

FACILITY PAD - ENGLISH FARMS WEST
FACILITY DESIGN SUMMARY

PAD QUANTITIES AND DESIGN PARAMETERS

CUT SLOPES = 5:1
FILL SLOPES = 5:1
SHRINKAGE FACTOR = 1.10
SWELL FACTOR = 1.00
GRADED FACILITY PAD AREA = 1.37 ACRES
TOTAL FACILITY PAD AREA = 1.66 ACRES

FACILITY PAD QUANTITIES

TOTAL CUT FOR FACILITY PAD = 2,346 C.Y.
TOTAL FILL FOR FACILITY PAD = 2,346 C.Y.
TOPSOIL @ 8" DEPTH = 1,790 C.Y.
IMPORT MATERIAL FOR PAD = 0 C.Y.
IMPORT MATERIAL FOR BACKFILL = 1,107 C.Y.
TOTAL IMPORT = 1,107 C.Y.

NOTE:
FLARE IS TO BE LOCATED
A MINIMUM OF 100'
FROM THE NEAREST
PROPOSED WELL HEAD.

OPERATIONAL
DISTURBANCE
BOUNDARY

EXISTING
SPRINKLER
(TYP.)

EXISTING WATER/WELL
PERMIT #44159
(NOT FIELD VERIFIED)

75' ROW
KERR-MCGEE
GATERING REC.
NO. 4279144

WATER METER
PROPOSED
CULVERT
(AS-NEEDED)

PROPOSED
ACCESS ROAD

30' ROAD
ROW

PROPOSED
CULVERT
(AS-NEEDED)

PROPOSED
ACCESS ROAD

COUNTY ROAD 10
60'
60' COUNTY
ROAD ROW

PROPERTY LINE
APPROXIMATE
(TYP.)

NOTE:

- EXISTING UTILITIES DISPLAYED ON THE GRADING PLAN ARE FOR REFERENCE PURPOSES ONLY. PRIOR TO CONSTRUCTION OR EARTHWORK, CONTRACTOR WILL BE RESPONSIBLE TO CALL FOR LOCATES: (800) 922-1987
- DIVERSION DITCH AND/OR BERM TO BE CONSTRUCTED AROUND THE ENTIRE PAD LOCATION. BERM SECTIONS TO BE COMPACTED IN ACCORDANCE WITH STANDARD CONSTRUCTION PRACTICES.
- CENTER OF WELL PAD REFERENCED BELOW CORRESPONDS TO THE SURFACE LOCATION OF THE ENGLISH FARMS 8-4HZ WELL.
- FLAT GRADED AREA TO BE RECLAIMED DURING INTERIM RECLAMATION.

WELL NAME:	C/F
ENGLISH FARMS 8-1HZ	C8.2
ENGLISH FARMS 8-2HZ	C7.9
ENGLISH FARMS 8-3HZ	C7.9
ENGLISH FARMS 8-4HZ	C7.7
ENGLISH FARMS 8-5HZ	C7.3
ENGLISH FARMS 8-6HZ	C6.7
ENGLISH FARMS 8-7HZ	C6.1

WELL PAD - ENGLISH FARMS WEST DESIGN SUMMARY

WELL PAD QUANTITIES AND DESIGN PARAMETERS

EXISTING GRADE @ CENTER OF WELL PAD = 4991.2'
FINISHED GRADE ELEVATION = 4983.5'
CUT/FILL SLOPES = 3:1
SHRINKAGE FACTOR = 1.10
SWELL FACTOR = 1.00
GRADED WELL PAD SURFACE AREA = 4.36 ACRES
TOTAL WELL PAD AREA = 5.18 ACRES
OPERATIONAL DISTURBANCE AREA = 9.49 ACRES

WELL PAD QUANTITIES

TOTAL CUT FOR WELL PAD = 21,269 C.Y.
TOTAL FILL FOR WELL PAD = 21,269 C.Y.
TOPSOIL @ 8" DEPTH = 5,572 C.Y.
IMPORT MATERIAL = 0 C.Y.

WELL PAD LEGEND

- EXISTING WELL LOCATION
- PROPOSED WELL LOCATION
- EXISTING CONTOURS (2' INTERVAL)
- PROPOSED CONTOURS (2' INTERVAL)
- EPL - EXISTING PIPELINE
- PPL - PROPOSED PIPELINE
- EXISTING FENCE
- PUE - PROPOSED UNDERGROUND ELECTRIC LINE
- DIVERSION DITCH AND/OR BERM



HORIZONTAL 0 50' 100' 1" = 100'
2' CONTOURS

SCALE: 1"=100' DATE: 8/14/17 SHEET NO:
REVISED: CDJ 8/29/17 1 1 OF 1

DRAFT

WELL PAD - ENGLISH FARMS WEST

WELL PAD - GRADING PLAN
ENGLISH FARMS 8-1HZ,
ENGLISH FARMS 8-2HZ, ENGLISH FARMS 8-3HZ,
ENGLISH FARMS 8-4HZ, ENGLISH FARMS 8-5HZ,
ENGLISH FARMS 8-6HZ & ENGLISH FARMS 8-7HZ
LOCATED IN SECTION 8, T1N, R65W, 6TH P.M.
WELD COUNTY, COLORADO

**Kerr-McGee Oil &
Gas Onshore L.P.**
1099 18th Street
Denver, Colorado 80202



609
CONSULTING, LLC

LOVELAND OFFICE
1635 Foxtrail Drive, Suite 204
Loveland, Colorado 80538
Phone 970-776-4331

SHERIDAN OFFICE
1095 Saberton Avenue
Sheridan, Wyoming 82801
Phone 307-674-0609