

M:\co - Well Head Staking\EXT06N67W30-02 (RANDANCE CENTER)\Drawings\MERLIN Plans.dwg, 12/14/2017 3:58:04 PM, Luke Seebler



LEGEND

EXISTING LINETYPES	PROPOSED LINETYPES	
		LOT LINE
		SECTION LINE
		MINOR CONTOUR (1' INTERVAL)
		MAJOR CONTOUR (5' INTERVAL)
		EASEMENT
		EDGE OF GRAVEL
		EDGE OF CONCRETE
		CENTERLINE OF ROAD
		FENCE
		WATER LINE
		WATER SURFACE
		DITCH FLOWLINE
		STORM SEWER

EXISTING SYMBOLS	PROPOSED SYMBOLS	
		SPOT ELEVATION
		NOMINAL SLOPE ON CUT OR FILL
		FLOW DIRECTION, %
		CONCRETE FLARED END SECTION
		RECYCLED ASPHALT ACCESS ROAD
		EXISTING GRAVEL ROAD
		POWER POLE
		SIGN

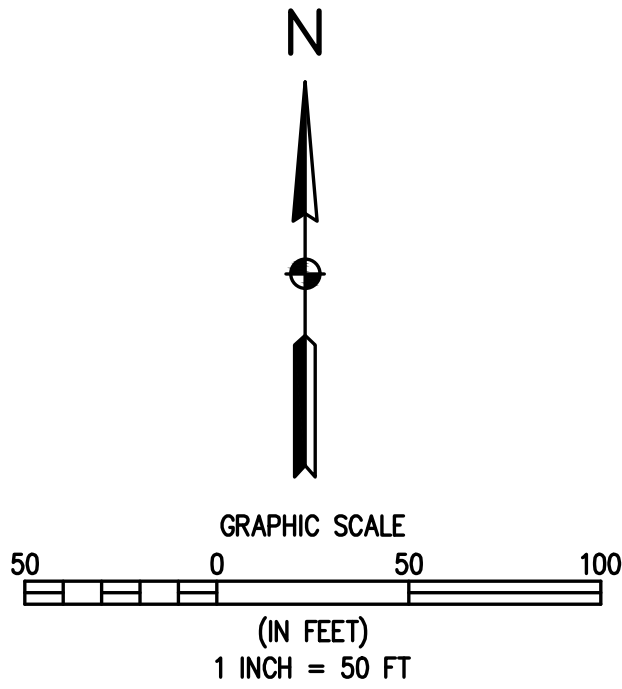
PROJECT CONTACTS:

CIVIL ENGINEER:
BASELINE ENGINEERING
AARON DEMO, PLS
(970) 383-7600
AARON@BASELINECORP.COM

CLIENT:
EXTRACTION OIL & GAS
BLANE THINGELSTAD
(720) 557-8308
EMATHEWS@EXTRACTIONOG.COM

NOTES:

1. THE APPLICANT SHALL COMPLY WITH ALL RULES AND REGULATIONS OF THE COLORADO OIL AND GAS CONSERVATION COMMISSION (COGCC).
2. THE APPLICANT SHALL COMPLY WITH ALL RULES AND REGULATIONS OF THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT (CDPHE).
3. THE APPLICANT SHALL MAINTAIN ON-GOING COMPLIANCE WITH ALL CONDITIONS OF THE TOWN AND WINDSOR-SEVERANCE FIRE RESCUE.
4. THE FACILITIES SHALL BE KEPT CLEAN AND OTHERWISE PROPERLY MAINTAINED AT ALL TIMES.
5. IF ACCESS TO THE SITE IS PROPOSED FROM A TOWN OF WINDSOR STREET, SUCH ACCESS POINT(S) SHALL REQUIRE APPROVAL FROM THE TOWN OF WINDSOR ENGINEERING DEPARTMENT AND ANY REQUIRED ACCESS IMPROVEMENTS, STREET CLEAN-UP, TRACKING PADS, ETC., SHALL BE ADDRESSED ACCORDINGLY.



1 DRILLING AND SITE IMPROVEMENTS PLAN/SITE PLAN
C3 C3



**TOWN OF WINDSOR, COLORADO
DRAWING APPROVAL**

REVIEW IS FOR GENERAL COMPLIANCE WITH
TOWN STANDARDS. NO RESPONSIBILITY
IS ASSUMED FOR CORRECTNESS OF DESIGN.

