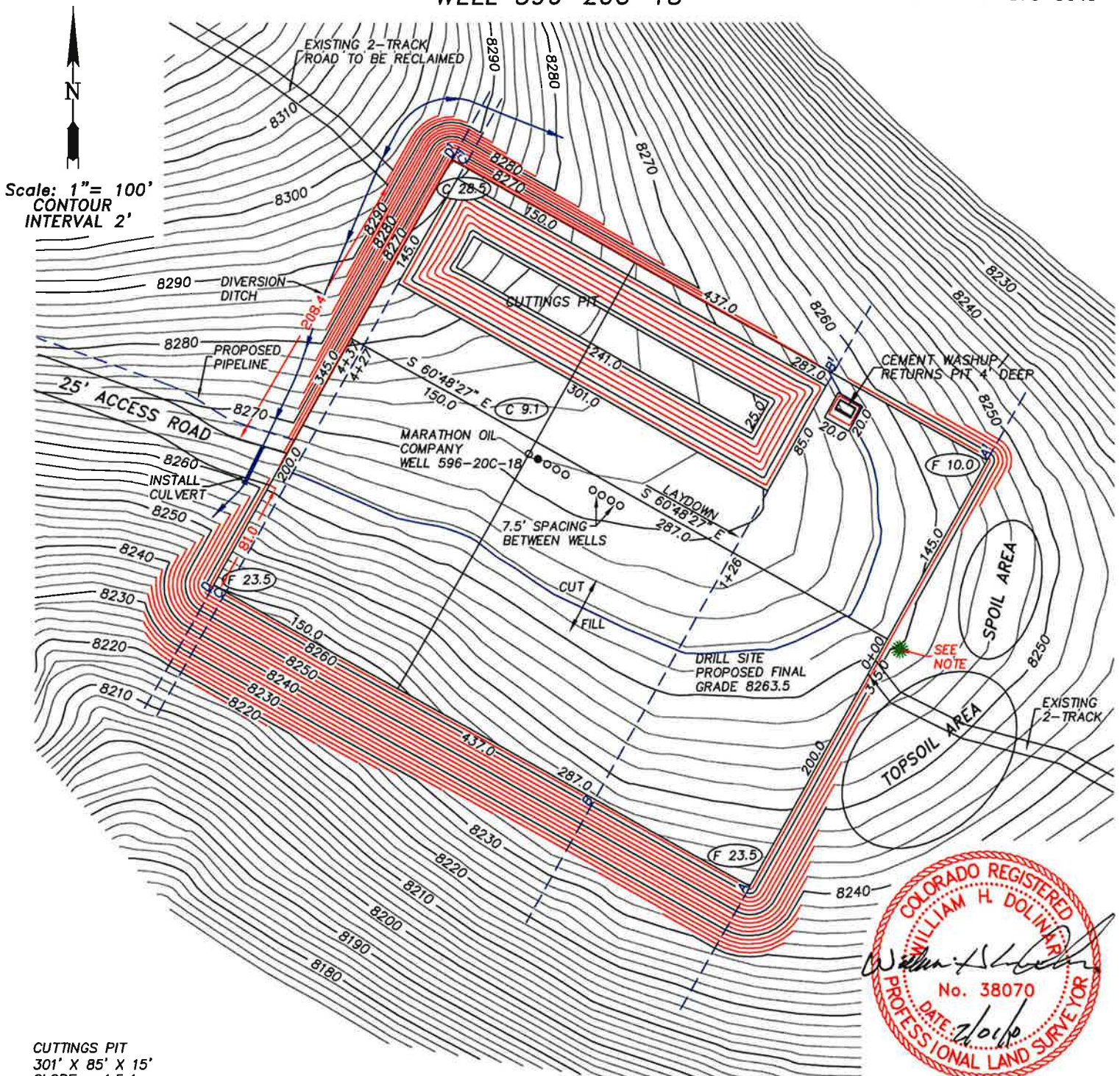


WILLIAM H. SMITH & ASSOCIATES P.C.
SURVEYING CONSULTANTS
MARATHON OIL COMPANY
WELL 596-20C-18

P.O. BOX 820
GREEN RIVER, WYOMING 82935

550 EAST 2ND NORTH
PH. 307-875-3638
FAX. 307-875-3640



CUTTINGS PIT
301' X 85' X 15'
SLOPE = 1.5:1
CAPACITY
227,818.9 CU. FT.
8,437.7 CU. YDS.

