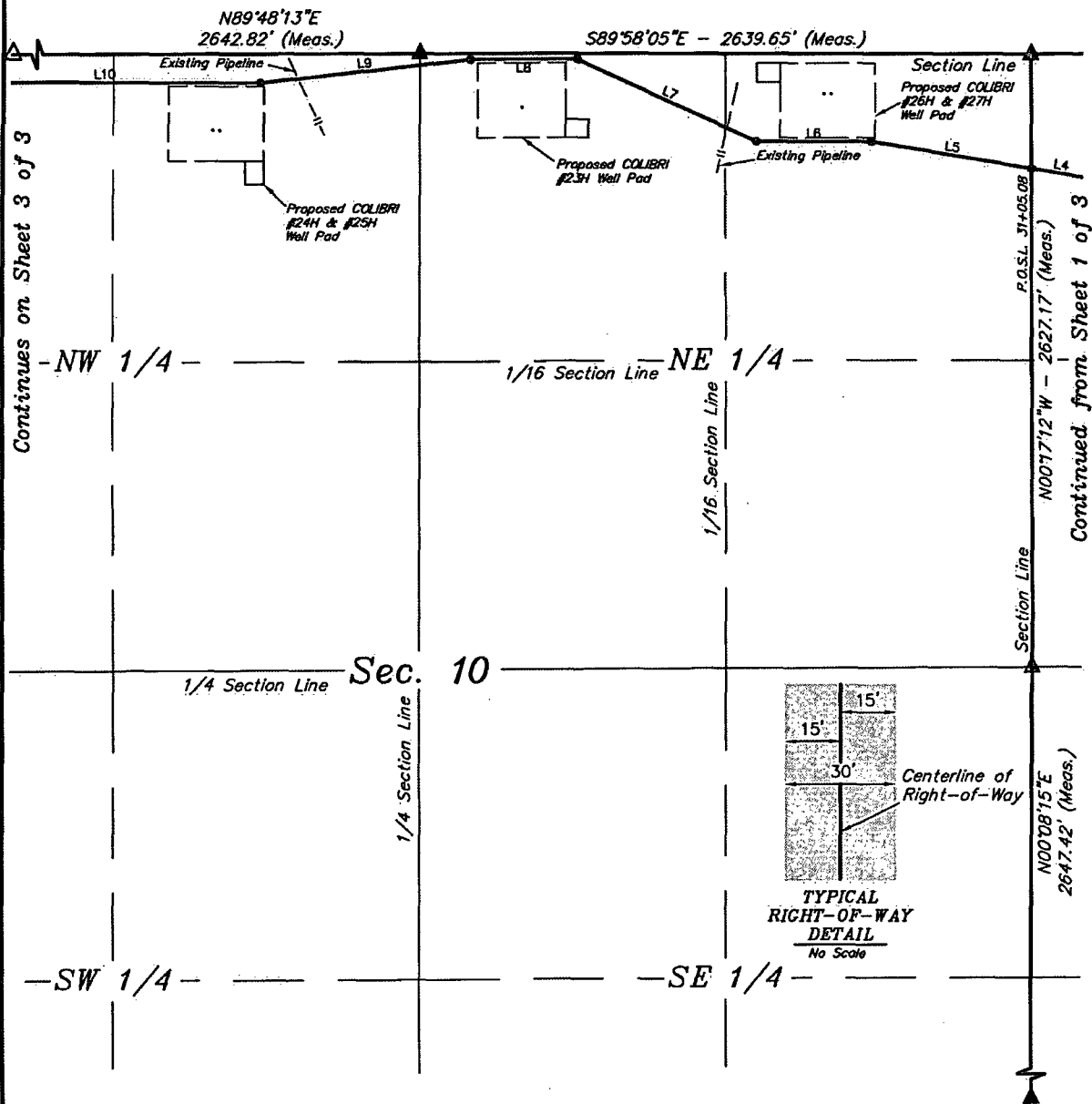
COLIBRI FEDERAL #23H
SECTION 10, T23S, R32E, N.M.P.M.
230' FNL 2200' FEL

DRAWN BY: B.D.H. SCALE: 1" = 400'

DATE: 01-16-14 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	850.26'
L8	S89°59'06"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 PLATS WERE 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
 MEXICO
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 12448
 STATE OF NEW MEXICO 02-12-14

- ▲ = 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%.

CIMAREX ENERGY CO.