Town Engineer

Date

EXTRACTION OIL & GAS, LLC

WELD COUNTY
MERLIN
SECTION 30, TOWNSHIP 6 NORTH, RANGE 67 WEST OF THE 6TH P.M.
DRILLING AND SITE IMPROVEMENTS PLAN/SITE PLAN

PREPARED UNDER THE DIRECT
SUPERVISION OF
**PRELIMINARY
NOT FOR
CONSTRUCTION**

FOR AND ON BEHALF OF BASELINE CORPORATION	
INITIAL SUBMITTAL	XX/XX/XX
DRAWING SIZE	24" X 36"
SURVEY FIRM	SURVEY DATE
BASELINE	XX/XX/XX
JOB NO.	EXT06N67W30-02
DRAWING NAME	
MERLIN Plans.dwg	
SHEET	3 OF 5

C3

BASELINE

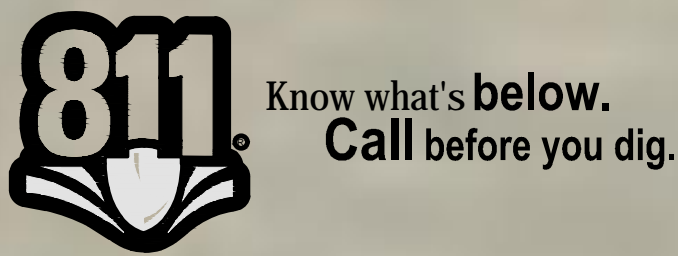
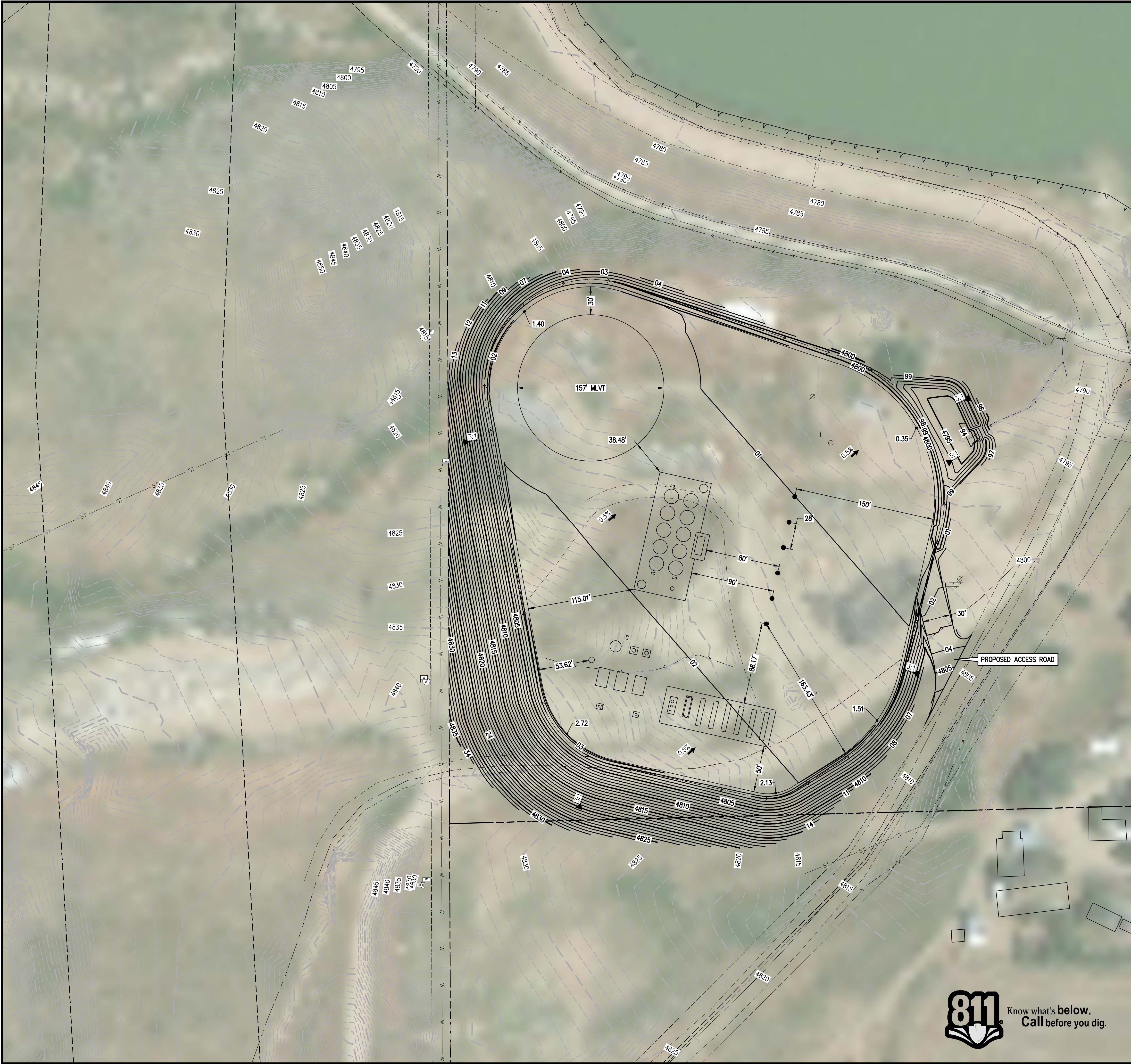
Engineering - Planning - Surveying

