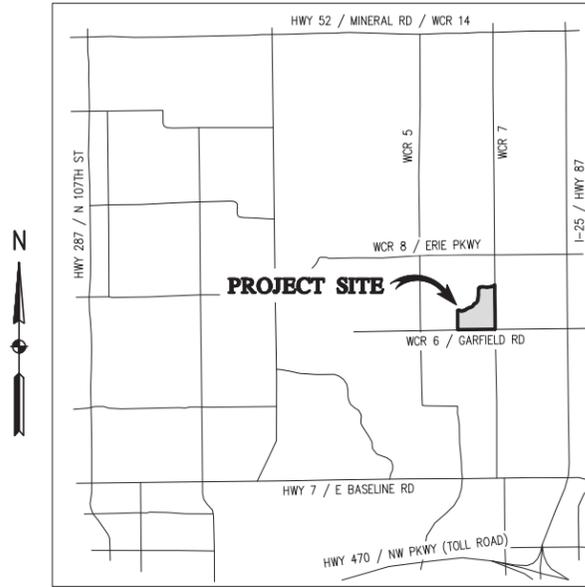


Appendix 1: Engineering Drawings

ENCANA OIL & GAS (USA) INC. LIQUIDS HANDLING HUB

A PARCEL OF LAND LOCATED IN THE EAST HALF OF SECTION 21,
TOWNSHIP 1 NORTH, RANGE 68 WEST OF THE 6TH P.M.
WELD COUNTY, COLORADO
USR AREA ± 136.754 ACRES (GROSS), ± 132.748 ACRES (NET)
USE BY SPECIAL REVIEW - USR-14-XXX

WELD COUNTY NOTES:



VICINITY MAP
NOT TO SCALE

PROPERTY DESCRIPTION:
LAND USE: COMMERCIAL/INDUSTRIAL
ZONING: AG A

PARCEL DESCRIPTION:

A PARCEL OF LAND BEING LOCATED IN THE EAST HALF OF SECTION 21, TOWNSHIP 1 NORTH, RANGE 68 WEST OF THE 6TH P.M., COUNTY OF WELD, STATE OF COLORADO.

BASIS OF BEARINGS: ASSUMING THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 21, TOWNSHIP 1 NORTH, RANGE 68 WEST OF THE 6TH PRINCIPAL MERIDIAN, AS MONUMENTED BY A NO. 6 REBAR WITH A 2 INCH ALUMINUM CAP MARKED "LS 25937 1995" AT THE SOUTHEAST CORNER OF SAID SECTION 21 AND A NO. 6 REBAR WITH A 3-1/4 INCH ALUMINUM CAP MARKED "LS 13155 1998" AT THE SOUTH QUARTER CORNER OF SAID SECTION 21 TO BEAR S 89°23'58" W, A DISTANCE OF 2684.63 FEET WITH ALL BEARINGS CONTAINED HEREIN RELATIVE THERETO.

BEGINNING AT THE SOUTHEAST CORNER OF SAID SECTION 21:

THENCE S 89°23'58" W ALONG SAID SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 21 A DISTANCE OF 2,684.63 FEET TO THE SOUTH QUARTER CORNER OF SAID SECTION 21;

THENCE N 0°18'05" W ALONG THE WEST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 21 A DISTANCE OF 1,375.13 FEET TO THE SOUTHERLY LINE OF THE 50 FOOT WIDE DITCH PARCEL AS DESCRIBED IN BOOK 63 AT PAGE 464;

THENCE ALONG SAID SOUTHERLY LINE THE FOLLOWING THIRTY TWO (32) COURSES:

