

ESTIMATED DIRT QUANTITIES				
ITEM	CUT	FILL	TOPSOIL	EXCESS
PAD	19396	13969	5559	132 F
P. PAD	1281	617	627	37
TOTALS	20677	14586	6186	95 F

- NOTES:
- 1) TOPSOIL VOLUME BASED ON 12" TOPSOIL DEPTH.
 - 2) ALL DISTURBANCE SHALL BE CONTAINED WITHIN FENCES.
 - 3) SIDESLOPES ARE 1 1/2:1
 - 4) SEE PRODUCTION PAD GRADING PLAN FOR CUTS/FILLS AND RULE 317B BOUNDARY



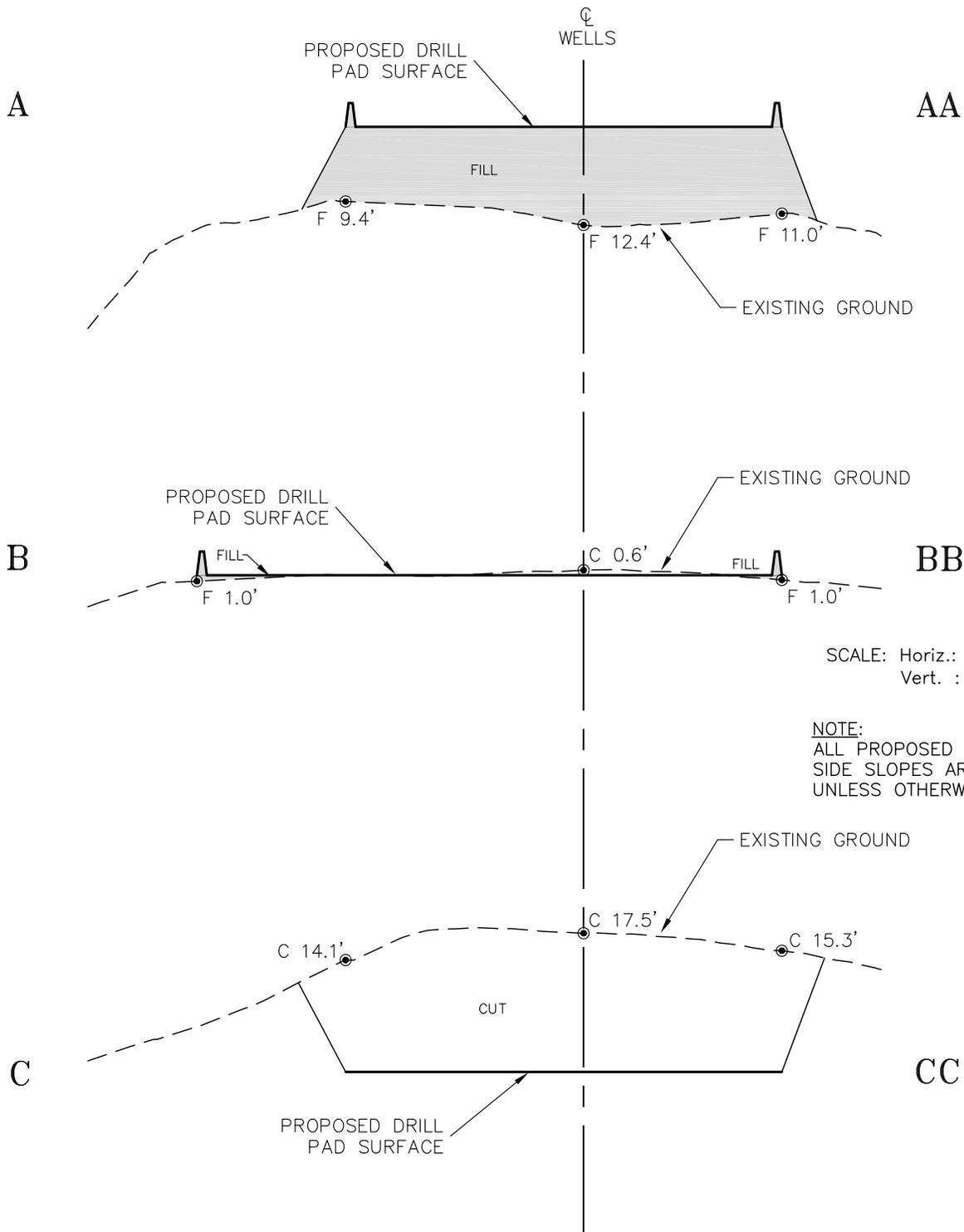
ECLIPSE
surveying

111 E. THIRD ST., SUITE 208, RIFLE, CO 81650
(970) 625-3048

REV. DATE: 06/17/10
SCALE: 1" = 100'
DATE: 01/06/10
SHEET: 3 OF 7