4007 S. LINCOLN AVENUE, SUITE 405 • LOVELAND, COLORADO 80537
P. 970.333.7600 • F. 866.679.4664 • WWW.BASELINECORP.COM

DESIGNED BY	AAD
DRAWN BY	LDS
CHECKED BY	AAD

REVISION DESCRIPTION	DATE	PREPARED BY

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LEGEND

EXISTING LINETYPES	PROPOSED LINETYPES	
		LOT LINE
		SECTION LINE
		MINOR CONTOUR (1' INTERVAL)
		MAJOR CONTOUR (5' INTERVAL)
		EASEMENT
		EDGE OF GRAVEL
		EDGE OF CONCRETE
		CENTERLINE OF ROAD
		FENCE
		WATER LINE
		WATER SURFACE
		DITCH FLOWLINE
		STORM SEWER

EXISTING SYMBOLS	PROPOSED SYMBOLS	
		SPOT ELEVATION
		NOMINAL SLOPE ON CUT OR FILL
		FLOW DIRECTION, %
		CONCRETE FLARED END SECTION
		RECYCLED ASPHALT ACCESS ROAD
		EXISTING GRAVEL ROAD
		POWER POLE
		SIGN

SITE EARTHWORK QUANTITIES

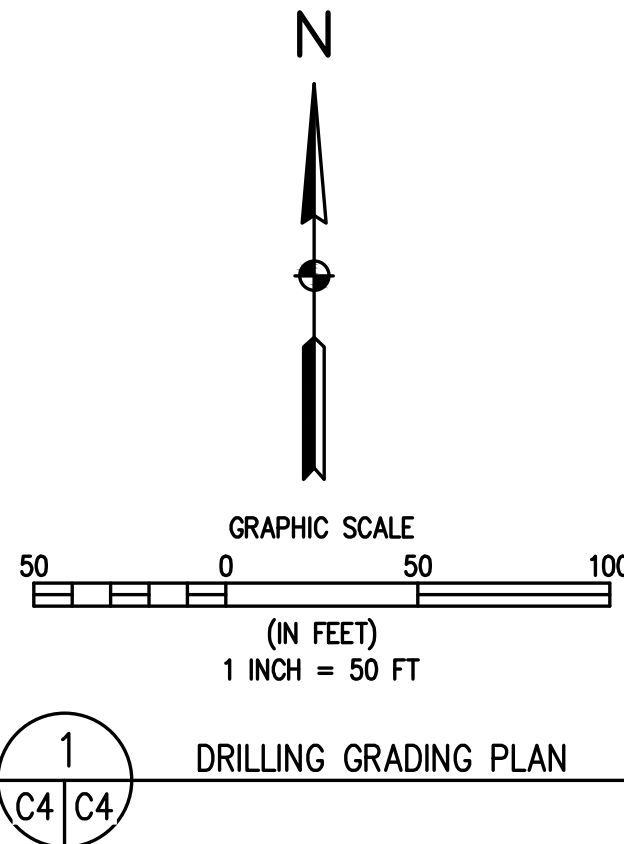
NE CRN FINISHED PAD DIRT ELEVATION	4799.92
SW CRN FINISHED PAD DIRT ELEVATION	4802.36
TOTAL CUT	101,828 CY
TOTAL FILL	145 CY
10% FILL FACTOR	14 CY
ADJUSTED TOTAL FILL	159 CY
NET MATERIAL	101,669 CY (CUT)

PRODUCTION PAD PLATING QUANTITIES

NE CRN PAD PLATING ELEVATION	4800.25
SW CRN PAD PLATING ELEVATION	4802.69
TOTAL PLATING AREA	197,471 SF
PLATING DEPTH FOR QUANTITIES	6 IN (COMPACTED TO 4")
TOTAL PLATING MATERIAL	3,657 CY