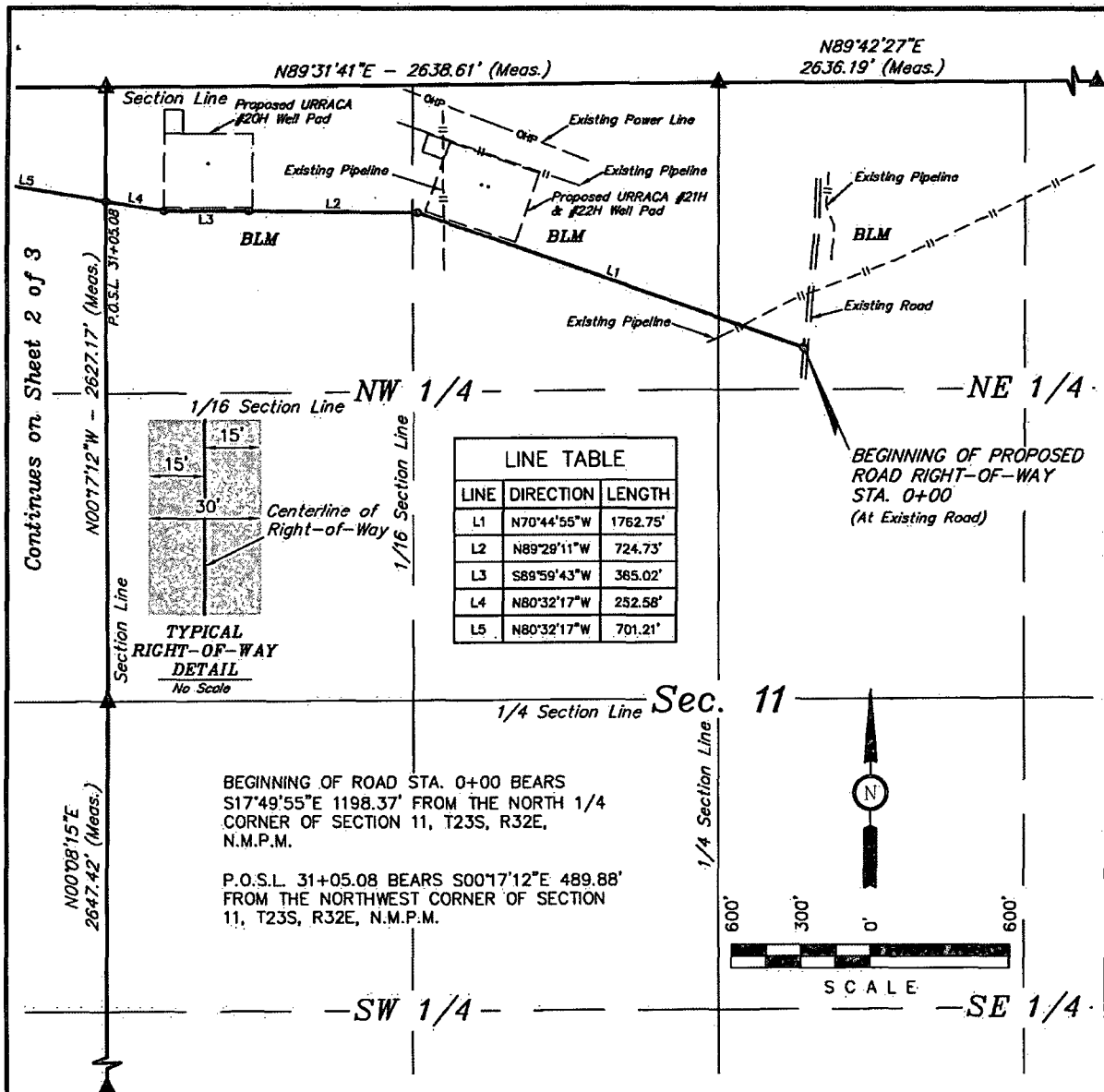
COLIBRI FEDERAL #20H
 SECTION 10, T23S, R32E, N.M.P.M.
 321' FNL 439' FWL

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



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°59'08"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%.

CERTIFICATION

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
STATE OF NEW MEXICO 02-12-14

Sheet 1 of 3



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CIMAREX ENERGY CO.

