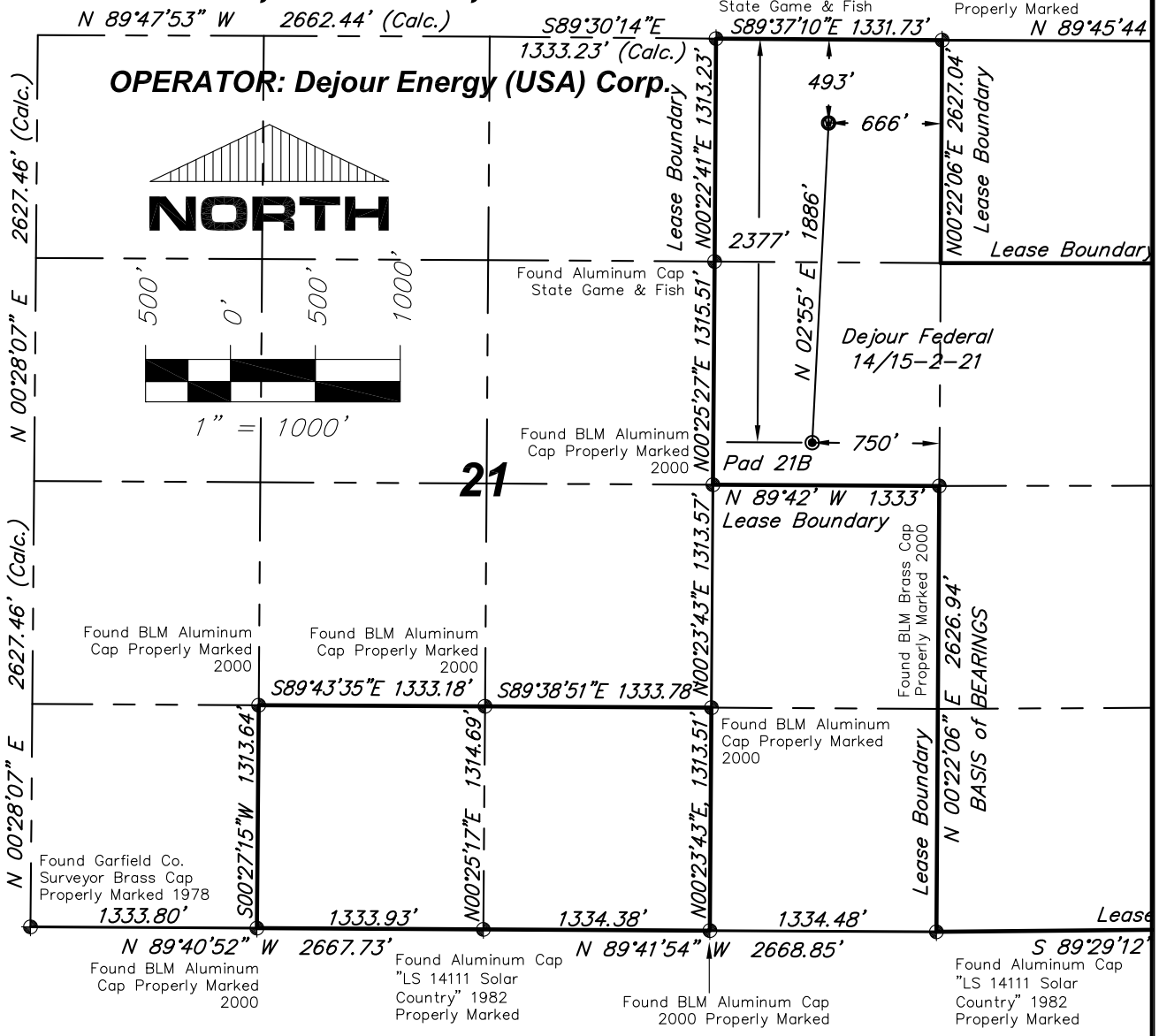
T. 6 S., R. 91 W., 6th P.M.



NOTES:

1: GEODETIC POSITIONS ARE SHOWN IN DECIMAL DEGREES BASED ON NAD83.
2: UNITS OF MEASUREMENT: U.S. SURVEY FOOT
3: EXISTING GROUND ELEVATION: 6932.6'. PROPOSED PAD ELEVATION: 6932.37'. ELEVATIONS HAVE BEEN DERIVED USING GPS OBSERVATIONS, GEOID 09, NAVD 88.
4: ALL SURFACE AND BOTTOM HOLE LOCATIONS ARE MEASURED AT 90° ANGLES FROM SECTION LINES.
5: BASIS OF BEARINGS: N 00°22'06" E BETWEEN FOUND MONUMENT AS SHOWN HEREON.
6: SEE SHEET 1E FOR EXISTING IMPROVEMENTS LOCATED IN THE VICINITY OF PROPOSED WELL.
7: SURFACE USE: WILDLIFE AREA
8: USGS QUAD MAP: NEW CASTLE
9: GPS OPERATOR: KYLE TESKY OBSERVED AN AVERAGE PDOP OF ≤ 3.0 FOR ALL SURVEY MEASUREMENTS DEPICTED ON THIS AN SUBSEQUENT SHEETS. ALL GPS OBSERVATIONS ARE IN COMPLIANCE WITH COGCC RULE NO. 215

FEDERAL 14/15-2-21 NAD83	
SURFACE HOLE LOCATION	SECTION LINE TIES
LATITUDE = 39.514317°N	FEL = 750'
LONGITUDE = 107.552527°W	FNL = 2377'
BOTTOM HOLE LOCATION	
LATITUDE = 39.519491°N	FEL = 666'
LONGITUDE = 107.552337°W	FNL = 493'

LEGEND:

- ✚ – FOUND MONUMENT AS DESCRIBED HEREON
- ◉ – SURFACE HOLE LOCATION (SHL)
- Ⓦ – BOTTOM HOLE LOCATION (BHL)

SURVEYORS STATEMENT:

I, ELWOOD BARRY GILES, BEING A REGISTERED LAND SURVEYOR IN THE STATE OF COLORADO, DO HERBY CERTIFY THAT THIS PLAT REPRESENTS A SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION BETWEEN APRIL, 2010 & JANUARY, 2011, AND IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE REFERENCE POINT WAS STAKED IN THE FIELD AS SHOWN HEREON APRIL 21, 2010.

COLORADO LICENSED PROFESSIONAL LAND SURVEYOR

Elwood Barry Giles — Aug. 9, 2011

ELWOOD BARRY GILES — DATE
COLORADO LS 38150

Rev. 8/9/11: Update Cert.

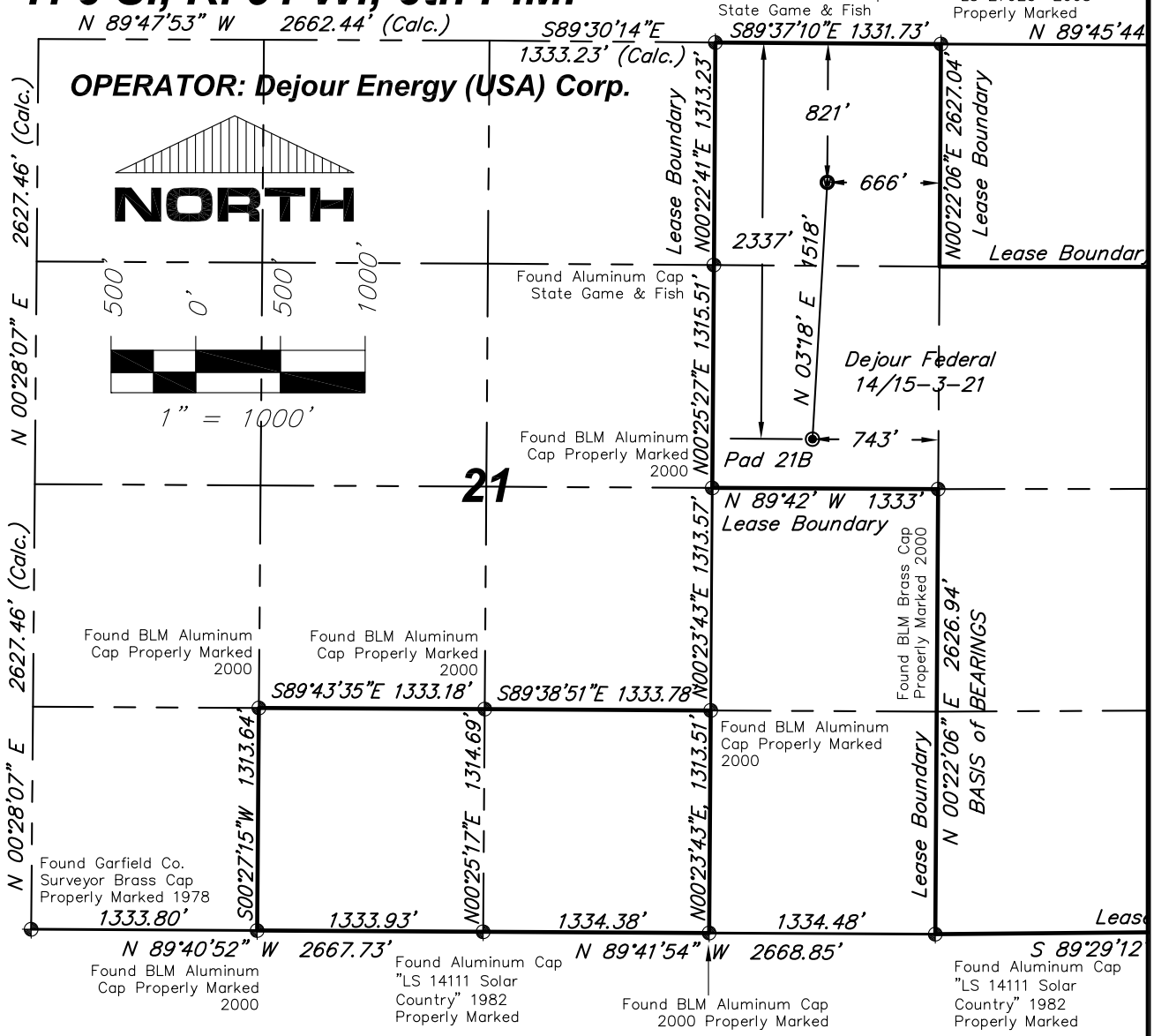
SGM INC.
118 W. 6th Street, Suite 200
Glenwood Springs, Co. 81601
(970)945-1004 www.SGM-Inc.com
320 Third St. Meeker, Co. 81641

1" = 1000'
Sheet 1A of 9
Federal 14/15-2-21

Well Location Plat – Federal 14/15-2-21
NE¼NE¼, Section 21, T.6S., R.91W., 6TH P.M.