- 1) N 76°04'29" E A DISTANCE OF 35.42 FEET TO A POINT OF CURVE;
- 2) ALONG THE ARC OF A TANGENT CURVE TO THE RIGHT, HAVING A CENTRAL ANGLE OF 35°56'55", A RADIUS OF 225.00 FEET AND AN ARC LENGTH OF 141.17 FEET;
- 3) S 67°58'36" E A DISTANCE OF 47.24 FEET TO A POINT OF CURVE;
- 4) ALONG THE ARC OF A TANGENT CURVE TO THE LEFT, HAVING A CENTRAL ANGLE OF 33°20'04", A RADIUS OF 195.00 FEET AND AN ARC LENGTH OF 113.45 FEET;
- 5) N 78°41'20" E A DISTANCE OF 119.10 FEET TO A POINT OF CURVE;
- 6) ALONG THE ARC OF A TANGENT CURVE TO THE LEFT, HAVING A CENTRAL ANGLE OF 21°33'51", A RADIUS OF 250.00 FEET AND AN ARC LENGTH OF 94.09 FEET;
- 7) N 57°07'30" E A DISTANCE OF 139.10 FEET TO A POINT OF CURVE;
- 8) ALONG THE ARC OF A TANGENT CURVE TO THE RIGHT, HAVING A CENTRAL ANGLE OF 12°52'09", A RADIUS OF 875.00 FEET AND AN ARC LENGTH OF 196.53 FEET;
- 9) N 69°59'39" E A DISTANCE OF 171.86 FEET TO A POINT OF CURVE;
- 10) ALONG THE ARC OF A TANGENT CURVE TO THE LEFT, HAVING A CENTRAL ANGLE OF 36°47'55", A RADIUS OF 250.00 FEET AND AN ARC LENGTH OF 160.56 FEET;
- 11) N 33°11'43" E A DISTANCE OF 111.17 FEET TO A POINT OF CURVE;
- 12) ALONG THE ARC OF A TANGENT CURVE TO THE RIGHT, HAVING A CENTRAL ANGLE OF 23°52'12", A RADIUS OF 100.00 FEET AND AN ARC LENGTH OF 41.66 FEET;
- 13) N 57°50'12" E A DISTANCE OF 48.34 FEET;
- 14) N 62°05'05" E A DISTANCE OF 50.62 FEET TO A POINT OF CURVE;
- 15) ALONG THE ARC OF A TANGENT CURVE TO THE LEFT, HAVING A CENTRAL ANGLE OF 45°35'42", A RADIUS OF 285.00 FEET AND AN ARC LENGTH OF 226.80 FEET;

- 16) N 16°29'24" E A DISTANCE OF 29.52 FEET TO A POINT OF CURVE;
- 17) ALONG THE ARC OF A TANGENT CURVE TO THE LEFT, HAVING A CENTRAL ANGLE OF 05°50'26", A RADIUS OF 1,275.00 FEET AND AN ARC LENGTH OF 129.97 FEET;
- 18) N 10°38'58" E A DISTANCE OF 50.93 FEET TO A POINT OF CURVE;
- 19) ALONG THE ARC OF A TANGENT CURVE TO THE LEFT, HAVING A CENTRAL ANGLE OF 09°38'04", A RADIUS OF 1,125.00 FEET AND AN ARC LENGTH OF 189.17 FEET;
- 20) N 01°00'54" E A DISTANCE OF 268.94 FEET;
- 21) N 01°41'27" E A DISTANCE OF 90.64 FEET;
- 22) N 05°41'21" E A DISTANCE OF 105.16 FEET TO A POINT OF CURVE;
- 23) ALONG THE ARC OF A TANGENT CURVE TO THE RIGHT, HAVING A CENTRAL ANGLE OF 46°45'36", A RADIUS OF 115.00 FEET AND AN ARC LENGTH OF 93.85 FEET;
- 24) N 52°28'57" E A DISTANCE OF 22.72 FEET TO A POINT OF CURVE;
- 25) ALONG THE ARC OF A TANGENT CURVE TO THE RIGHT, HAVING A CENTRAL ANGLE OF 22°53'26", A RADIUS OF 175.00 FEET AND AN ARC LENGTH OF 69.91 FEET;
- 26) N 75°20'23" E A DISTANCE OF 6.27 FEET TO A POINT OF CURVE;
- 27) ALONG THE ARC OF A TANGENT CURVE TO THE RIGHT, HAVING A CENTRAL ANGLE OF 20°51'49", A RADIUS OF 515.00 FEET AND AN ARC LENGTH OF 187.53 FEET;
- 28) S 83°47'48" E A DISTANCE OF 212.21 FEET TO A POINT OF CURVE;
- 29) ALONG THE ARC OF A TANGENT CURVE TO THE LEFT, HAVING A CENTRAL ANGLE OF 13°34'39", A RADIUS OF 575.00 FEET AND AN ARC LENGTH OF 136.26 FEET;
- 30) N 82°37'33" E A DISTANCE OF 226.27 FEET TO A POINT OF CURVE;
- 31) ALONG THE ARC OF A TANGENT CURVE TO THE LEFT, HAVING A CENTRAL ANGLE OF 31°10'54", A RADIUS OF 425.00 FEET AND AN ARC LENGTH OF 231.30 FEET;
- 32) N 51°26'38" E A DISTANCE OF 69.90 FEET TO THE EAST LINE OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 21.