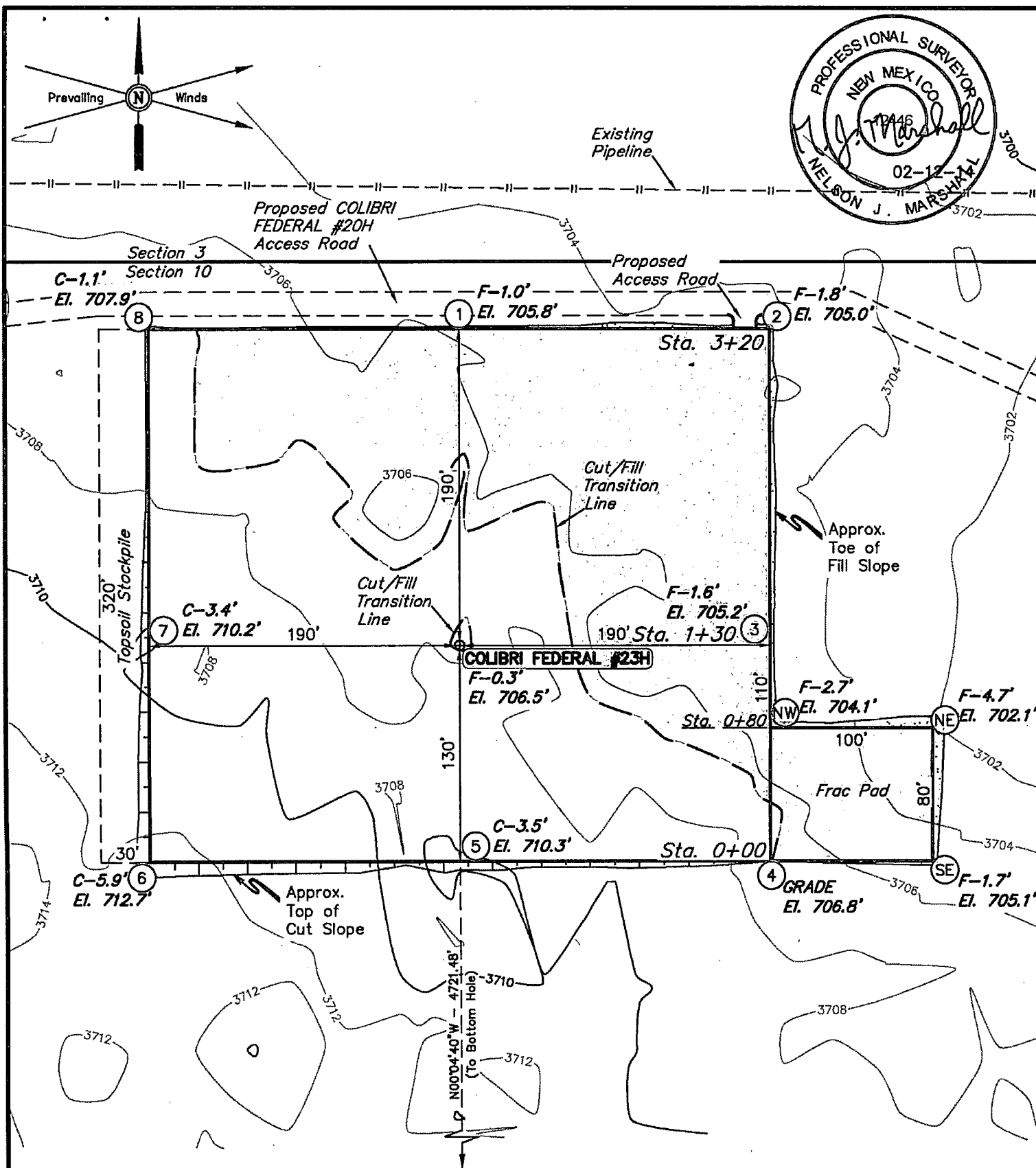
COLIBRI FEDERAL #20H
SECTION 10, T23S, R32E, N.M.P.M.
321' FNL 439' FWL

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

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

ACCESS ROAD R-O-W

EXHIBIT G-2



ELEV. UNGRADED GROUND AT LOC. STAKE = 3706.5' FINISHED GRADE ELEV. AT LOC. STAKE = 3706.8'

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 calculations require a fill of 0.3' @ the location stake. All fill is to be compacted to a minimum of 95% of the maximum dry density obtained by AASHTO method t-99.



CIMAREX ENERGY CO.

COLIBRI FEDERAL #23H
SECTION 10, T23S, R32E, N.M.P.M.
230' FNL 2200' FEL

DRAWN BY: B.D.H.

SCALE: 1" = 80'