Job# 2010-112.001 | Date: 6/15/2011 | By: BG | File: APD_Pad21B

T. 6 S., R. 91 W., 6th P.M.



NOTES:

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2: UNITS OF MEASUREMENT: U.S. SURVEY FOOT
3: EXISTING GROUND ELEVATION: 6932.6'. PROPOSED PAD ELEVATION: 6932.37'. ELEVATIONS HAVE BEEN DERIVED USING GPS OBSERVATIONS, GEOID 09, NAVD 88.
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5: BASIS OF BEARINGS: N 00°22'06" E BETWEEN FOUND MONUMENT AS SHOWN HEREON.
6: SEE SHEET 1E FOR EXISTING IMPROVEMENTS LOCATED IN THE VICINITY OF PROPOSED WELL.
7: SURFACE USE: WILDLIFE AREA
8: USGS QUAD MAP: NEW CASTLE
9: GPS OPERATOR: KYLE TESKY OBSERVED AN AVERAGE PDOP OF ≤ 3.0 FOR ALL SURVEY MEASUREMENTS DEPICTED ON THIS AN SUBSEQUENT SHEETS. ALL GPS OBSERVATIONS ARE IN COMPLIANCE WITH COGCC RULE NO. 215

FEDERAL 14/15-3-21 NAD83	
SURFACE HOLE LOCATION	SECTION LINE TIES
LATITUDE = 39.514426°N	FEL = 743'
LONGITUDE = 107.552506°W	FNL = 2337'
BOTTOM HOLE LOCATION	
LATITUDE = 39.518590°N	FEL = 666'
LONGITUDE = 107.552318°W	FNL = 821'

LEGEND:

- ⌖ – FOUND MONUMENT AS DESCRIBED HEREON
- ◉ – SURFACE HOLE LOCATION (SHL)
- Ⓦ – BOTTOM HOLE LOCATION (BHL)

SURVEYORS STATEMENT:

I, ELWOOD BARRY GILES, BEING A REGISTERED LAND SURVEYOR IN THE STATE OF COLORADO, DO HERBY CERTIFY THAT THIS PLAT REPRESENTS A SURVEY PERFORMED BY ME OR UNDER MY DIRECT SURERVISION BETWEEN APRIL, 2010 & JANUARY, 2011, AND IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE REFERENCE POINT WAS STAKED IN THE FIELD AS SHOWN HEREON APRIL 21, 2010.

COLORADO LICENSED ELWOOD BARRY GILES 38150 PROFESSIONAL LAND SURVEYOR

Elwood Barry Giles — Aug. 9, 2011

ELWOOD BARRY GILES — DATE
COLORADO LS 38150

Rev. 8/9/11: Update Cert.

SGM INC.
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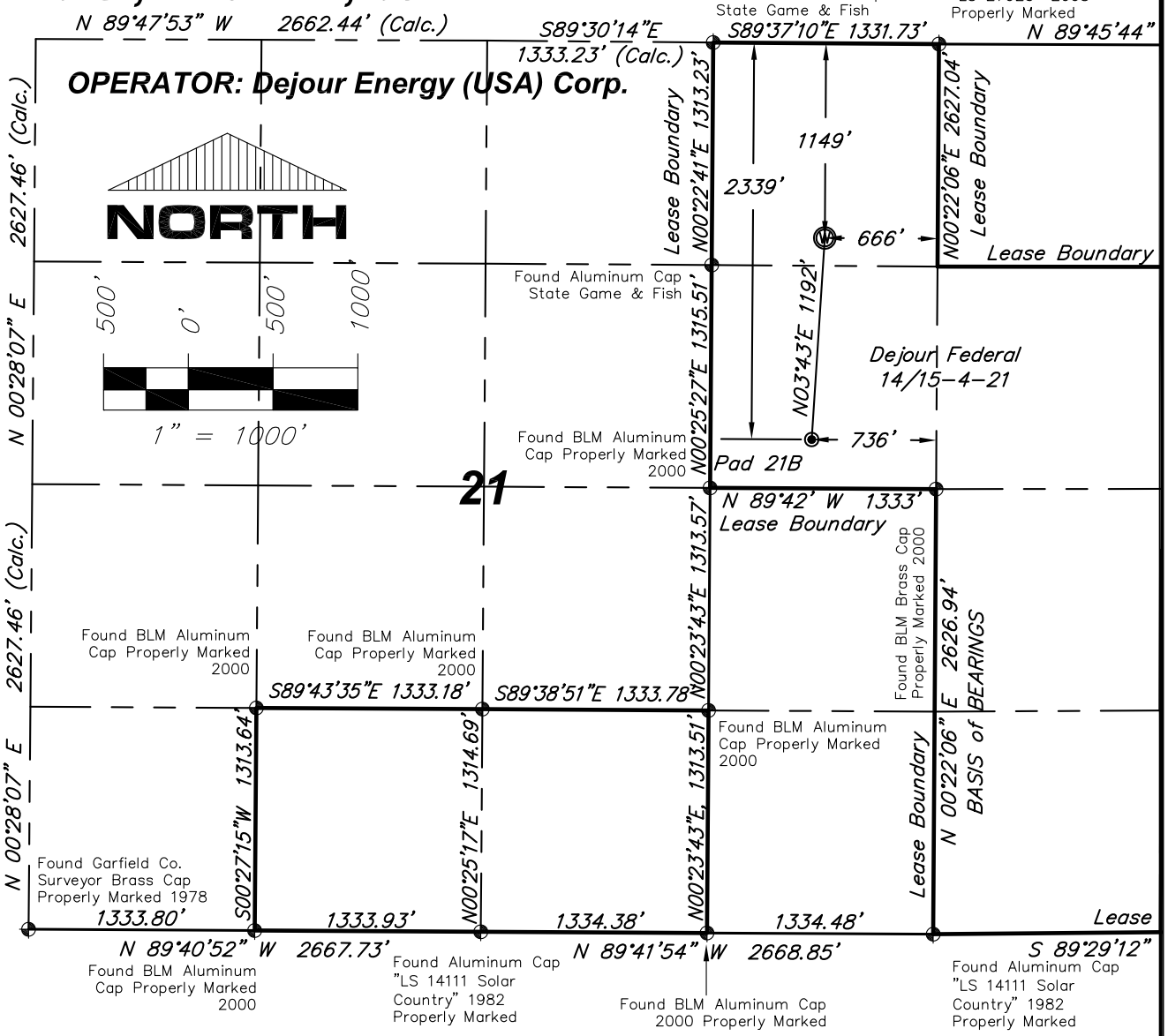
Glenwood Springs, Co. 81601
(970)945-1004 www.SGM-Inc.com
320 Third St. Meeker, Co. 81641

1" = 1000'
Sheet 1B of 9
Federal 14/15-3-21

Well Location Plat – Federal 14/15-3-21
NE¼NE¼, Sec. 21, T.6S., R.91W., 6TH P.M.

Job# 2010-112.001 | Date: 6/15/2011 | By: BG | File: APD_Pad21B

T. 6 S., R. 91 W., 6th P.M.



NOTES:

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6: SEE SHEET 1E FOR EXISTING IMPROVEMENTS LOCATED IN THE VICINITY OF PROPOSED WELL.
7: SURFACE USE: WILDLIFE AREA
8: USGS QUAD MAP: NEW CASTLE
9: GPS OPERATOR: KYLE TESKY OBSERVED AN AVERAGE PDOP OF ≤ 3.0 FOR ALL SURVEY MEASUREMENTS DEPICTED ON THIS AN SUBSEQUENT SHEETS. ALL GPS OBSERVATIONS ARE IN COMPLIANCE WITH COGCC RULE NO. 215

FEDERAL 14/15-4-21 NAD83	
SURFACE HOLE LOCATION	SECTION LINE TIES
LATITUDE = 39.514420°N	FEL = 736'
LONGITUDE = 107.552479°W	FNL = 2339'
BOTTOM HOLE LOCATION	
LATITUDE = 39.517689°N	FEL = 666'
LONGITUDE = 107.552300°W	FNL = 1149'

LEGEND:

- ✚ – FOUND MONUMENT AS DESCRIBED HEREON
- ◉ – SURFACE HOLE LOCATION (SHL)
- Ⓦ – BOTTOM HOLE LOCATION (BHL)

SURVEYORS STATEMENT:

I, ELWOOD BARRY GILES, BEING A REGISTERED LAND SURVEYOR IN THE STATE OF COLORADO, DO HERBY CERTIFY THAT THIS PLAT REPRESENTS A SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION BETWEEN APRIL, 2010 & JANUARY, 2011, AND IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE REFERENCE POINT WAS STAKED IN THE FIELD AS SHOWN HEREON APRIL 21, 2010.