ADDED BMP QUANTITIES QUANTITIES

TOTAL CUT	1,830 CY
TOTAL FILL	1,061 CY
10% FILL FACTOR	106 CY
ADJUSTED TOTAL FILL	1,167 CY
NET MATERIAL	663 CY (CUT)



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REVISION	DESCRIPTION	DATE	PREPARED BY

EXTRACTION OIL & GAS, LLC	WELD COUNTY
MERLIN	SECTION 30, TOWNSHIP 6 NORTH, RANGE 67 WEST OF THE 6TH P.M.
DRILLING GRADING PLAN	

PREPARED UNDER THE DIRECT SUPERVISION OF

PRELIMINARY
NOT FOR
CONSTRUCTION

FOR AND ON BEHALF OF	BASELINE CORPORATION
INITIAL SUBMITTAL	XX/XX/XX
DRAWING SIZE	24" X 36"
SURVEY FIRM	BASELINE
SURVEY DATE	XX/XX/XX
JOB NO.	EXT06N67W30-02
DRAWING NAME	MERLIN Plans.dwg
SHEET	4 OF 5

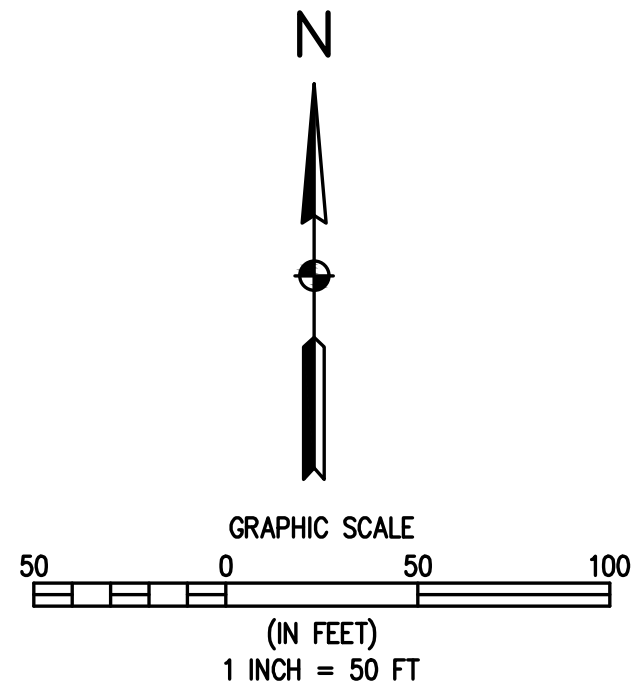
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LEGEND

EXISTING LINETYPES	PROPOSED LINETYPES	
---	---	LOT LINE
---	---	SECTION LINE
81	81	MINOR CONTOUR (1' INTERVAL)
5280	5280	MAJOR CONTOUR (5' INTERVAL)
---	---	EASEMENT
---	---	EDGE OF GRAVEL
---	---	EDGE OF CONCRETE
---	---	CENTERLINE OF ROAD
x x x x	x x x x	FENCE
W W	W	WATER LINE
---	---	WATER SURFACE
---	---	DITCH FLOWLINE
ST ST	---	STORM SEWER

EXISTING SYMBOLS	PROPOSED SYMBOLS	
25.4+	25.36	SPOT ELEVATION
3:1	3:1	NOMINAL SLOPE ON CUT OR FILL
→	→	FLOW DIRECTION, %
▽	▽	CONCRETE FLARED END SECTION
▨	▨	RECYCLED ASPHALT ACCESS ROAD
▨	▨	EXISTING GRAVEL ROAD
⊙	⊙	POWER POLE
+	+	SIGN



1
C5 C5 PRODUCTION GRADING PLAN

EXTRACTION OIL & GAS, LLC

WELD COUNTY
MERLIN
SECTION 30, TOWNSHIP 6 NORTH, RANGE 67 WEST OF THE 6TH P.M.
PRODUCTION GRADING PLAN

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CONSTRUCTION

FOR AND ON BEHALF OF
BASELINE CORPORATION
INITIAL SUBMITTAL XX/XX/XX
DRAWING SIZE 24" X 36"
SURVEY FIRM BASELINE SURVEY DATE XX/XX/XX
JOB NO. EXT06N67W30-02
DRAWING NAME MERLIN Plans.dwg
SHEET 5 OF 5
C5

BASELINE

Engineering · Planning · Surveying

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