DATE: 01-16-14

REVISED: 02-12-14

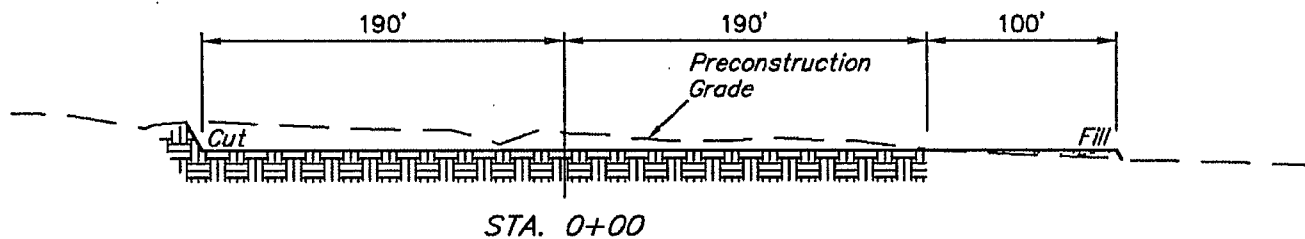
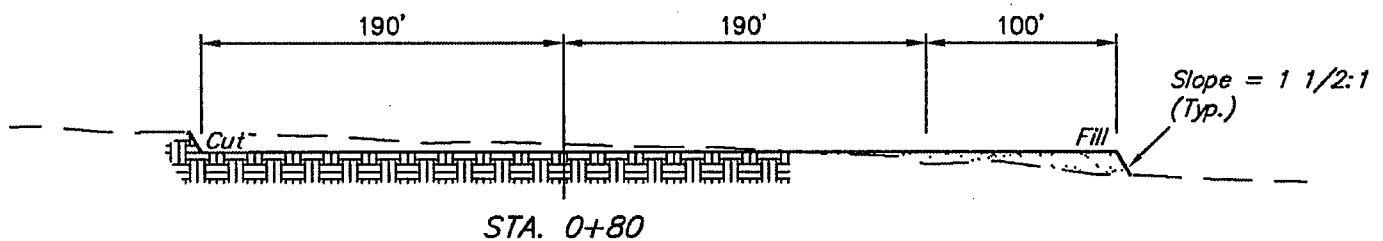
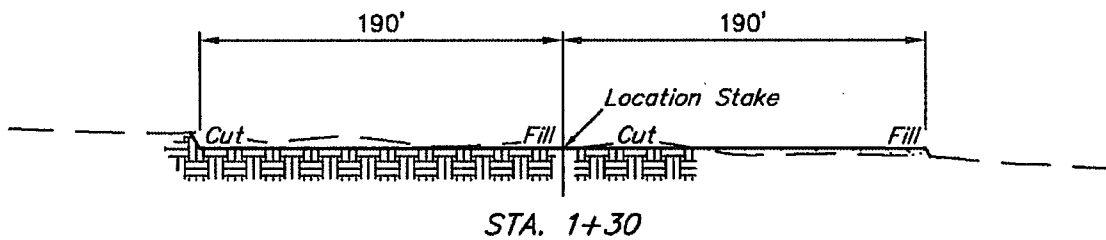
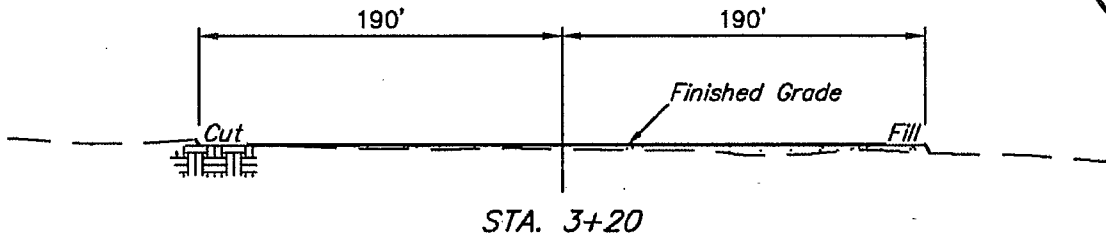
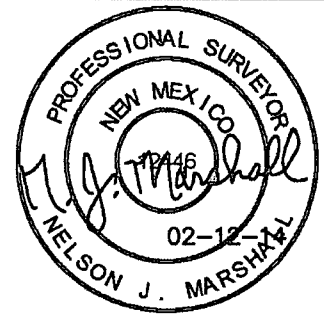
LOCATION LAYOUT

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	3,700 Cu. Yds.	WELL SITE DISTURBANCE	NA	±3.267
TOTAL CUT	4,950 Cu. Yds.	ACCESS ROAD DISTURBANCE	±15.00'	±0.010
FILL	3,700 Cu. Yds.	FLOW LINE DISTURBANCE	±35.08'	±0.008
EXCESS MATERIAL	1,250 Cu. Yds.			
TOPSOIL	1,250 Cu. Yds.			
EXCESS UNBALANCE (After Interim Rehabilitation)	0 Cu. Yds.	TOTAL DISTURBANCE	±50.08'	±3.285

NOTES:

- Fill quantity includes 5% for compaction.



CIMAREX ENERGY CO.

COLIBRI FEDERAL #23H
SECTION 10, T23S, R32E, N.M.P.M.
230' FNL 2200' FEL



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

DRAWN BY: B.D.H.