COLORADO LICENSED PROFESSIONAL LAND SURVEYOR

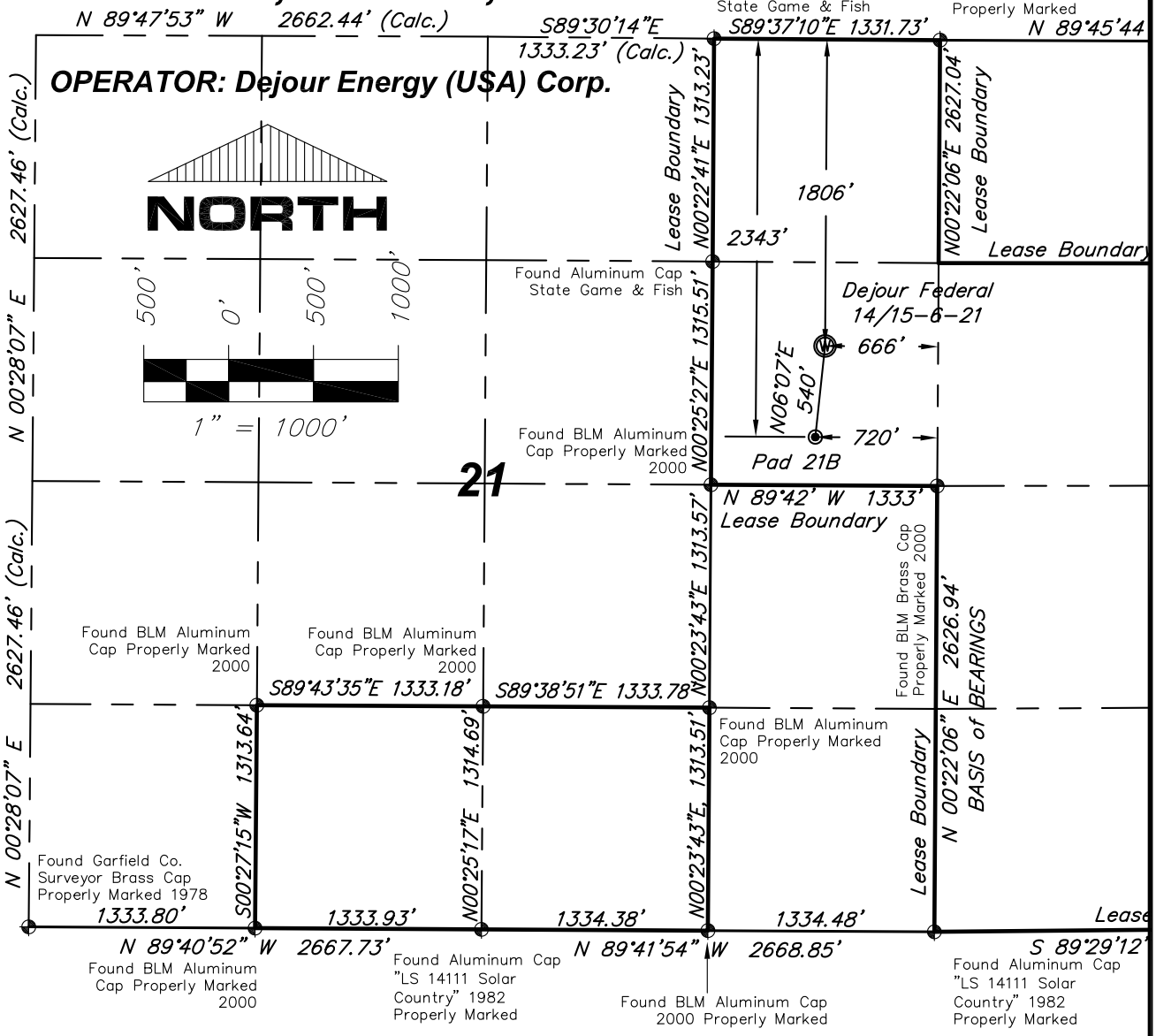
Elwood Barry Giles — Aug. 9, 2011

ELWOOD BARRY GILES — DATE
COLORADO LS 38150

Rev. 8/9/11: Update Cert.

SGM INC. 118 W. 6th Street, Suite 200 Glenwood Springs, Co. 81601 (970)945-1004 www.SGM-Inc.com 320 Third St. Meeker, Co. 81641	1" = 1000'	Well Location Plat – Federal 14/15-4-21 NE¼NE¼, Sec. 21, T.6S., R.91W., 6TH P.M.	
	Sheet 1C of 9		
	Federal 14/15-4-21	Job# 2010-112.001	Date: 6/15/2011 By: BG File: APD_Pad21B

T. 6 S., R. 91 W., 6th P.M.



NOTES:

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6: SEE SHEET 1E FOR EXISTING IMPROVEMENTS LOCATED IN THE VICINITY OF PROPOSED WELL.
7: SURFACE USE: WILDLIFE AREA
8: USGS QUAD MAP: NEW CASTLE
9: GPS OPERATOR: KYLE TESKY OBSERVED AN AVERAGE PDOP OF ≤ 3.0 FOR ALL SURVEY MEASUREMENTS DEPICTED ON THIS AN SUBSEQUENT SHEETS. ALL GPS OBSERVATIONS ARE IN COMPLIANCE WITH COGCC RULE NO. 215

FEDERAL 14/15-6-21 NAD83	
SURFACE HOLE LOCATION	SECTION LINE TIES
LATITUDE = 39.514410°N	FEL = 720'
LONGITUDE = 107.552424°W	FNL = 2343'
BOTTOM HOLE LOCATION	
LATITUDE = 39.515886°N	FEL = 666'
LONGITUDE = 107.552263°W	FNL = 1806'

LEGEND:

- ✚ – FOUND MONUMENT AS DESCRIBED HEREON
- ◉ – SURFACE HOLE LOCATION (SHL)
- Ⓦ – BOTTOM HOLE LOCATION (BHL)

SURVEYORS STATEMENT:

I, ELWOOD BARRY GILES, BEING A REGISTERED LAND SURVEYOR IN THE STATE OF COLORADO, DO HERBY CERTIFY THAT THIS PLAT REPRESENTS A SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION BETWEEN APRIL, 2010 & JANUARY, 2011, AND IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE REFERENCE POINT WAS STAKED IN THE FIELD AS SHOWN HEREON APRIL 21, 2010.

Elwood Barry Giles — Aug. 9, 2011

ELWOOD BARRY GILES — DATE
COLORADO LS 38150

COLORADO LICENSED PROFESSIONAL LAND SURVEYOR

Rev. 8/9/11: Update Cert.

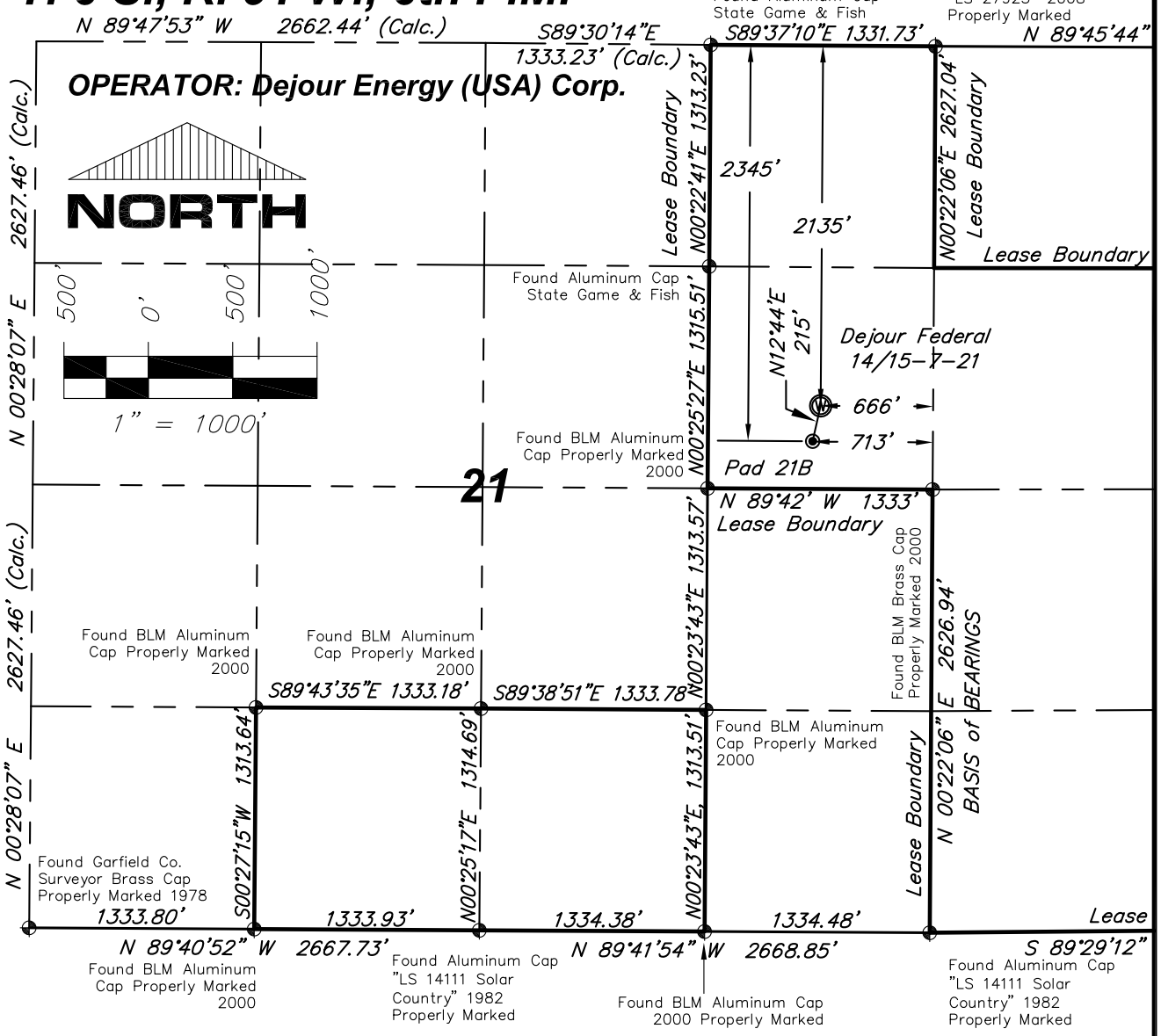
SGM INC.
118 W. 6th Street, Suite 200
Glenwood Springs, Co. 81601
(970)945-1004 www.SGM-Inc.com
320 Third St. Meeker, Co. 81641

1" = 1000'
Sheet 1D of 9
Federal 14/15-6-21

Well Location Plat – Federal 14/15-6-21
SE¼NE¼, Section 21, T.6S., R.91W., 6TH P.M.

Job# 2010-112.001 | Date: 6/15/2011 | By: BG | File: APD_Pad21B

T. 6 S., R. 91 W., 6th P.M.



NOTES:

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6: SEE SHEET 1E FOR EXISTING IMPROVEMENTS LOCATED IN THE VICINITY OF PROPOSED WELL.
7: SURFACE USE: WILDLIFE AREA
8: USGS QUAD MAP: NEW CASTLE
9: GPS OPERATOR: KYLE TESKY OBSERVED AN AVERAGE PDOP OF ≤ 3.0 FOR ALL SURVEY MEASUREMENTS DEPICTED ON THIS AN SUBSEQUENT SHEETS. ALL GPS OBSERVATIONS ARE IN COMPLIANCE WITH COGCC RULE NO. 215

FEDERAL 14/15-7-21 NAD83	
SURFACE HOLE LOCATION	SECTION LINE TIES
LATITUDE = 39.514404°N	FEL = 713'
LONGITUDE = 107.552396W	FNL = 2345'
BOTTOM HOLE LOCATION	
LATITUDE = 39.514984N	FEL = 666'
LONGITUDE = 107.552245°W	FNL = 2135'

LEGEND:

- ✚ – FOUND MONUMENT AS DESCRIBED HEREON
- ◉ – SURFACE HOLE LOCATION (SHL)
- Ⓦ – BOTTOM HOLE LOCATION (BHL)

SURVEYORS STATEMENT:

I, ELWOOD BARRY GILES, BEING A REGISTERED LAND SURVEYOR IN THE STATE OF COLORADO, DO HERBY CERTIFY THAT THIS PLAT REPRESENTS A SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION BETWEEN APRIL, 2010 & JANUARY, 2011, AND IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE REFERENCE POINT WAS STAKED IN THE FIELD AS SHOWN HEREON APRIL 22, 2010.