CEMENT WASHUP/RETURNS PIT
20' X 20' X 4'
SLOPE = 1:1 & 2.5:1
CAPACITY
155 BBLs FULL
48 BBLs WORKING CAPACITY
WITH 2' FREE BOARD

JOB NO. 26099
01/28/2010 CED
PAD 596-20C/COGCC/PAD 596-20C.DWG

NOTES:

-PAD DISTURBANCE TO BE CONSTRUCTED TO LIMIT THE AMOUNT OF DISTURBANCE TO OAKBRUSH AND TREES.
-TOPSOIL AND SPOIL AREAS TO BE PLACED IN AREAS TO LIMIT THE AMOUNT OF DISTURBANCE TO OAKBRUSH AND TREES

CUT SLOPES: 1:1
FILL SLOPES: 1.5:1
QUANTITIES:
TOTAL CUT = 41,178 BANK CUBIC YARDS
TOTAL FILL = 36,483 BANK CUBIC YARDS
TOPSOIL AT 6 INCHES OF DEPTH = 3,616 BANK CUBIC YARDS
SPOIL = 1,079 BANK CUBIC YARDS
DISTURBED AREA = 195,255 SQ. FT. OR 4.48 ACRES



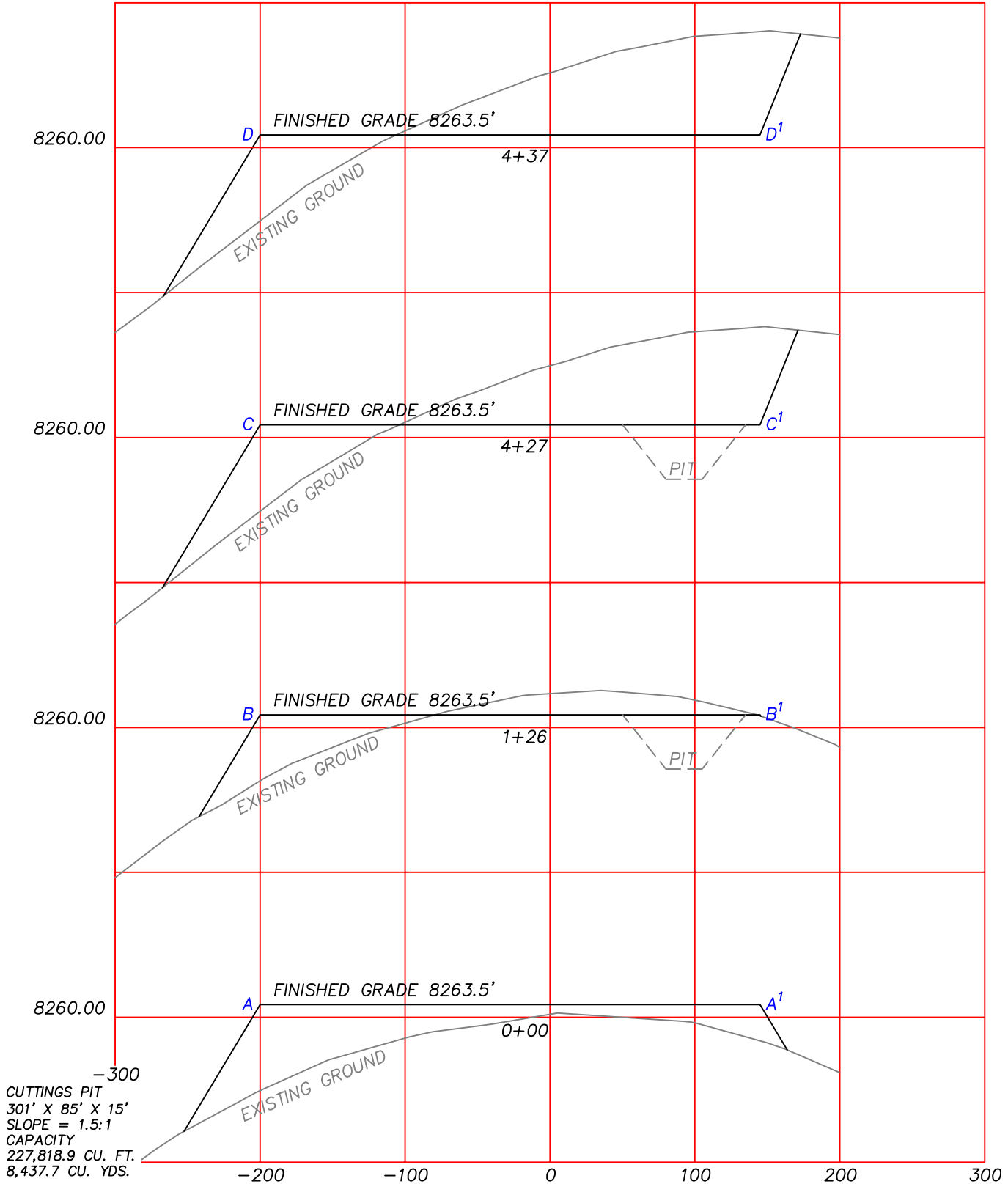
PREPARED FOR:
MARATHON OIL COMPANY
P.O. Box 3128
Houston, TX 77253
5555 San Felipe
Houston, TX 77056