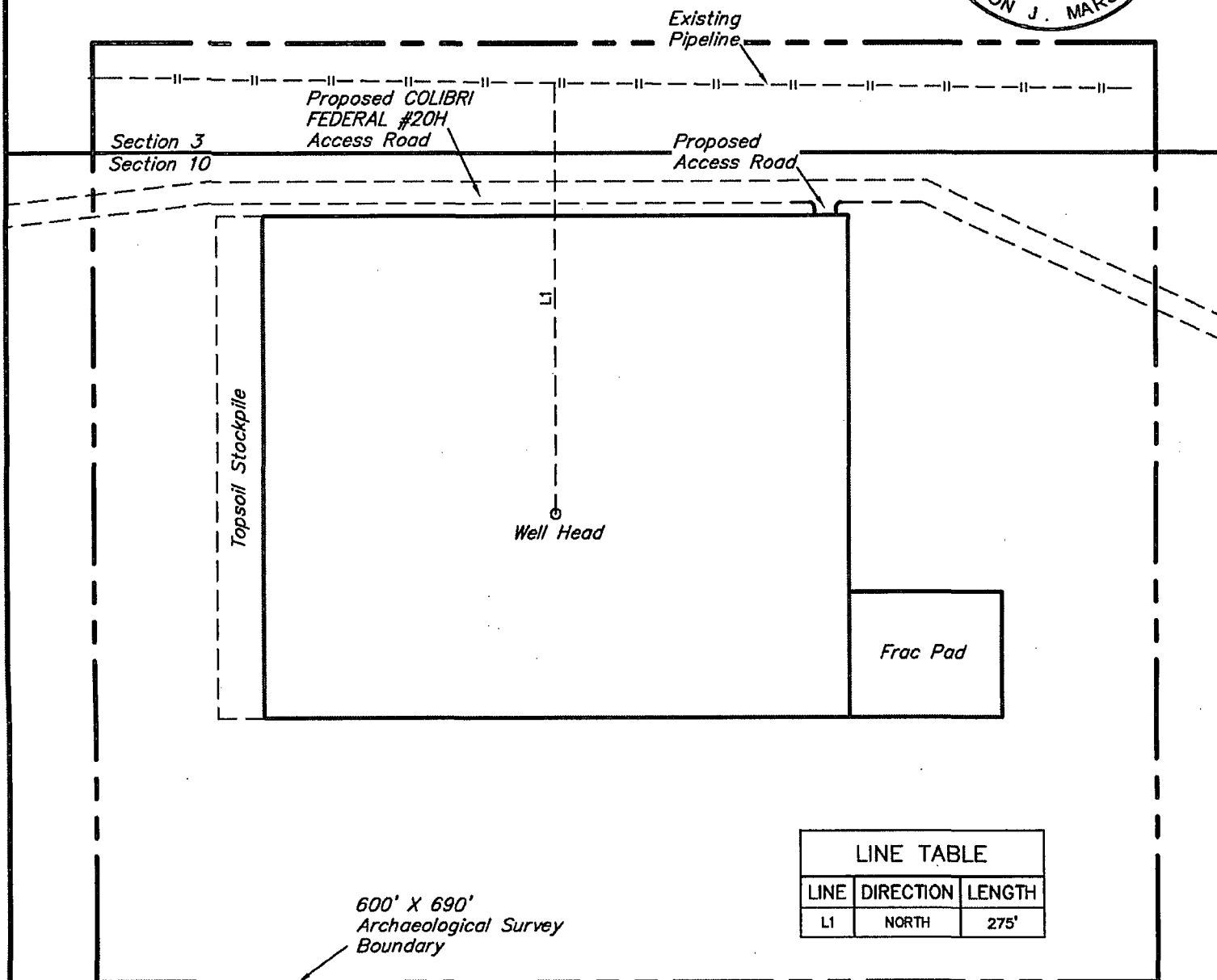
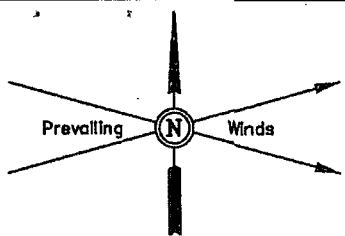
SCALE: AS SHOWN

DATE: 01-16-14

REVISED: 02-12-14

TYPICAL CROSS SECTIONS

EXHIBIT D



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	NORTH	275'

NOTES:



CIMAREX ENERGY CO.

COLIBRI FEDERAL #23H
SECTION 10, T23S, R32E, N.M.P.M.
230' FNL 2200' FEL

DRAWN BY: B.D.H.

SCALE: 1" = 100'

DATE: 01-16-14

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 FOR THE COLIBRI FEDERAL #20H TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY, THEN WESTERLY DIRECTION APPROXIMATELY 5,245' TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY 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 9.5 MILES.

DRAWN BY: J.M.C.	REVISED: 02-12-14
DATE DRAWN: 01/17/2014	



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Vernal, UT 84078 * (435) 789-1017