COLORADO LICENSED PROFESSIONAL LAND SURVEYOR ELWOOD BARRY GILES 38150

Elwood Barry Giles — Aug. 9, 2011

ELWOOD BARRY GILES — DATE
COLORADO LS 38150

Rev. 8/9/11: Update Cert.

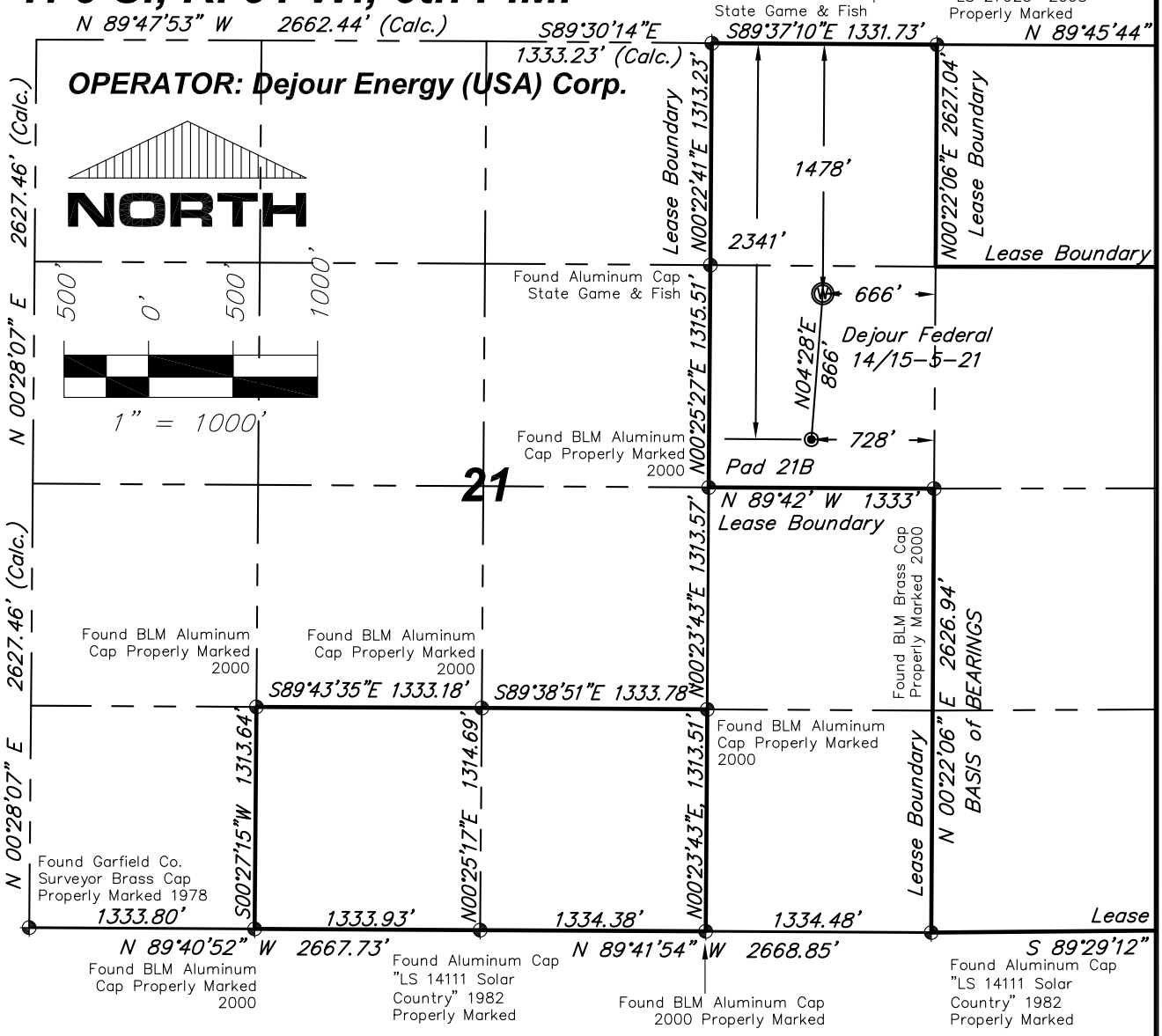
SGM INC.
118 W. 6th Street, Suite 200
Glenwood Springs, Co. 81601
(970)945-1004 www.SGM-Inc.com
320 Third St. Meeker, Co. 81641

1" = 1000'
Sheet 1E of 9
Federal 14/15-7-21

Well Location Plat – Federal 14/15-7-21
SE¼NE¼, Section 21, T.6S., R.91W., 6TH P.M.

Job# 2010-112.001 | Date: 6/15/2011 | By: BG | File: APD_Pad21B

T. 6 S., R. 91 W., 6th P.M.



NOTES:

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3: EXISTING GROUND ELEVATION: 6932.6'. PROPOSED PAD ELEVATION: 6932.37'. ELEVATIONS HAVE BEEN DERIVED USING GPS OBSERVATIONS, GEOID 09, NAVD 88.
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7: SURFACE USE: WILDLIFE AREA
8: USGS QUAD MAP: NEW CASTLE
9: GPS OPERATOR: KYLE TESKY OBSERVED AN AVERAGE PDOP OF ≤ 3.0 FOR ALL SURVEY MEASUREMENTS DEPICTED ON THIS AN SUBSEQUENT SHEETS. ALL GPS OBSERVATIONS ARE IN COMPLIANCE WITH COGCC RULE NO. 215

FEDERAL 14/15-5-21 NAD83	
SURFACE HOLE LOCATION	SECTION LINE TIES
LATITUDE = 39.514415°N	FEL = 728'
LONGITUDE = 107.552451°W	FNL = 2341'
BOTTOM HOLE LOCATION	
LATITUDE = 39.516788°N	FEL = 666'
LONGITUDE = 107.552281°W	FNL = 1478'

LEGEND:

- ✚ – FOUND MONUMENT AS DESCRIBED HEREON
- ◉ – SURFACE HOLE LOCATION (SHL)
- Ⓦ – BOTTOM HOLE LOCATION (BHL)

SURVEYORS STATEMENT:

I, ELWOOD BARRY GILES, BEING A REGISTERED LAND SURVEYOR IN THE STATE OF COLORADO, DO HERBY CERTIFY THAT THIS PLAT REPRESENTS A SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION BETWEEN APRIL, 2010 & JANUARY, 2011, AND IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE REFERENCE POINT WAS STAKED IN THE FIELD AS SHOWN HEREON APRIL 21, 2010.

COLORADO LICENSED ELWOOD BARRY GILES 38150 PROFESSIONAL LAND SURVEYOR

Elwood Barry Giles Aug. 9, 2011
ELWOOD BARRY GILES DATE
COLORADO LS 38150

Rev. 8/9/11: Update Cert.

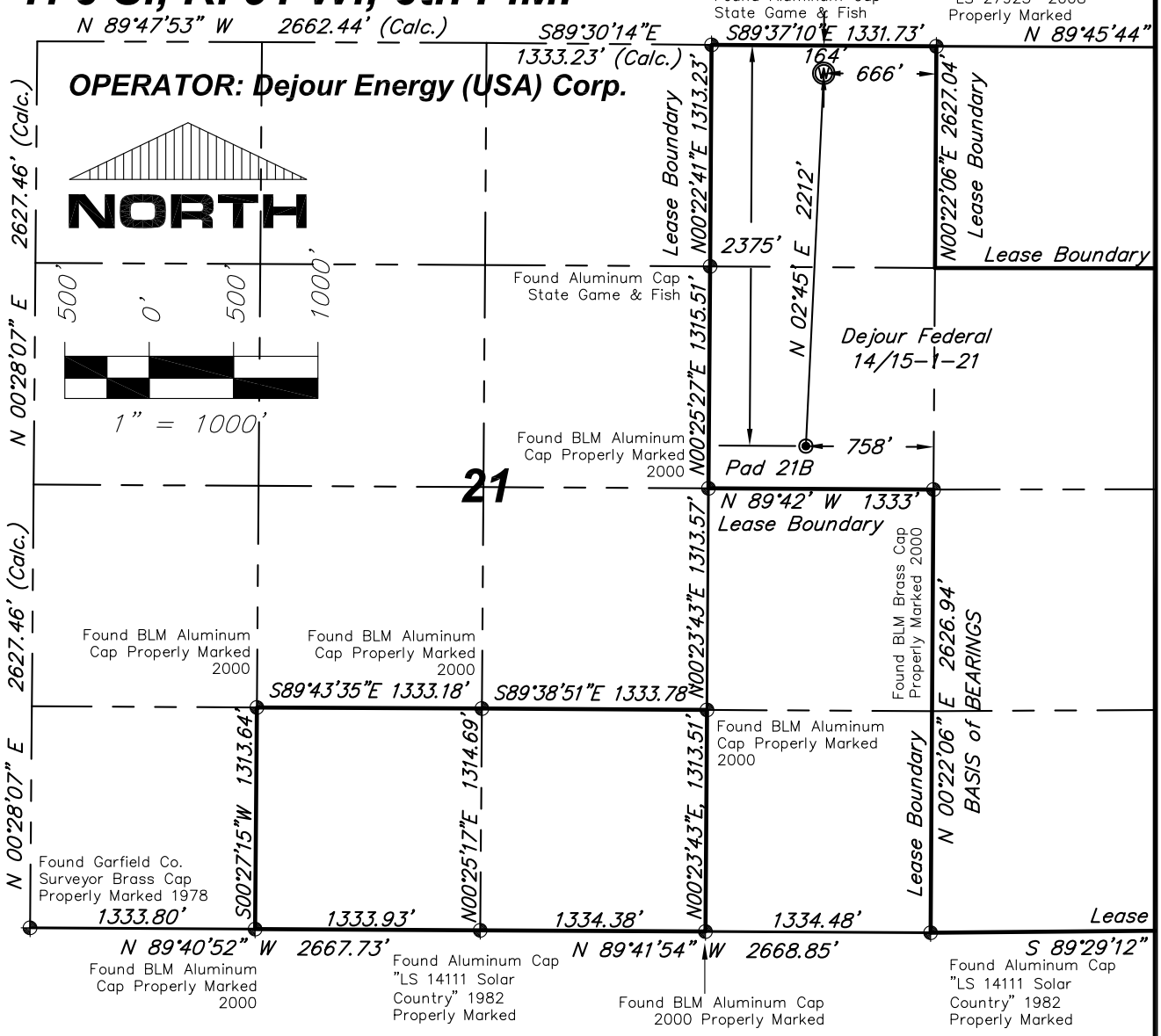
SGM INC.
118 W. 6th Street, Suite 200
Glenwood Springs, Co. 81601
(970)945-1004 www.SGM-Inc.com
320 Third St. Meeker, Co. 81641

1" = 1000'
Sheet 1F of 9
Federal 14/15-5-21

Well Location Plat – Federal 14/15-5-21
SE¼NE¼, Section 21, T.6S., R.91W., 6TH P.M.