THENCE S 00°29'40" E ALONG SAID EAST LINE OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 21 A DISTANCE OF 530.70 FEET TO THE EAST QUARTER CORNER OF SAID SECTION 21;

THENCE S 00°30'05" E ALONG THE EAST LINE OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 21 A DISTANCE OF 1,322.14 FEET TO THE SOUTH SIXTEENTH CORNER COMMON TO SECTIONS 21 AND 22;

THENCE S 00°30'05" E ALONG THE EAST LINE OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 21 A DISTANCE OF 1,322.08 FEET TO THE POINT OF BEGINNING;

SUBJECT TO THE RIGHTS-OF-WAY FOR COUNTY ROAD NUMBERS 6 AND 7 AS DESCRIBED AT BOOK 86, PAGE 273.

SAID DESCRIBED PARCEL OF LAND CONTAINS 5,957,023 SQ. FT. OR 136.754 ACRES (GROSS) AND 5,782,490 SQ. FT. OR 132.748 ACRES (NET), MORE OR LESS.

PLANNING COMMISSION CERTIFICATION:

THIS IS TO CERTIFY THAT THE WELD COUNTY PLANNING COMMISSION HAS CERTIFIED AND DOES HEREBY RECOMMEND TO THE BOARD OF COUNTY COMMISSIONERS, WELD COUNTY, COLORADO, FOR ITS CONFIRMATION, APPROVAL AND ADOPTION THIS SITE SPECIFIC DEVELOPMENT PLAN AND USE BY SPECIAL REVIEW AS SHOWN AND DESCRIBED HEREON THIS ____ DAY OF _____, 20__.

CHAIR, WELD COUNTY PLANNING COMMISSION

BOARD OF COUNTY COMMISSIONERS CERTIFICATION:

THIS IS TO CERTIFY THAT THE BOARD OF COUNTY COMMISSIONERS, WELD COUNTY, COLORADO, DOES HEREBY CONFIRM AND ADOPT THIS SITE SPECIFIC DEVELOPMENT PLAN AND USE BY SPECIAL REVIEW AND DEVELOPMENT STANDARDS AS SHOWN AND DESCRIBED HEREON THIS ____ DAY OF _____, 20__.

CHAIR, BOARD OF COUNTY COMMISSIONERS

ATTEST:

WELD COUNTY CLERK TO THE BOARD

BY:

DEPUTY CLERK TO THE BOARD

PROPERTY OWNER'S CERTIFICATION:

THE UNDERSIGNED MAJOR PROPERTY OWNER(S) DO HEREBY AGREE TO THE SITE SPECIFIC DEVELOPMENT PLAN AND USE BY SPECIAL REVIEW DEVELOPMENT STANDARDS AS DESCRIBED HEREON THIS ____ DAY OF _____, 20__.

PROPERTY OWNER

CONTACTS	
APPLICANT	ENCANA OIL & GAS (USA) INC. MIRACLE PFISTER LEAD REGULATORY ANALYST 370 17th STREET SUITE 400 DENVER, CO 80202 (720) 876-3761
OWNER	SWINK FAMILY FARMS LLLP 37153 DICKERSON RUN SEVERENCE, CO 80550
WELD COUNTY PLANNING DEPARTMENT	KIM OGLE 1555 N 17TH AVE GREELEY, COLORADO 80631 (970) 353-6100 X3540
WELD COUNTY SHERIFFS DEPARTMENT	JOHN COOKE WELD COUNTY SHERIFF (970) 356-4000 OR 911
MOUNTAIN VIEW FIRE PROTECTION DISTRICT	9119 EAST COUNTY LINE ROAD LONGMONT, CO 80501 (303) 772-0710 OR 911
COLORADO OIL & GAS CONSERVATION COMMISSION	(303) 894-2100
ENVIRONMENTAL PROTECTION AGENCY REGION VIII	(303) 293-1788 (800) 277-8914
CDOT	GLORIA HICE-IDLER 1420 2ND STREET GREELEY, COLORADO 80631 (970) 350-2148
ATMOS ENERGY	JERRY ADAMS P.O. BOX 1200 GREELEY, CO. 80631 (970) 304-2075
CENTURYLINK COMMUNICATIONS	12680 WCR 58 GREELEY COLORADO 80634 (970) 350-2941
XCEL ENERGY	TERRY STENCEL 1500 6TH AVE GREELEY CO, 80631 CONTACT