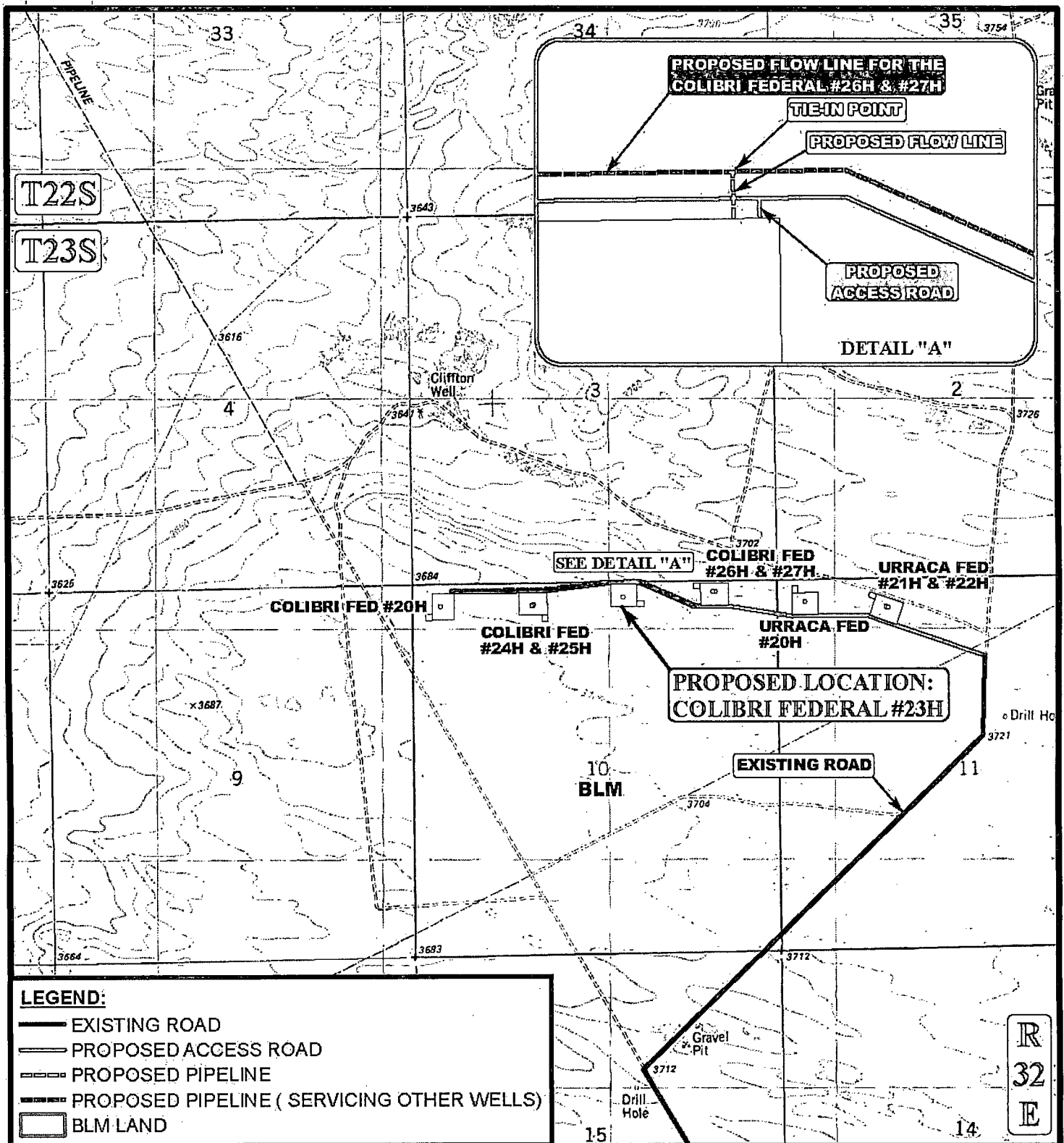


CIMAREX ENERGY CO.

COLIBRI FEDERAL #23H
SECTION 10, T23S, R32E, N.M.P.M.
230' FNL 2200' FEL

ROAD DESCRIPTION

EXHIBIT J



LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)
- BLM LAND

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 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.