Job# 2010-112.001 | Date: 6/15/2011 | By: BG | File: APD_Pad21B

T. 6 S., R. 91 W., 6th P.M.



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FEDERAL 14/15-1-21 NAD83	
SURFACE HOLE LOCATION	SECTION LINE TIES
LATITUDE = 39.514322°N	FEL = 758'
LONGITUDE = 107.552555°W	FNL = 2375'
BOTTOM HOLE LOCATION	
LATITUDE = 39.520392°N	FEL = 666'
LONGITUDE = 107.552356°W	FNL = 164'

LEGEND:

- ✚ – FOUND MONUMENT AS DESCRIBED HEREON
- ◉ – SURFACE HOLE LOCATION (SHL)
- Ⓦ – BOTTOM HOLE LOCATION (BHL)

SURVEYORS STATEMENT:

I, ELWOOD BARRY GILES, BEING A REGISTERED LAND SURVEYOR IN THE STATE OF COLORADO, DO HERBY CERTIFY THAT THIS PLAT REPRESENTS A SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION BETWEEN APRIL, 2010 & JANUARY, 2011, AND IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE REFERENCE POINT WAS STAKED IN THE FIELD AS SHOWN HEREON APRIL 21, 2010.

COLORADO LICENSED PROFESSIONAL LAND SURVEYOR ELWOOD BARRY GILES 38150

Elwood Barry Giles — Aug. 9, 2011

ELWOOD BARRY GILES — DATE
COLORADO LS 38150

Rev. 8/9/11: Update Cert.

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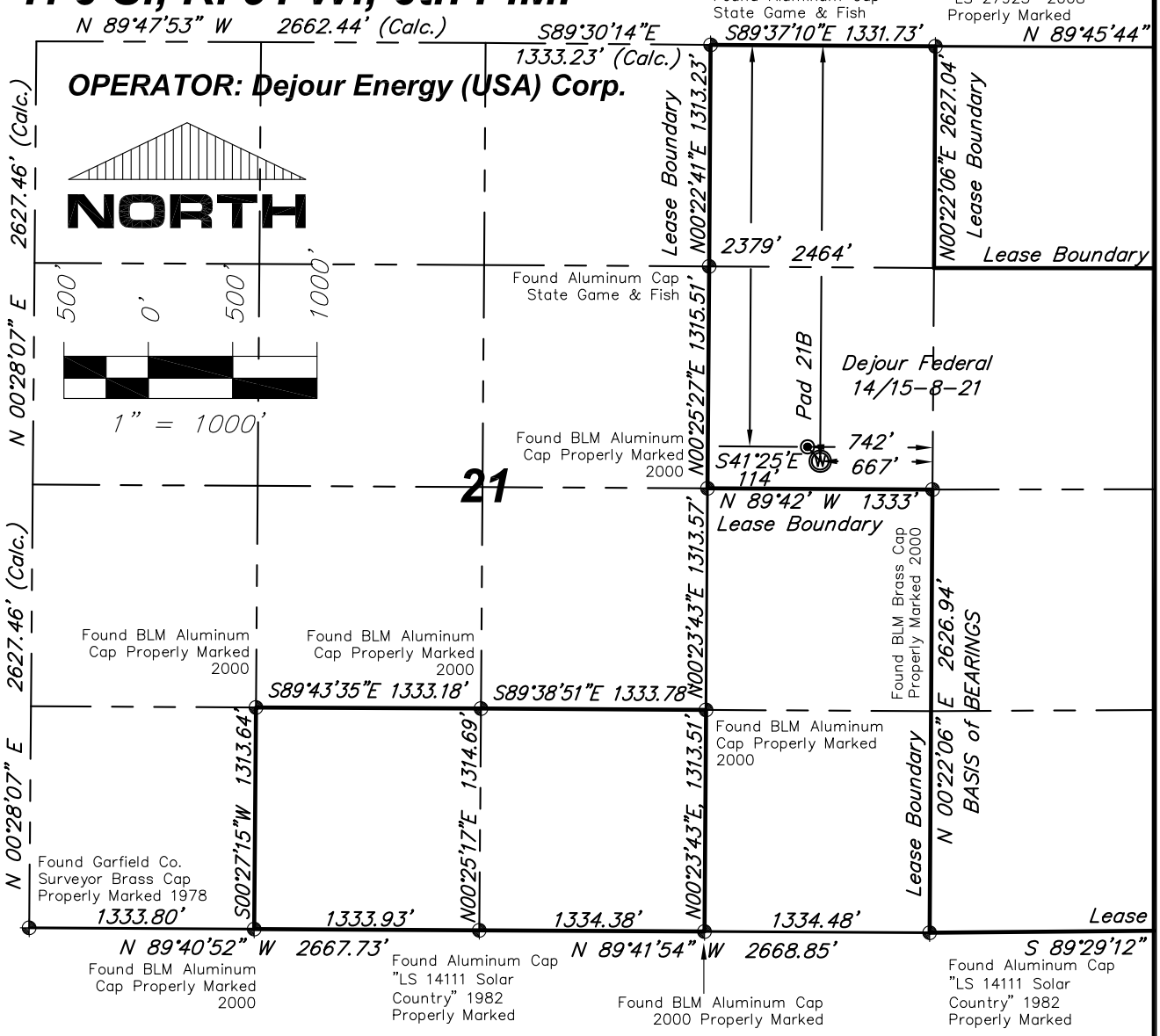
320 Third St. Meeker, Co. 81641

1" = 1000'
Sheet 1G of 9
Federal 14/15-1-21

Well Location Plat – Federal 14/15-1-21
NE¼NE¼, Section 21, T.6S., R.91W., 6TH P.M.

Job# 2010-112.001 | Date: 6/15/2011 | By: BG | File: APD_Pad21B

T. 6 S., R. 91 W., 6th P.M.



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FEDERAL 14/15-8-21 NAD83	
SURFACE HOLE LOCATION	SECTION LINE TIES
LATITUDE = 39.514311°N	FEL = 742'
LONGITUDE = 107.552500°W	FNL = 2379'
BOTTOM HOLE LOCATION	
LATITUDE = 39.514082°N	FEL = 667'
LONGITUDE = 107.552227°W	FNL = 2464'

LEGEND:

- ✚ – FOUND MONUMENT AS DESCRIBED HEREON
- ◉ – SURFACE HOLE LOCATION (SHL)
- Ⓦ – BOTTOM HOLE LOCATION (BHL)

SURVEYORS STATEMENT:

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COLORADO LICENSED ELWOOD BARRY GILES 38150 PROFESSIONAL LAND SURVEYOR

Elwood Barry Giles — Aug. 9, 2011

ELWOOD BARRY GILES — DATE
COLORADO LS 38150

Rev. 8/9/11: Update Cert.

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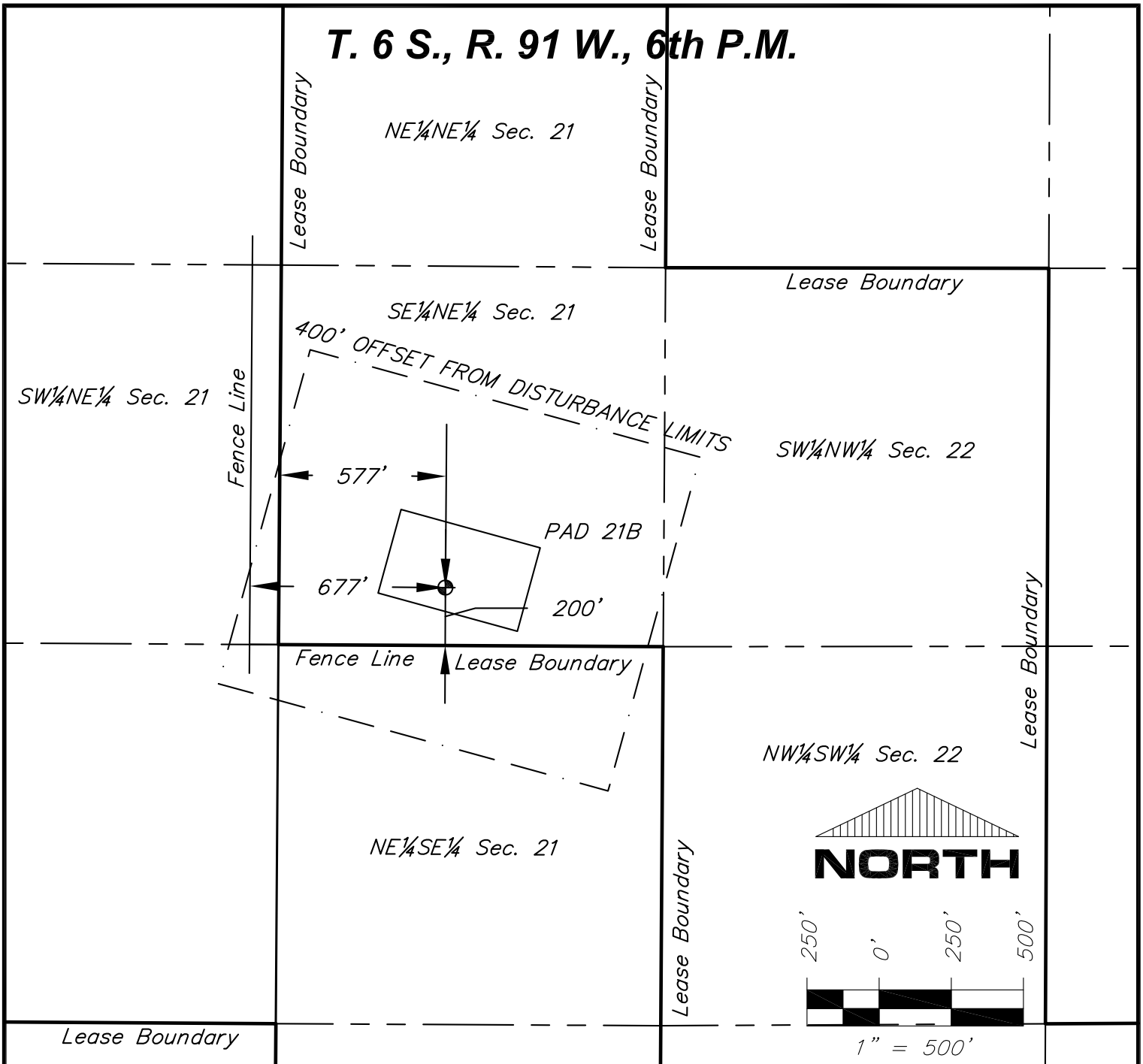
1" = 1000'
Sheet 1H of 9
Federal 14/15-8-21

Well Location Plat – Federal 14/15-8-21
SE¼NE¼, Section 21, T.6S., R.91W., 6TH P.M.