SOIL CLASSIFICATION:

NUNN LOAM; 1-3% SLOPES
WILEY-COLBY COMPLEX; 3-5% SLOPES

SHEET INDEX:

- U1 - COVER
- U2 - OVERALL SITE PLAN
- U3 - DETAILED SITE PLAN

ENCANA OIL & GAS (USA) INC.

LIQUIDS HANDLING HUB

PART OF SE 1/4 SECTION 21, T1N, R68W

COVER

WELD COUNTY

COLORADO

BASELINE

Engineering • Planning • Surveying

700 27th STREET SUITE 220 • GREELEY, COLORADO 80601
P. 970.350.0888 • F. 970.350.0889 • www.baselinecorp.com

REVISION DESCRIPTION

REVISION DESCRIPTION	DATE	PREPARED BY	DATE	DESIGNED BY	CHECKED BY
USR COMPLETENESS REVIEW SUBMITTAL #1	03-24-2014	LTV		LTV	NJN

FOR AND ON BEHALF OF

BASELINE CORPORATION

INITIAL SUBMITTAL

10/23/2013

DRAWING SIZE

24" X 36"

SURVEY FIRM

SURVEY DATE

BASELINE

7/23/2013

JOB NO.

226

DRAWING NAME

226-USR.dwg

SHEET

1

OF

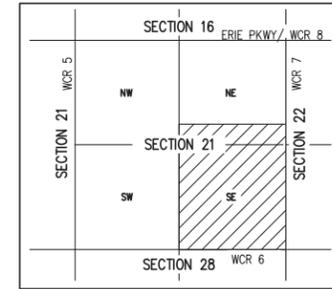
3

PRELIMINARY



ENCANA OIL & GAS (USA) INC. LIQUIDS HANDLING HUB

A PARCEL OF LAND LOCATED IN THE EAST HALF OF SECTION 21,
TOWNSHIP 1 NORTH, RANGE 68 WEST OF THE 6TH P.M.
WELD COUNTY, COLORADO
USR AREA ± 136.754 ACRES (GROSS), ± 132.748 ACRES (NET)
USE BY SPECIAL REVIEW - USR-14-XXX



LEGEND

- EXISTING WELL HEAD
- POWER POLE
- TELEPHONE PEDESTAL
- WATER METER
- SECTION LINE
- PROPERTY LINE
- SUBJECT PROPERTY LINE
- EASEMENT
- WCR RIGHT-OF-WAY
- EDGE OF EXISTING ASPHALT PAVING
- EX. OVERHEAD UTILITY
- EX. UNDERGROUND TELEPHONE
- EX. GAS LINE
- EX. FIBER OPTICS
- PROPOSED FENCE
- PROPOSED CONTAINMENT BERM
- PROPOSED PIPERACKS
- PROPOSED CRUSHED GRAVEL PAVEMENT
- PROPOSED STANDARD ASPHALT PAVEMENT
- PROPOSED HEAVY DUTY ASPHALT PAVEMENT
- PROPOSED CONCRETE PAVEMENT
- PROPOSED RIP RAP PAD
- PROPOSED CONTAINMENT LINER

NOTES:

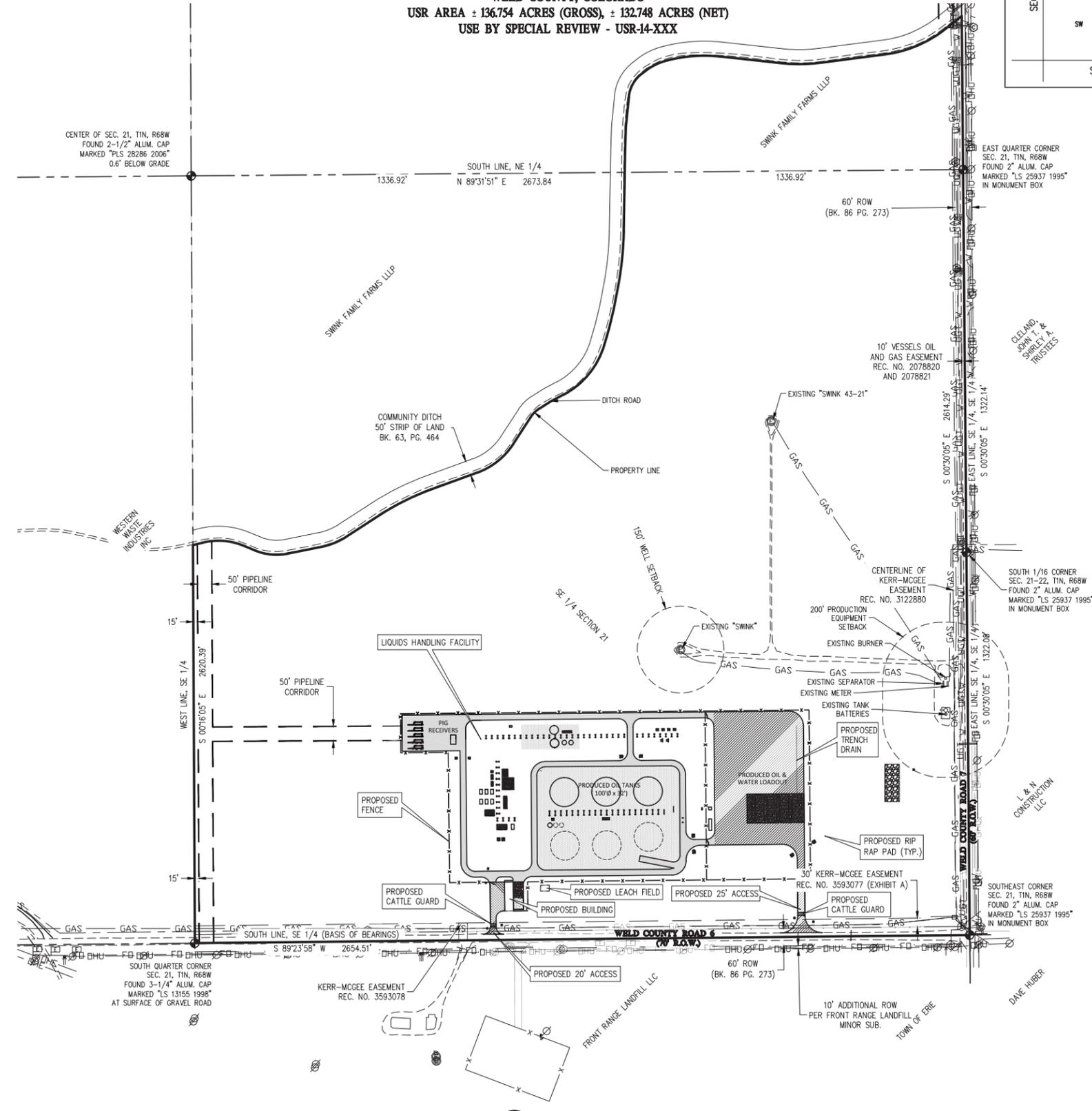
COUNTY ROAD 7 AND COUNTY ROAD 6 ARE IN THE TOWN OF ERIE LIMITS. ACCESS PERMIT TO BE OBTAINED FROM THE TOWN OF ERIE.

SURVEY NOTES:

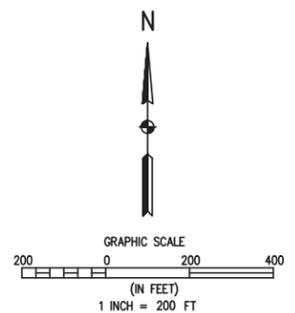
BASIS OF BEARINGS: ASSUMING THE SOUTH LINE OF THE SOUTHEAST CORNER OF SECTION 21, TOWNSHIP 1 NORTH, RANGE 68 WEST OF THE 6TH PRINCIPAL MERIDIAN, AS MONUMENTED BY A NO. 6 REBAR WITH A 3-1/4 INCH ALUMINUM CAP MARKED "LS 13155 1998" AT THE SOUTH QUARTER CORNER OF SAID SECTION 21 AND A NO. 6 REBAR WITH A 2 INCH ALUMINUM CAP MARKED "LS 25937 1995" AT THE SOUTHEAST CORNER OF SAID SECTION 21 TO BEAR S 89°23'58" W, A DISTANCE OF 2684.63 FEET WITH ALL BEARINGS CONTAINED HEREIN RELATIVE THERETO.