PROJECT: 08001
DFT: JAK

B Bill Barrett Corporation

KAUFMAN PAD 4
GRADING PLAN & PAD LAYOUT



SCALE: Horiz.: 1" = 80'
 Vert. : 1" = 20'

NOTE:
 ALL PROPOSED CUT AND FILL
 SIDE SLOPES ARE AT 1.5:1
 UNLESS OTHERWISE NOTED.



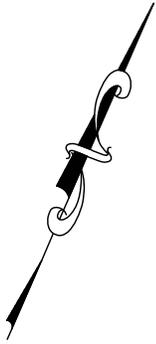
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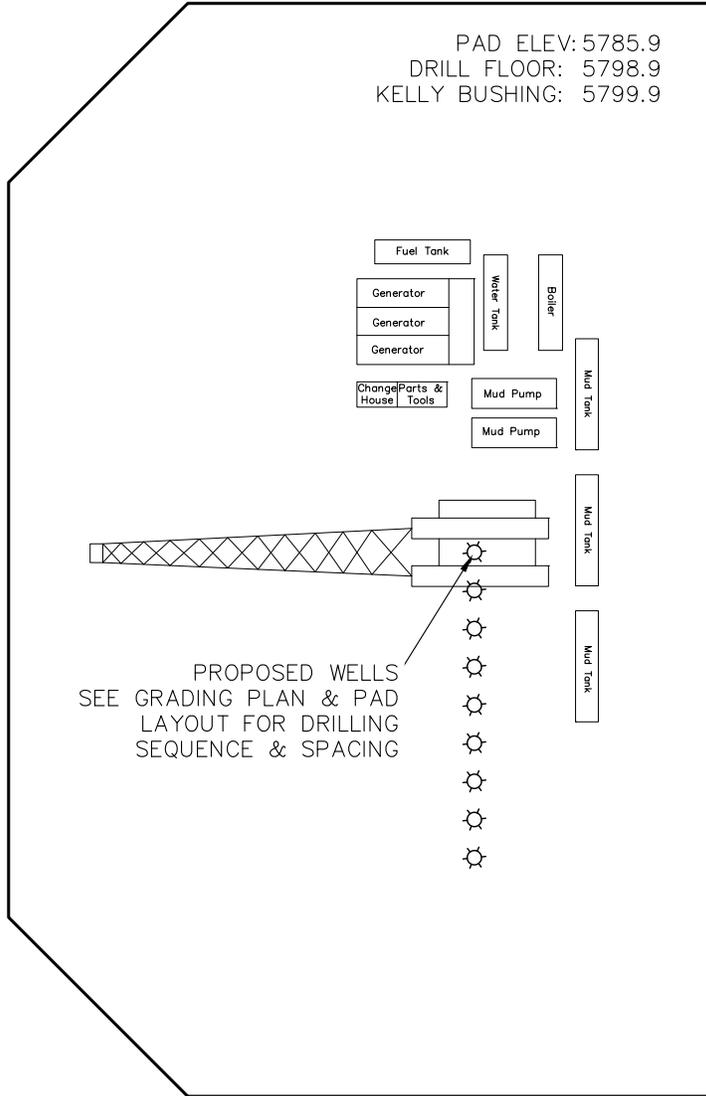
REV. DATE: 06/17/10
 SCALE: AS NOTED
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 SHEET: 4 OF 7
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KAUFMAN PAD 4
 DRILL PAD CROSS SECTIONS