Job# 2010-112.001 | Date: 6/15/2011 | By: BG | File: APD_Pad21B

T. 6 S., R. 91 W., 6th P.M.



Dejour Energy (USA) Corp.
Proposed Pad 21-B
Reference Point = ⊕
Center of Pad Stake
Lat.: 39.514178°N
Long.: 107.552546°W
NAD83

SURVEYORS STATEMENT:

I, ELWOOD BARRY GILES, BEING A REGISTERED LAND SURVEYOR IN THE STATE OF COLORADO, DO HERBY CERTIFY THAT THIS PLAT REPRESENTS A SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION BETWEEN APRIL, 2010 & JANUARY, 2011, AND IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE REFERENCE POINT WAS STAKED IN THE FIELD AS SHOWN HEREON APRIL 21, 2010.

Elwood Barry Giles — July 19, 2011

ELWOOD BARRY GILES — DATE
COLORADO LS 38150

COLORADO LICENSED PROFESSIONAL LAND SURVEYOR

Revised 7/19/11: Update cert to Reference Point staking

SGM INC. 118 W. 6th Street, Suite 200 Glenwood Springs, Co. 81601 (970)945-1004 www.SGM-Inc.com 320 Third St. Meeker, Co. 81641	1" = 500' Sheet 11 of 9 Dejour Pad 21-B	Addendum to Well Location Plat for Dejour energy (USA) Corp. Pad 21-B T.6S., R.91W., 6th P.M., Garfield County, Colorado	
		Job# 2010-112.001	Date: 5/12/2011 By: BG File: APD_Pad21B

Notes:

1. Contact utility line locators before digging. CALL 811

2. Earth work quantities are estimated and should be used at contractors own discretion.

3. Earth work is based on the removal of 6 inches of topsoil on all disturbed areas

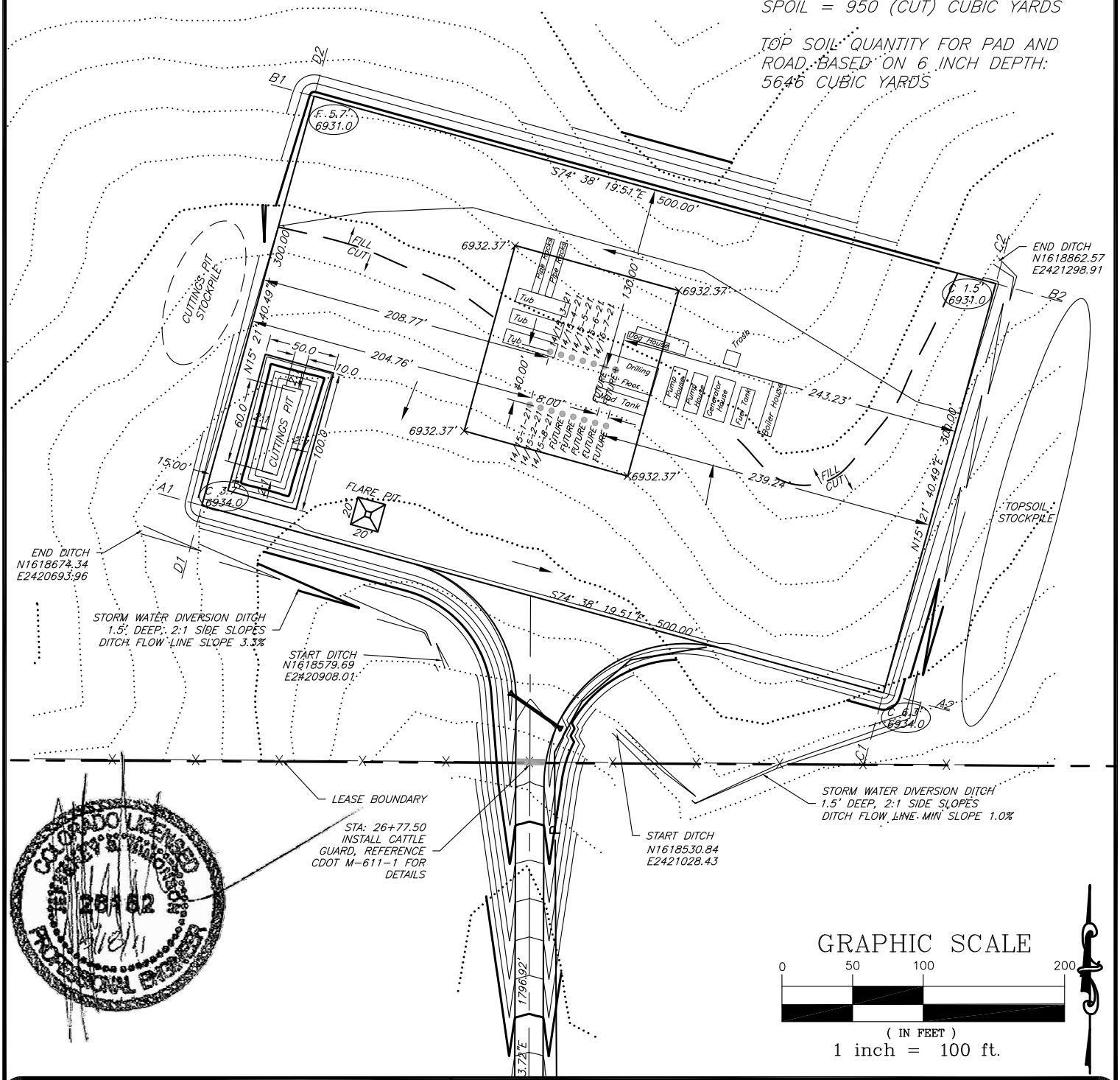
4. ROAD SURFACES TO BE FINISHED WITH 6 INCHES OF CLASS 6 ROAD BASE AFTER INSTALLATION OF PIPELINE

CUTTINGS PIT
Capacity with 2' freeboard = 2843 Bbls
Total Pit Volume = 928 CY

DISTURBED AREA = 3.96 ACRES
CUT SLOPES: 2:1
FILL SLOPES: 3:1
PAD QUANTITIES:
TOTAL CUT = 11002 CUBIC YARDS
TOTAL FILL = 11772 CUBIC YARDS
SPOIL = 770 (FILL) CUBIC YARDS
SPOIL DOES NOT INCLUDE TOP SOIL

ROAD QUANTITIES:
TOTAL CUT: 5750 CUBIC YARDS
TOTAL FILL: 4800 CUBIC YARDS
SPOIL = 950 (CUT) CUBIC YARDS

TOP SOIL QUANTITY FOR PAD AND ROAD BASED ON 6 INCH DEPTH:
5646 CUBIC YARDS



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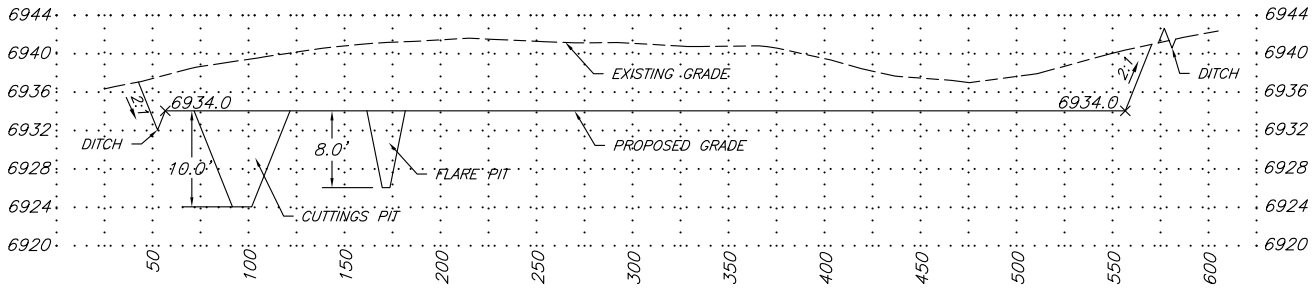
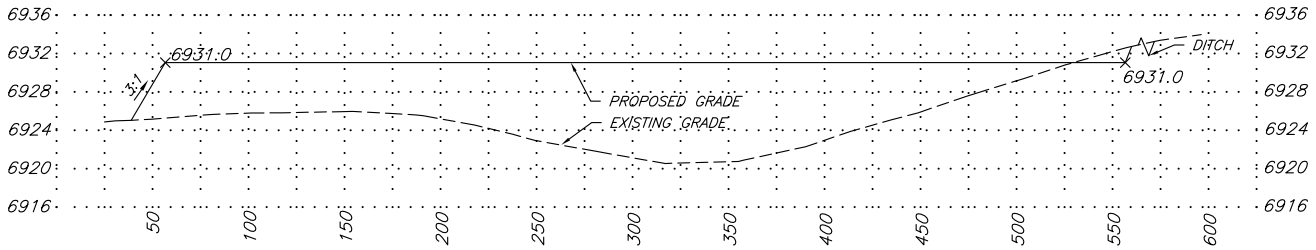
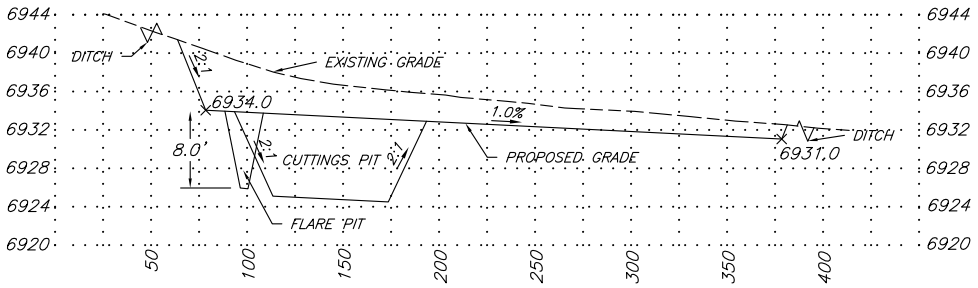
Scale: 1" = 100'	Construction Layout		
Sheet 2A of 9	SE1/4NE1/4 Section 21, T.6S., R91W., 6TH P.M.		
Pad 21B	Job# 2010-112.001	Date: 9.14.11	By: DCS	File: Pad 21B BM.dwg