LOCATION:
WELL 596-20C-18
429' FWL and 2078' FSL
WELL FALLS WITHIN THE SW/4
SECTION 20, T5S, R96W, 6TH PM.
GARFIELD COUNTY, COLORADO
SHEET 1 OF 5

WILLIAM H. SMITH & ASSOCIATES P.C.
SURVEYING CONSULTANTS
MARATHON OIL COMPANY
PAD 596-20C

P.O. BOX 820
GREEN RIVER, WYOMING 82935

550 EAST 2ND NORTH
PH. 307-875-3638
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-300
CUTTINGS PIT
301' X 85' X 15'
SLOPE = 1.5:1
CAPACITY
227,818.9 CU. FT.
8,437.7 CU. YDS.

CEMENT WASHUP/RETURNS PIT
20' X 20' X 4'
SLOPE = 1:1 & 2.5:1
CAPACITY
155 BBLs FULL
48 BBLs WORKING CAPACITY
WITH 2' FREE BOARD

JOB NO. 26099
01/28/2010 CED
PAD 596-20C/COGCC/PAD 596-20C.DWG

HORIZONTAL SCALE: 1"=100 FEET
VERTICAL SCALE: 1"=40.00 FEET

CUT SLOPES: 1:1
FILL SLOPES: 1.5:1
QUANTITIES:
TOTAL CUT = 41,178 BANK CUBIC YARDS
TOTAL FILL = 36,483 BANK CUBIC YARDS
TOPSOIL AT 6 INCHES OF DEPTH = 3,616 BANK CUBIC YARDS
SPOIL = 1,079 BANK CUBIC YARDS
DISTURBED AREA = 195,255 SQ. FT. OR 4.48 ACRES

PREPARED FOR:
MARATHON OIL COMPANY
P.O. Box 3128
Houston, TX 77253
5555 San Felipe
Houston, TX 77056