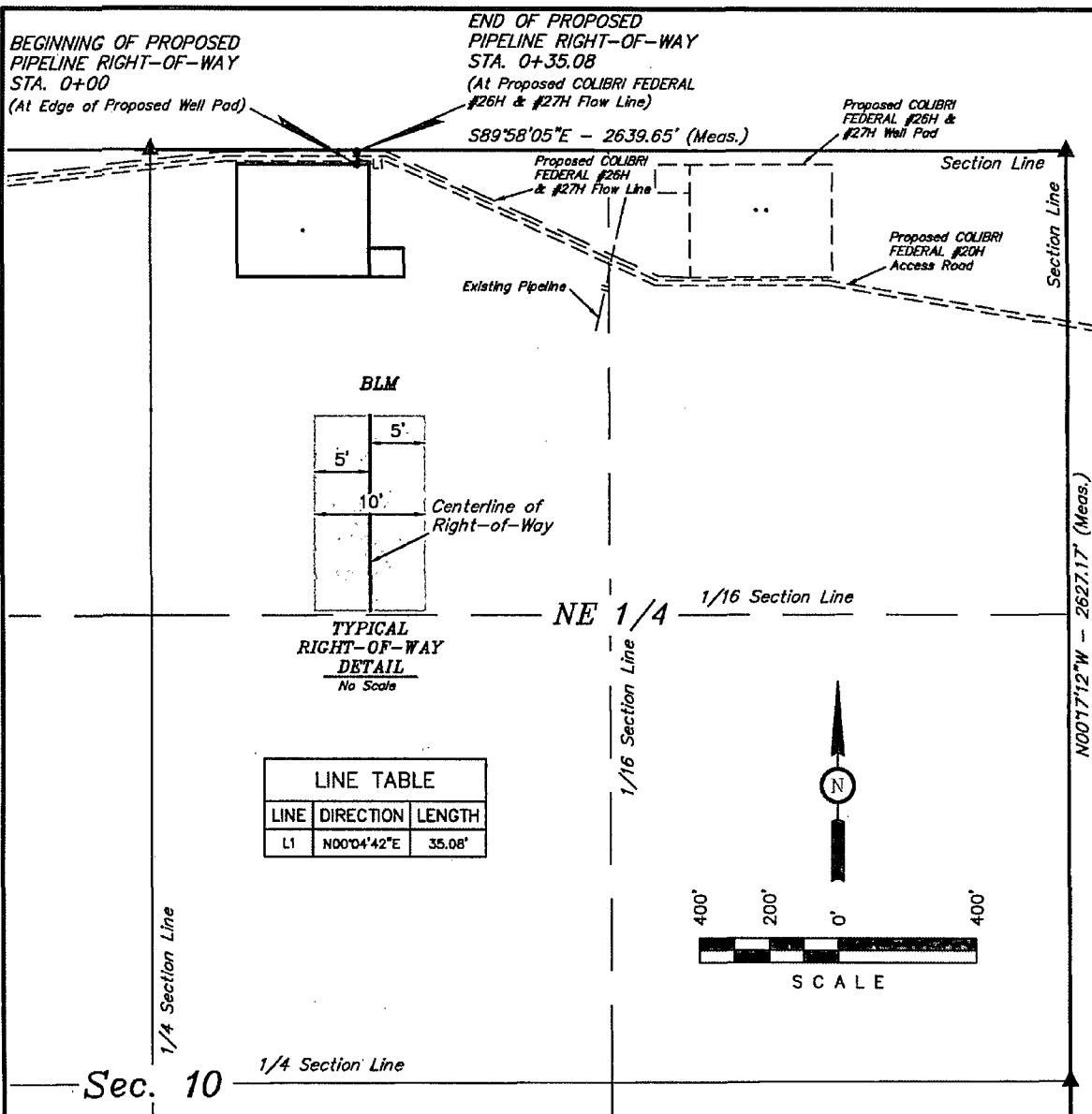
**COLIBRI FEDERAL #23H
SECTION 10, T23S, R32E, N.M.P.M.
230' FNL 2200' FEL**

FLOW LINE MAP

EXHIBIT C



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



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 10, T23S, R32E, N.M.P.M., WHICH BEARS S86°08'11"E 597.08' FROM THE NORTH 1/4 CORNER OF SAID SECTION 10, THENCE N00°04'42"E 35.08' TO A POINT IN THE NW 1/4 NE 1/4 OF SAID SECTION 10, WHICH BEARS S89°30'16"E 595.79' 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 0.008 ACRES MORE OR LESS.

BEGINNING OF FLOW LINE STA. 0+00 BEARS S86°08'11"E 597.08' FROM THE NORTH 1/4 CORNER OF SECTION 10, T23S, R32E, N.M.P.M.

END OF FLOW LINE STA. 0+35.08 BEARS S89°30'16"E 595.79' FROM THE NORTH 1/4 CORNER OF SECTION 10, T23S, R32E, N.M.P.M.

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

▲ = SECTION CORNERS LOCATED.

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

NOTES:



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 Vernal, UT 84078 * (435) 789-1017