THE BENCHMARK USED FOR THIS SITE IS NGS MONUMENT "JR 53 5026" WHICH IS A THIRD ORDER VERTICAL MONUMENT, ELEVATION = 5028.0' (NAVD 88).

FOR SURVEY CONTROL AND DATUM INFORMATION, CONTACT BASELINE CORPORATION.



1 OVERALL SITE PLAN



BASELINE

Engineering • Planning • Surveying

700 27TH STREET, SUITE 220 • GOLDEN, COLORADO 80401
P: 303.940.9888 • F: 303.940.9889 • www.baselinecorp.com

REVISION DESCRIPTION	DATE	PREPARED BY	DATE	DESIGNED BY	CHECKED BY
USR COMPLETENESS REVIEW SUBMITTAL #1	03-24-2014	LTV	03-24-2014	LTV	NJN

ENCANA OIL & GAS (USA) INC.

WELD COUNTY

COLORADO

LIQUIDS HANDLING HUB

PART OF SE 1/4 SECTION 21, T1N, R68W

OVERALL SITE PLAN

PRELIMINARY

FOR AND ON BEHALF OF BASELINE CORPORATION

INITIAL SUBMITTAL: 10/23/2013

DRAWING SIZE: 24" X 36"

SURVEY FIRM: SURVEY DATE: 7/23/2013

BASELINE

JOB NO.: 226

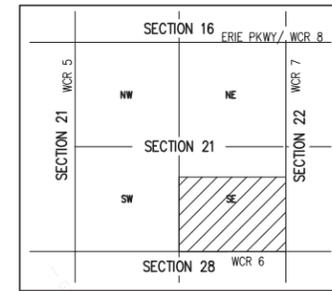
DRAWING NAME: 226-USR.dwg

SHEET 2 OF 3

U2

ENCANA OIL & GAS (USA) INC. LIQUIDS HANDLING HUB

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- PROPOSED RIP RAP PAD