PAD ELEV: 5785.9
DRILL FLOOR: 5798.9
KELLY BUSHING: 5799.9



PROPOSED WELLS
SEE GRADING PLAN & PAD
LAYOUT FOR DRILLING
SEQUENCE & SPACING

ACCESS



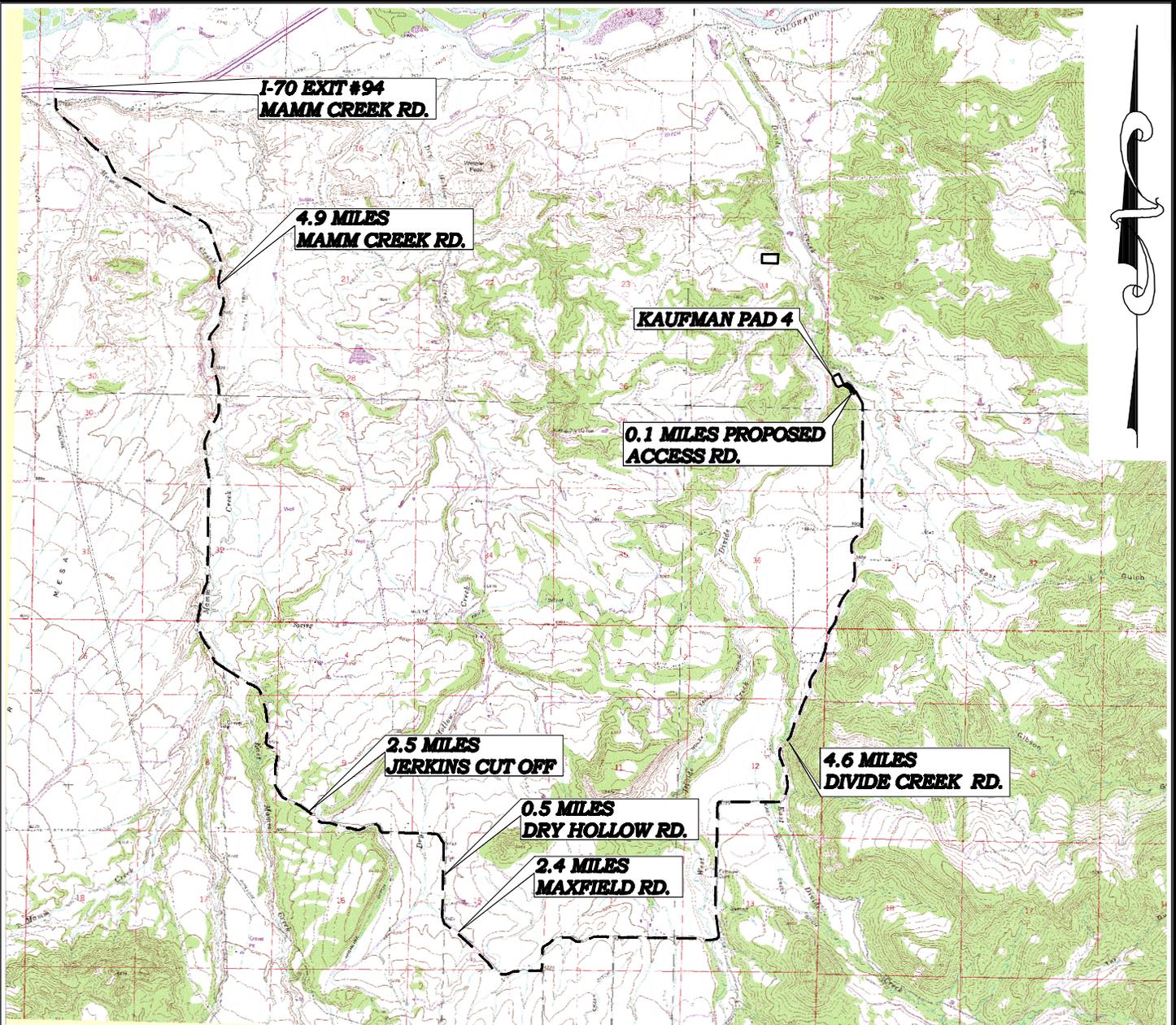
ECLIPSE
surveying

111 E. THIRD ST., SUITE 208, RIFLE, CO 81650
(970) 625-3048

SCALE: 1" = 80'
DATE: 01/06/10
SHEET: 5 OF 7
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B Bill Barrett Corporation

*KAUFMAN PAD 4
DRILL RIG LAYOUT*



DIRECTIONS TO LOCATION:

FROM THE I-70 EXIT #94 (MAMM CREEK EXIT) PROCEED SOUTHERLY ALONG MAMM CREEK ROAD APPROXIMATELY 4.9 MILES TO AN INTERSECTION WITH JERKINS CUT-OFF ON THE LEFT, THEN PROCEED IN AN EASTERLY DIRECTION ALONG JERKINS CUT-OFF ± 2.5 MILES TO THE INTERSECTION WITH DRY HOLLOW ROAD, THEN PROCEED RIGHT IN A SOUTHERLY DIRECTION ALONG DRY HOLLOW ROAD 0.5 MILES TO THE INTERSECTION WITH MAYFIELD RD ON THE RIGHT, PROCEED ON MAXWELL ROAD ± 2.4 MILES TO THE INTERSECTION WITH DIVIDE CREEK ROAD ON THE LEFT, PROCEED IN A NORTHEASTERLY DIRECTION ± 4.6 MILES TO THE INTERSECTION WITH THE ACCESS ROAD ON THE LEFT, PROCEED IN A NORTHWESTERLY DIRECTION FOR ± 0.1 MILES TO THE KAUFMAN PAD 4 DRILL PAD AS SHOWN HEREON.