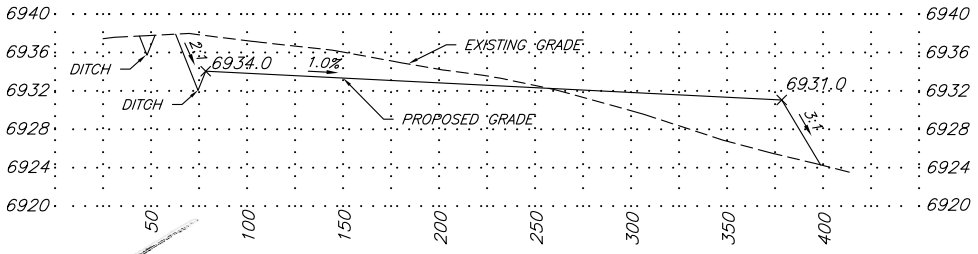
Section A1–A2



Section B1–B2



Section C1–C2



Section D1–D2

SCALE: 1"=100' HORZ
1"=20' VERT

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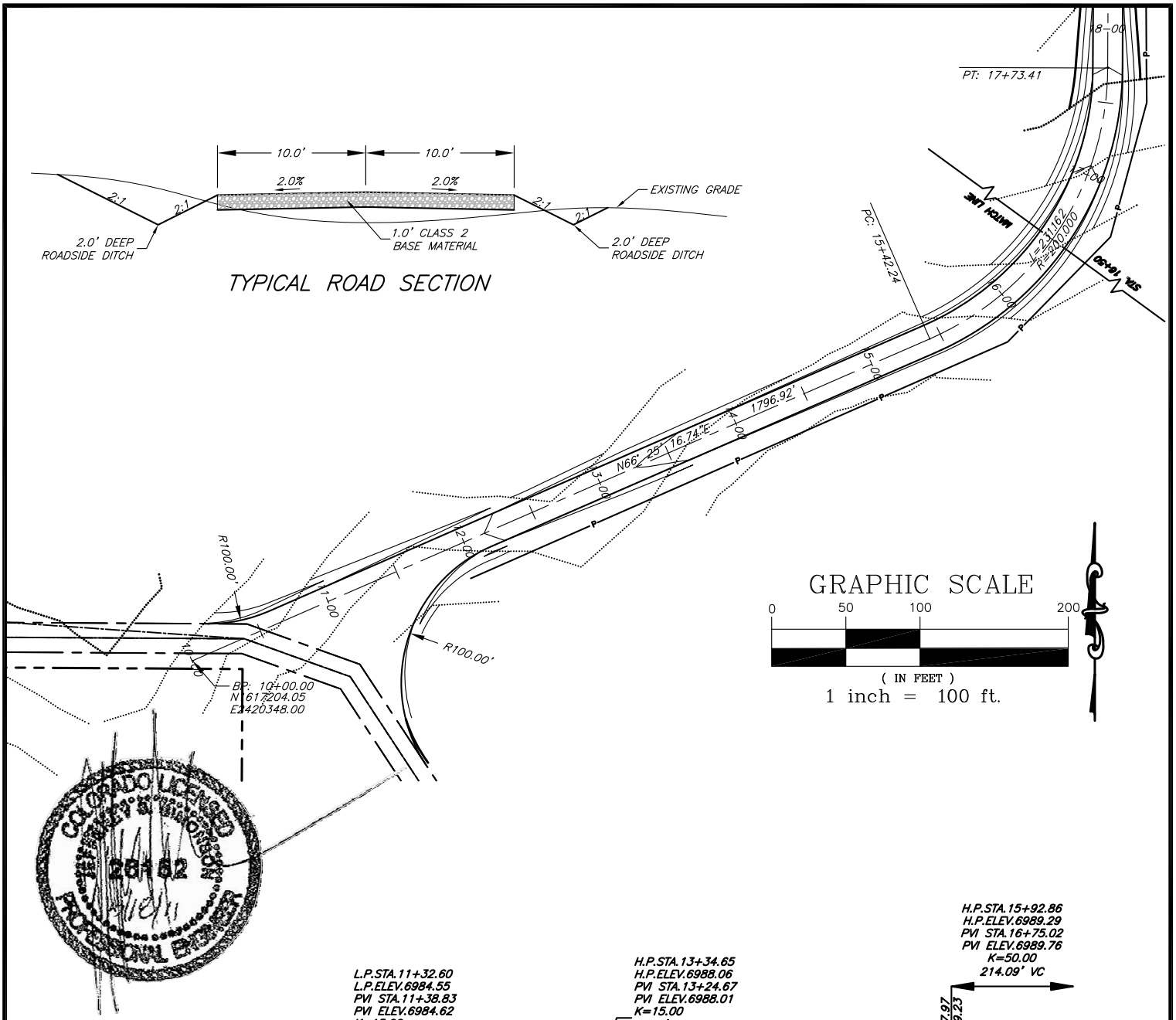
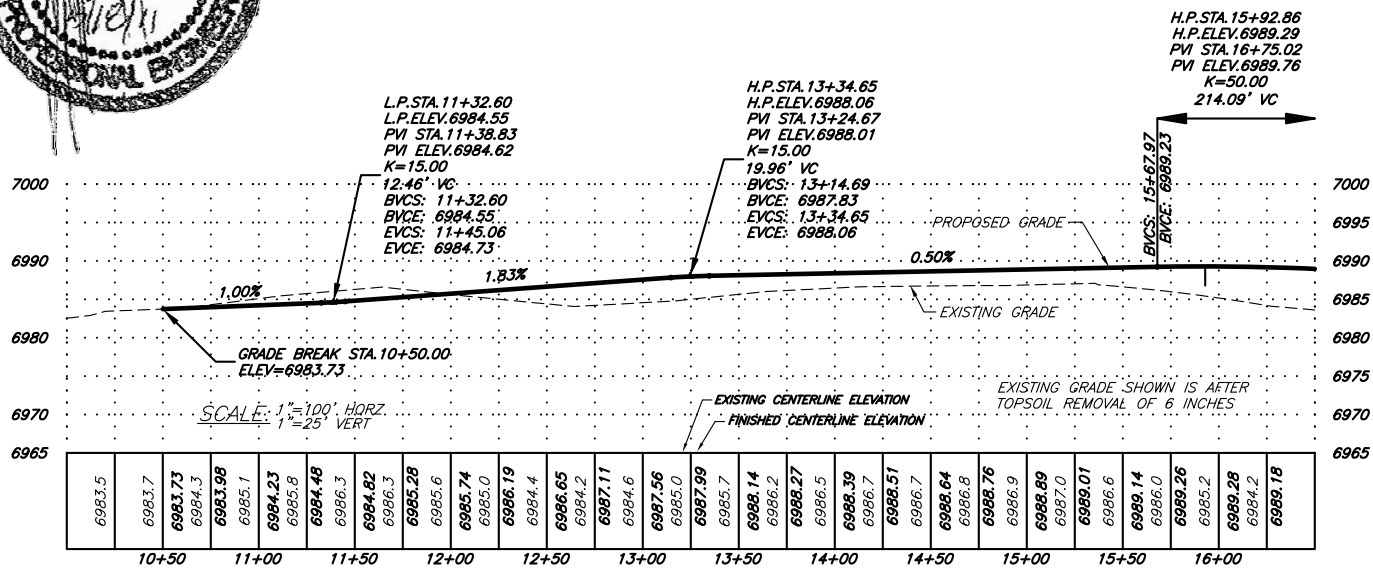
Scale: 1" = 100'	Cross–Sections	
Sheet 2B of 9	SE1/4NE1/4 Section 21, T.6S., R91W., 6TH P.M.	
Pad 21B	Job# 2010–112.001	Date: 9.14.11	By: DCS	File: Pad 21B BM.dwg





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Scale: 1" = 100'

Sheet 2C of 9

Pad 21B

Access Road Plan & Profile

SE1/4NE1/4 Section 21, T.6S., R91W., 6TH P.M.

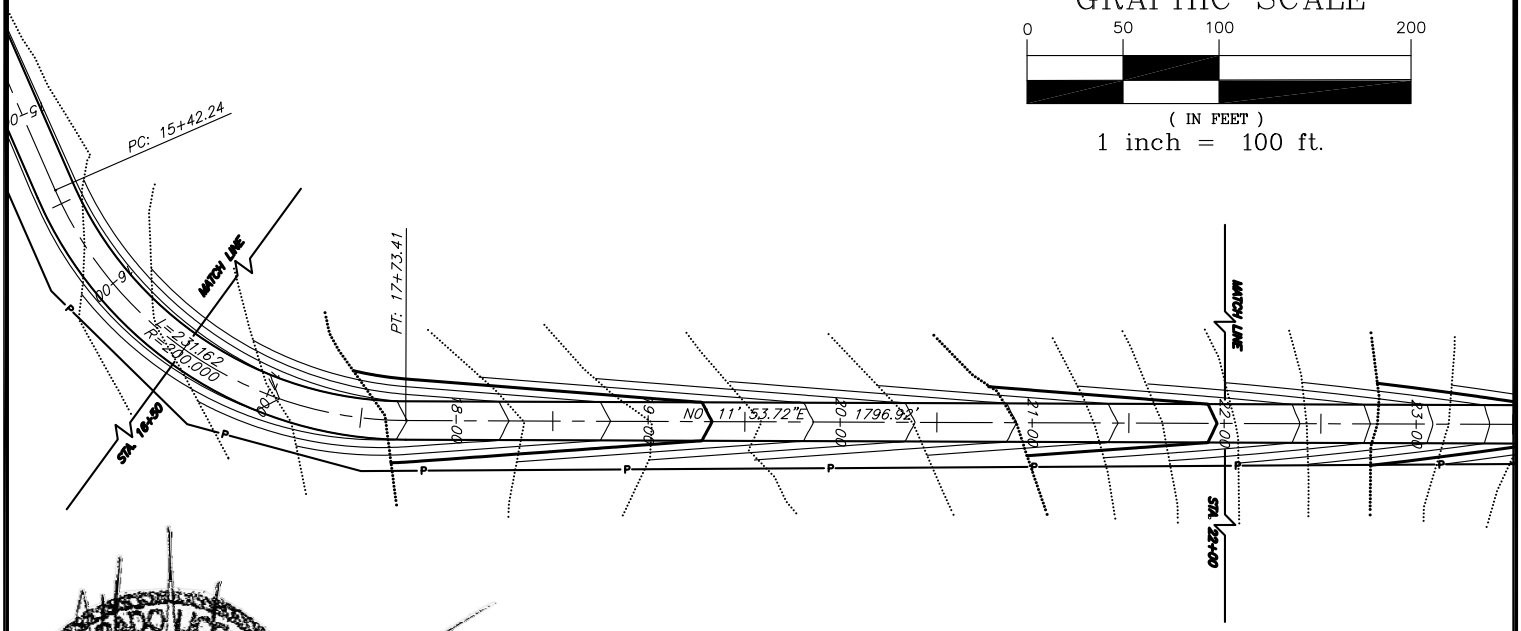
Job# 2010-112.001 | Date: 9.14.11 | By: DCS | File: Pad 21B BM.dwg