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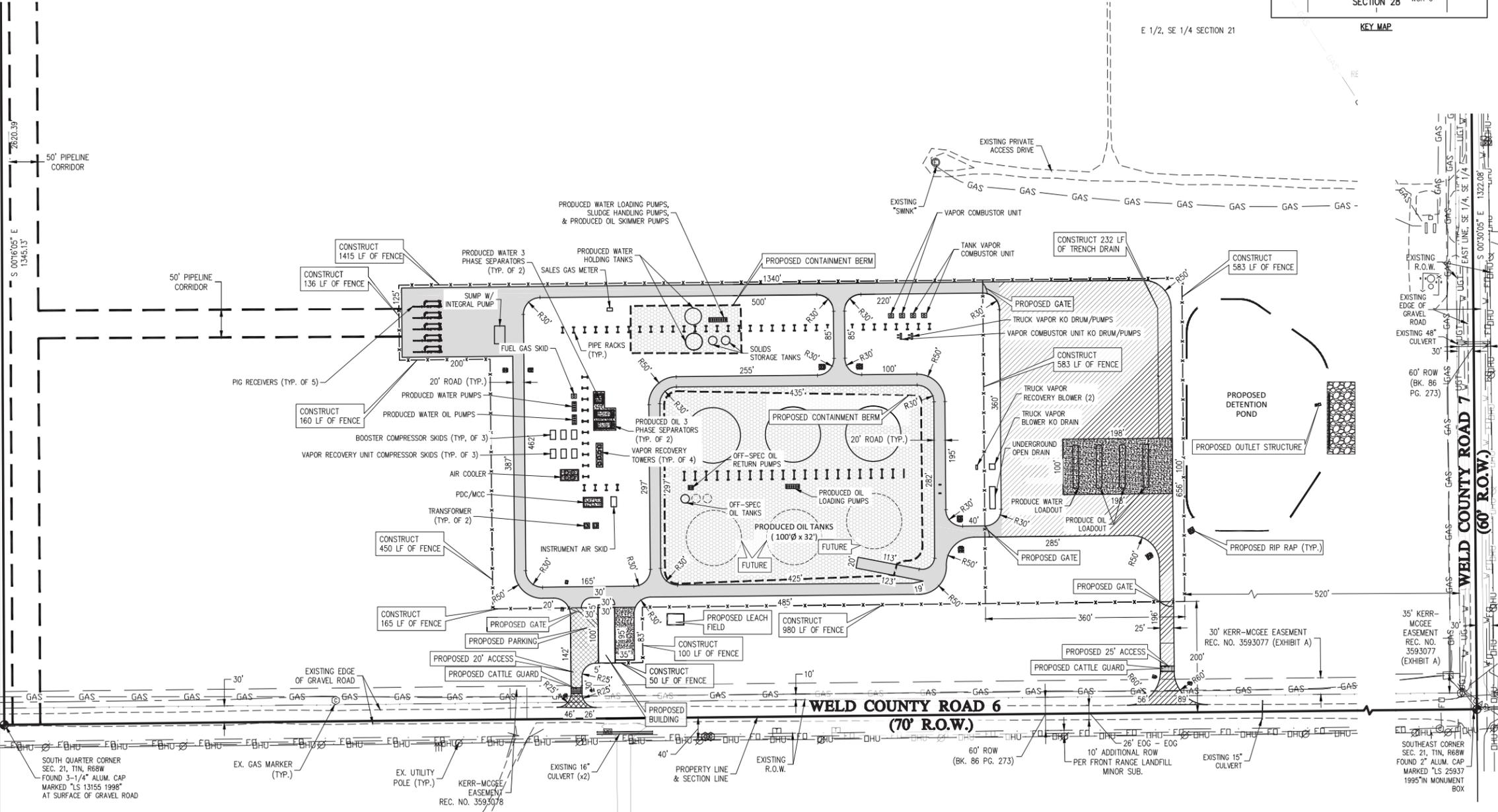
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REVISION	DESCRIPTION	DATE	PREPARED BY	CHECKED BY
1	USR COMPLETENESS REVIEW SUBMITTAL #1	03-24-2014	LTV	N.J.N.

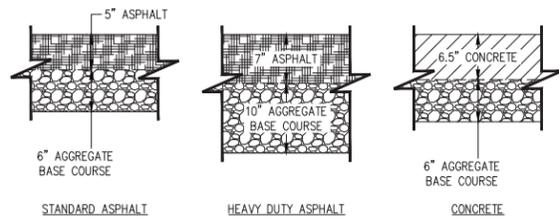
ENCANA OIL & GAS (USA) INC.
LIQUIDS HANDLING HUB
PART OF SE 1/4 SECTION 21, T1N, R68W
DETAILED SITE PLAN

WELD COUNTY
COLORADO

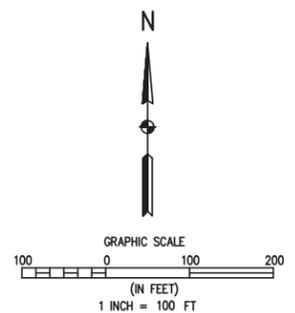
PRELIMINARY
FOR AND ON BEHALF OF
BASELINE CORPORATION
INITIAL SUBMITTAL 10/23/2013
DRAWING SIZE 24" X 36"
SURVEY FIRM SURVEY DATE
BASELINE 7/23/2013
JOB NO. 226
DRAWING NAME 226-USR.dwg
SHEET 3 OF 3
U3



1 U3 U3 DETAILED SITE PLAN



- NOTES**
- REFER TO "GEO-TECHNICAL EVALUATION, THE HUB FACILITY," DATED OCTOBER 4, 2013 FOR DETAILS AND SPECIFICATIONS OF PAVEMENT SECTIONS.
 - PROPOSED CATTLE GUARDS SHALL BE PER THE LATEST WELD COUNTY STANDARDS.
 - REFER TO ENCANA CONSTRUCTION STANDARDS AND SPECIFICATIONS FOR DETAILS OF CONTAINMENT LINER.



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