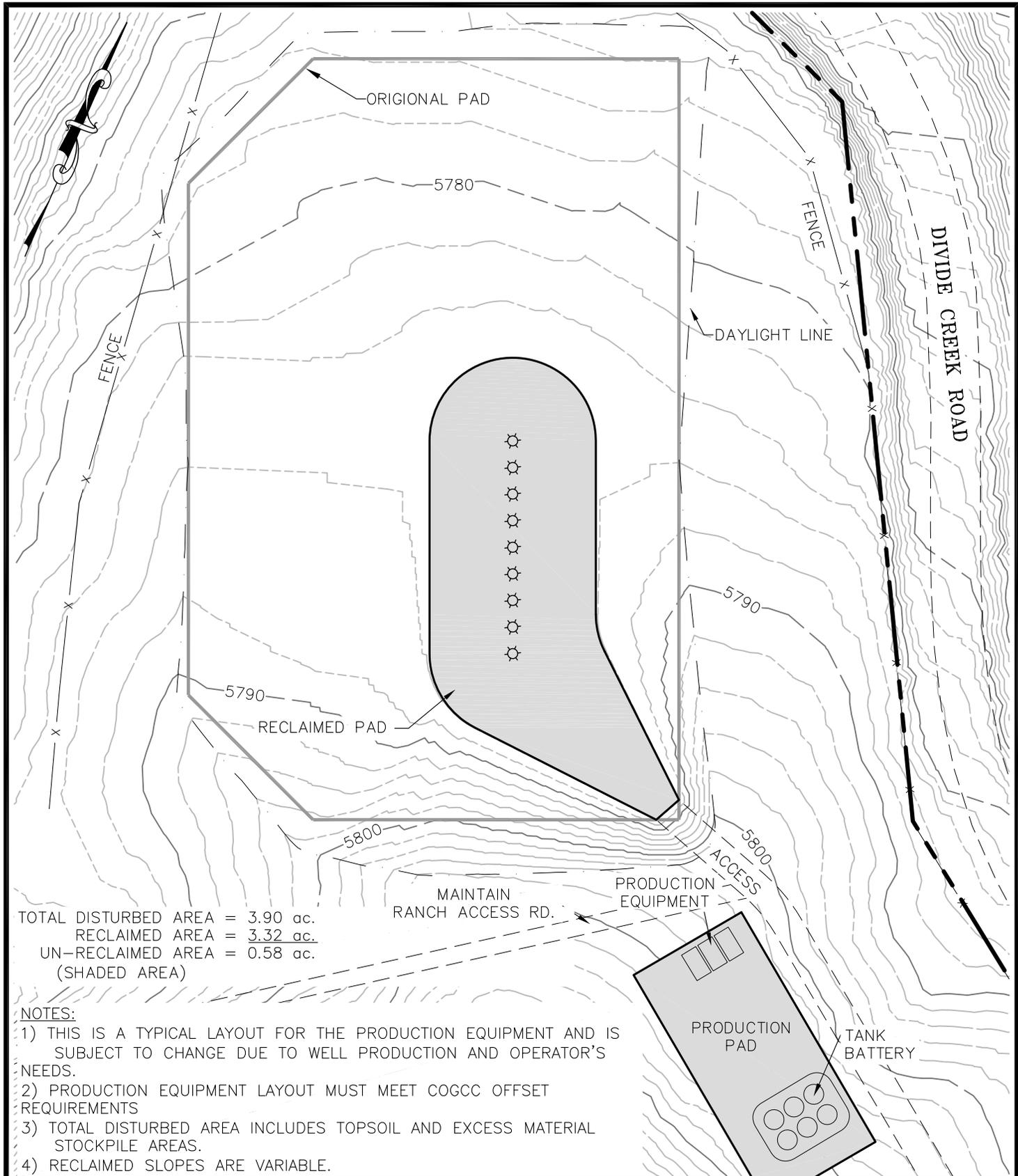
ECLIPSE
surveying

111 E. THIRD ST., SUITE 208, RIFLE, CO 81650
(970) 625-3048

SCALE: 1"=6000'
DATE: 01/06/10
SHEET: 6 OF 7
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DFT: JAK

Bill Barrett Corporation

**KAUFMAN PAD 4
ACCESS & VICINITY MAP**



TOTAL DISTURBED AREA = 3.90 ac.
 RECLAIMED AREA = 3.32 ac.
 UN-RECLAIMED AREA = 0.58 ac.
 (SHADED AREA)

- NOTES:**
- 1) THIS IS A TYPICAL LAYOUT FOR THE PRODUCTION EQUIPMENT AND IS SUBJECT TO CHANGE DUE TO WELL PRODUCTION AND OPERATOR'S NEEDS.
 - 2) PRODUCTION EQUIPMENT LAYOUT MUST MEET COGCC OFFSET REQUIREMENTS
 - 3) TOTAL DISTURBED AREA INCLUDES TOPSOIL AND EXCESS MATERIAL STOCKPILE AREAS.
 - 4) RECLAIMED SLOPES ARE VARIABLE.