LOCATION:
PAD 596-20C
WITHIN THE SW/4 SECTION 20,
T5S, R96W, 6TH PM.
GARFIELD COUNTY, COLORADO
SHEET 2 OF 5

WILLIAM H. SMITH & ASSOCIATES P.C.
SURVEYING CONSULTANTS
MARATHON OIL COMPANY

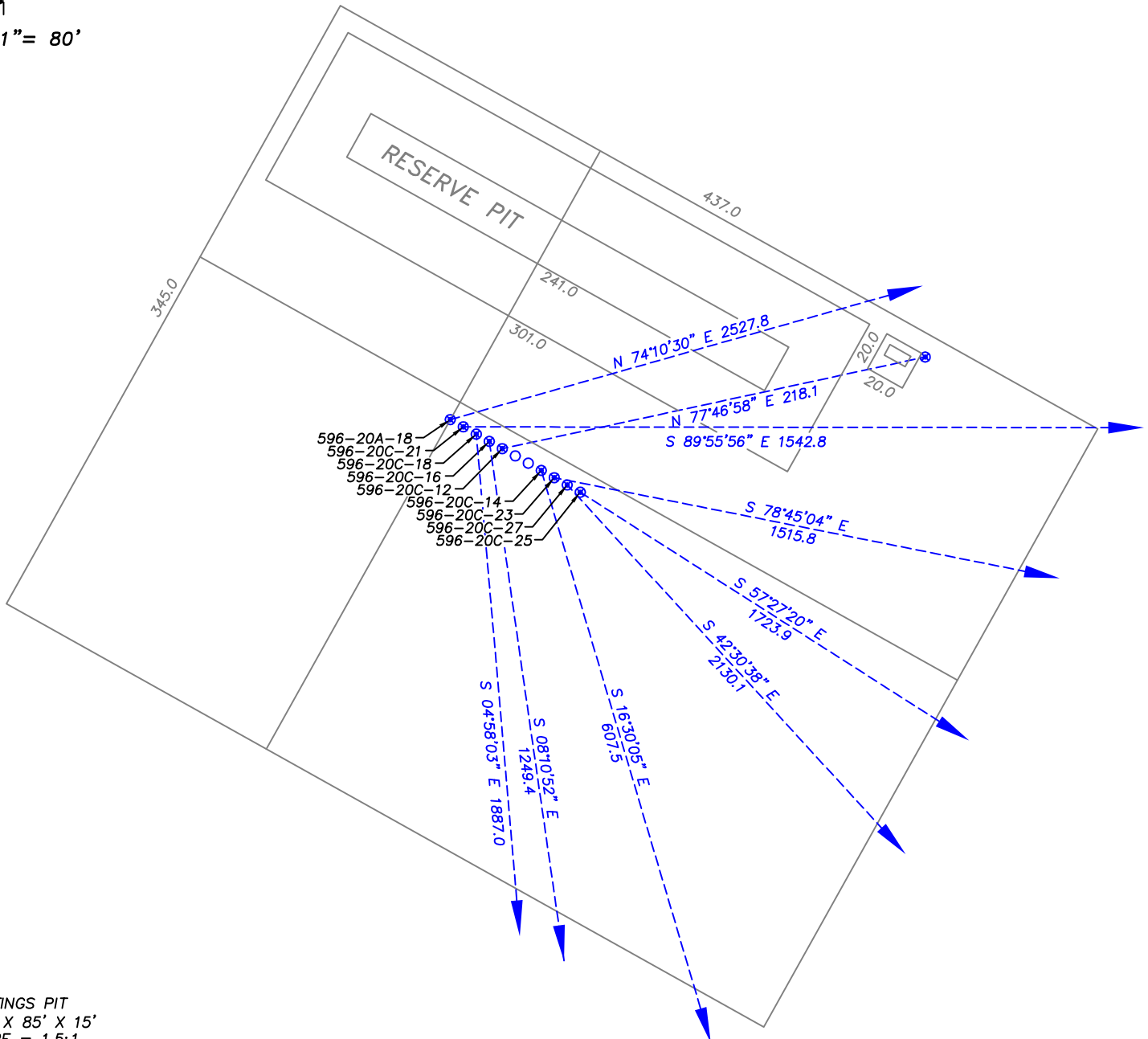
P.O. BOX 820
GREEN RIVER, WYOMING 82935

550 EAST 2ND NORTH
PH. 307-875-3638
FAX. 307-875-3640

PAD 596-20C DIRECTION LAYOUT



Scale: 1" = 80'



CUTTINGS PIT
301' X 85' X 15'
SLOPE = 1.5:1
CAPACITY
227,818.9 CU. FT.
8,437.7 CU. YDS.

CEMENT WASHUP/RETURNS PIT
20' X 20' X 4'
SLOPE = 1:1 & 2.5:1
CAPACITY
155 BBLs FULL
48 BBLs WORKING CAPACITY
WITH 2' FREE BOARD

JOB NO. 26099
01/28/2010 CED
PAD596-20C/COGCC/PAD596-20C DRILL DIRECTION.DWG

PREPARED FOR:
MARATHON OIL COMPANY
P.O. Box 3128
Houston, TX 77253
5555 San Felipe
Houston, TX 77056

LOCATION:
PAD 596-20C
WITHIN THE SW/4 SECTION 20,
T5S, R96W, 6TH PM.
GARFIELD COUNTY, COLORADO
SHEET 3 OF 5

MARATHON OIL COMPANY

550 EAST 2ND NORTH
PH. 307-875-3638
FAX. 307-875-3640

Scale: 1" = 80'