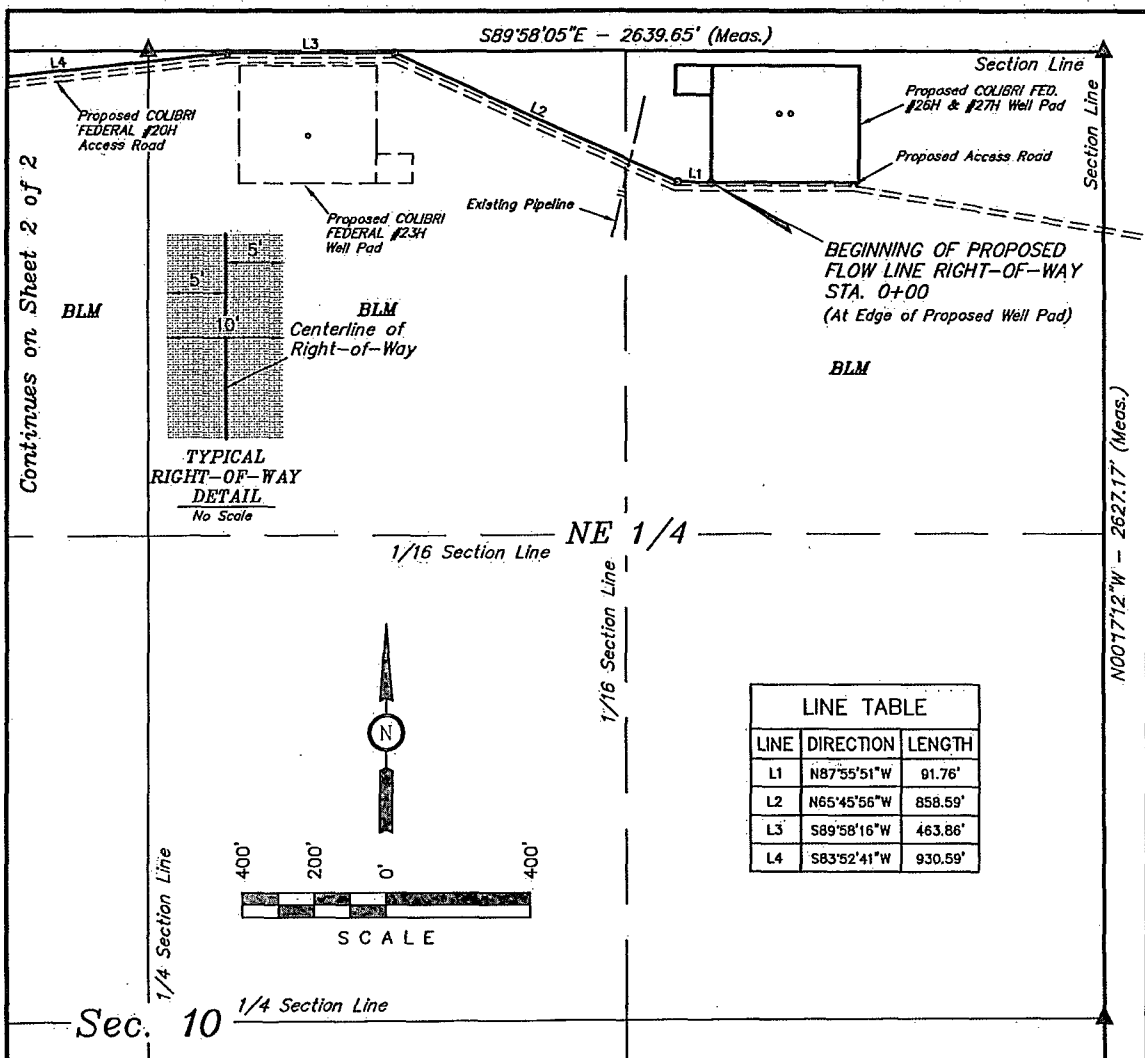
CIMAREX ENERGY CO.

COLIBRI FEDERAL #23H
 SECTION 10, T23S, R32E, N.M.P.M.
 230' FNL 2200' FEL

DRAWN BY: B.D.H. SCALE: 1" = 400'
 DATE: 01-16-14 REVISED: 02-12-14

FLOW LINE R-O-W

EXHIBIT C-4



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 NE 1/4 NE 1/4 OF SECTION 10, T23S; R32E, N.M.P.M., WHICH BEARS S71°39'35"W 1142.29' FROM THE NORTHEAST CORNER OF SAID SECTION 10, THENCE N87°55'51"W 91.76'; THENCE N65°45'56"W 858.59'; THENCE S89°58'16"W 463.86'; THENCE S83°52'41"W 930.59'; THENCE N89°57'51"W 1339.97'; THENCE N00°06'11"E 35.00' TO A POINT IN THE NW 1/4 NW 1/4 OF SAID SECTION 10, WHICH BEARS S86°07'24"W 2053.12' 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 0.854 ACRES MORE OR LESS.

BEGINNING OF FLOW LINE STA. 0+00 BEARS S71°39'35"W 1142.29' FROM THE NORTHEAST CORNER OF SECTION 10, T23S, R32E, N.M.P.M.

RIGHT-OF-WAY LENGTHS			
DESCRIPTION	FEET	ACRES	RODS
NE 1/4, SEC. 10	1632.32	0.375	98.93
NW 1/4, SEC. 10	2087.45	0.479	126.51
TOTAL	3719.77	0.854	225.44

▲ = SECTION CORNERS LOCATED.

CERTIFICATE OF PROFESSIONAL SURVEY

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. 12446
STATE OF NEW MEXICO

02-12-14
Sheet 1 of 2

NOTES:



CIMAREX ENERGY CO.

Colibri Federal

DRAWN BY: B.D.H.

SCALE: 1" = 400'

DATE: 02-03-14

REVISED: 02-12-14

FLOW LINE R-O-W

EXHIBIT G-1



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