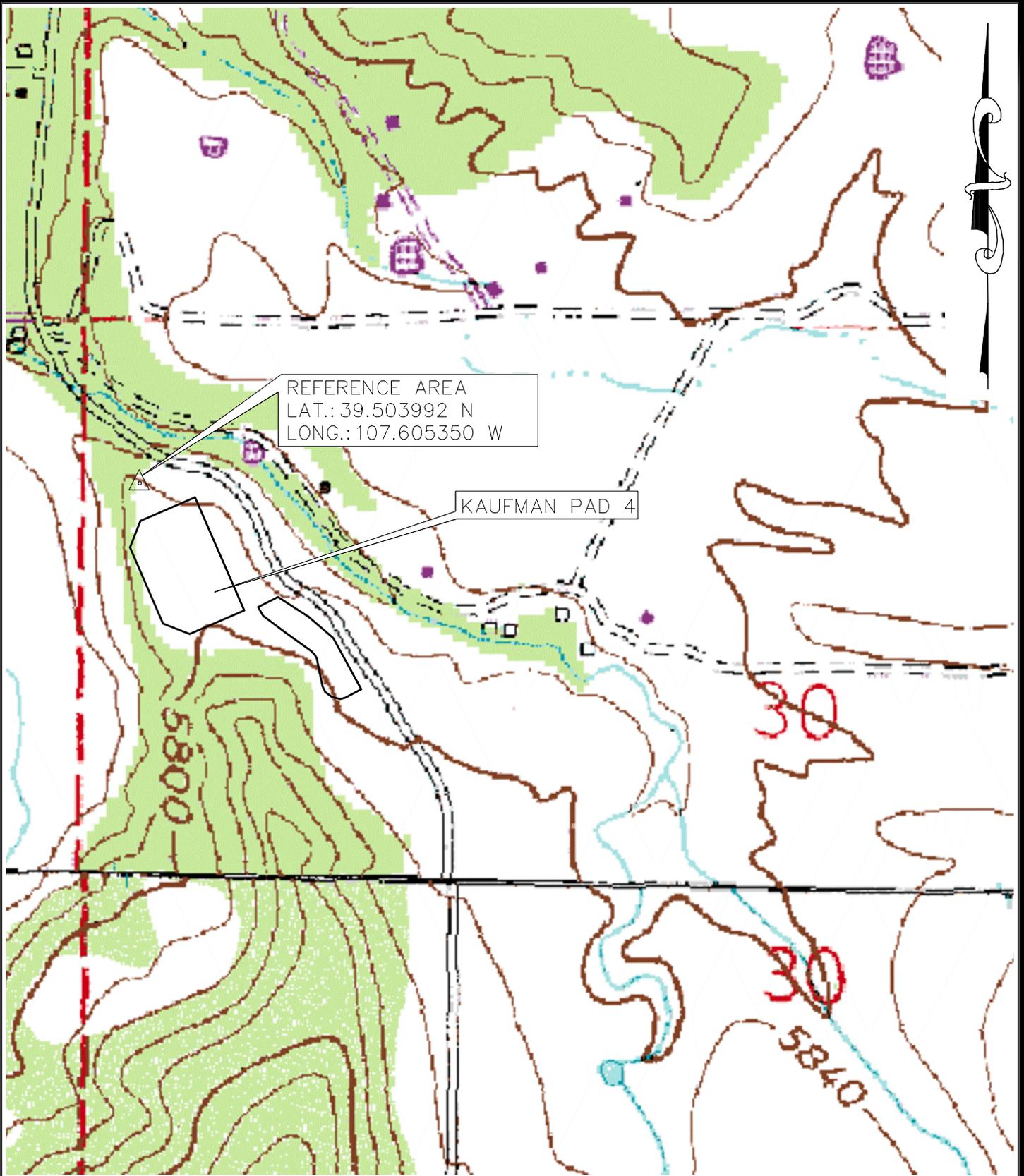
ECLIPSE
 surveying

111 E. THIRD ST., SUITE 208, RIFLE, CO 81650
 (970) 625-3048

REV. DATE:	06/14/10
SCALE:	1" = 80'
DATE:	01/06/10
SHEET:	7 OF 7
PROJECT:	08001
DFT:	JAK

B Bill Barrett Corporation

KAUFMAN PAD 4
 RECLAIMED PAD &
 PRODUCTION EQUIPMENT



ECLIPSE
surveying

111 E. THIRD ST., SUITE 208, RIFLE, CO 81650
(970) 625-3048

REV. DATE:

SCALE:

DATE:

SHEET:

PROJECT:

DFT:

1"=500'

02/10/10

1 OF 1

KAUFMAN4

JAK



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KAUFMAN PAD 4
LAND USE REFERENCE AREA