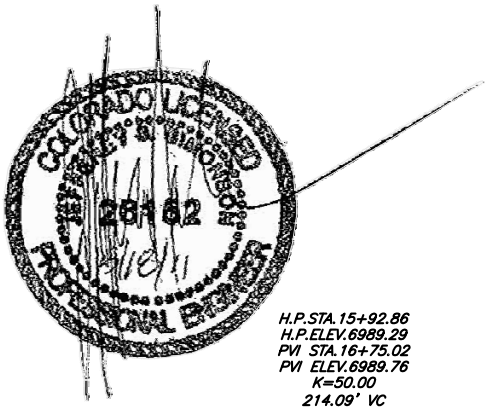
GRAPHIC SCALE

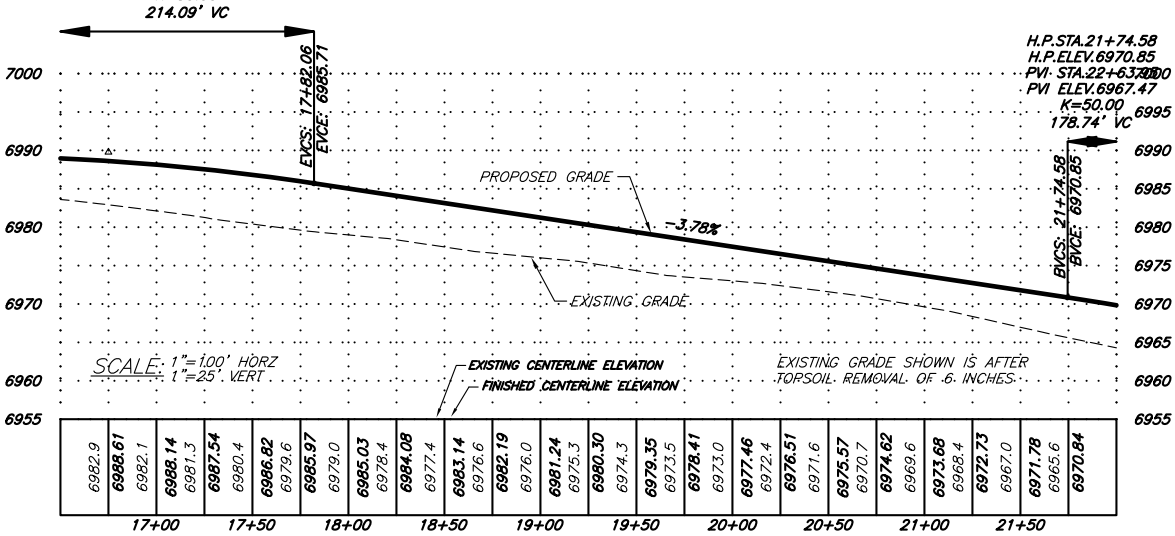
0 50 100 200

(IN FEET)

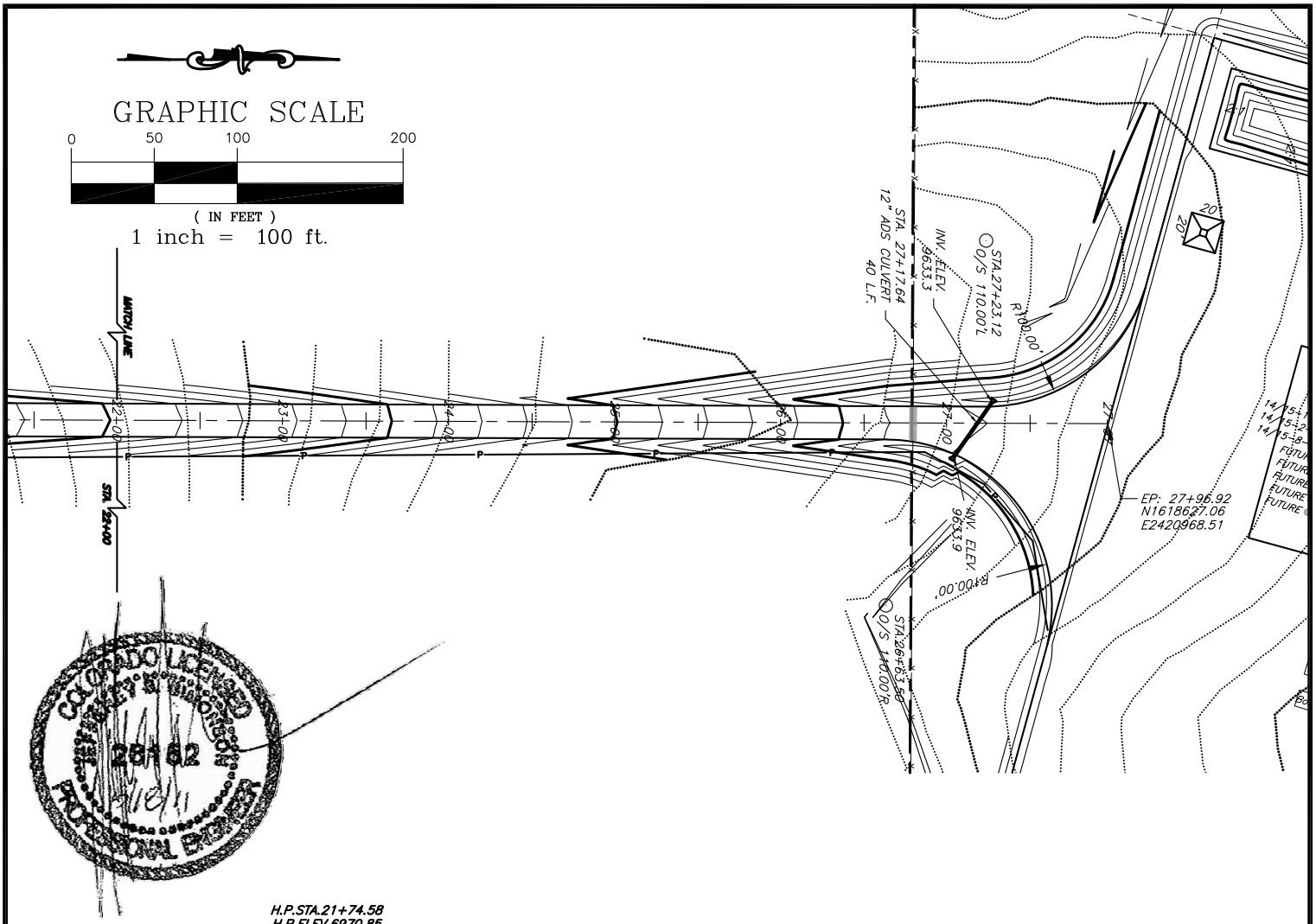
1 inch = 100 ft.

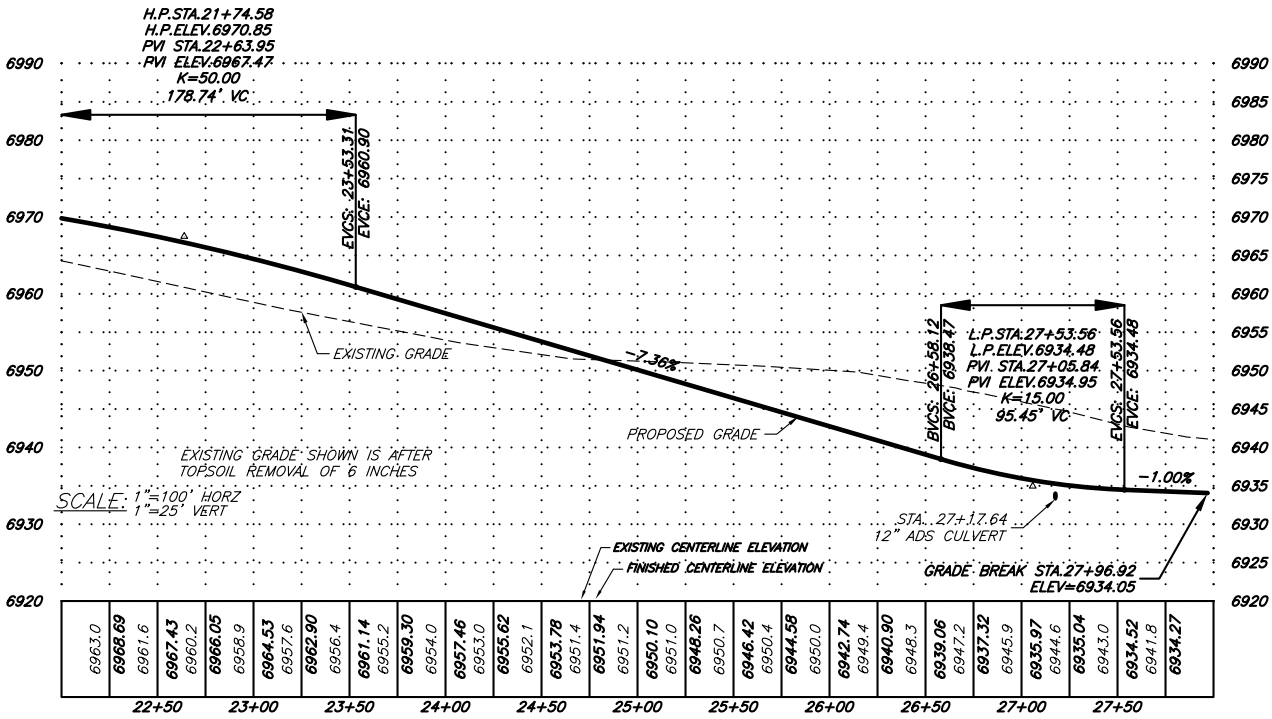






DSJ	SGM INC. 118 W. 6th Street, Suite 200 Glenwood Springs, Colorado 81601 (970) 945-1004 (FAX 945-5948) Aspen, Colorado (970) 925-6727	Scale: 1" = 100' Sheet 2D of 9 Pad 21B	Access Road Plan & Profile SE1/4NE1/4 Section 21, T.6S., R91W., 6TH P.M. Job# 2010-112.001 Date: 9.14.11 By: DCS File: Pad 21B BM.dwg





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Scale: 1" = 100'

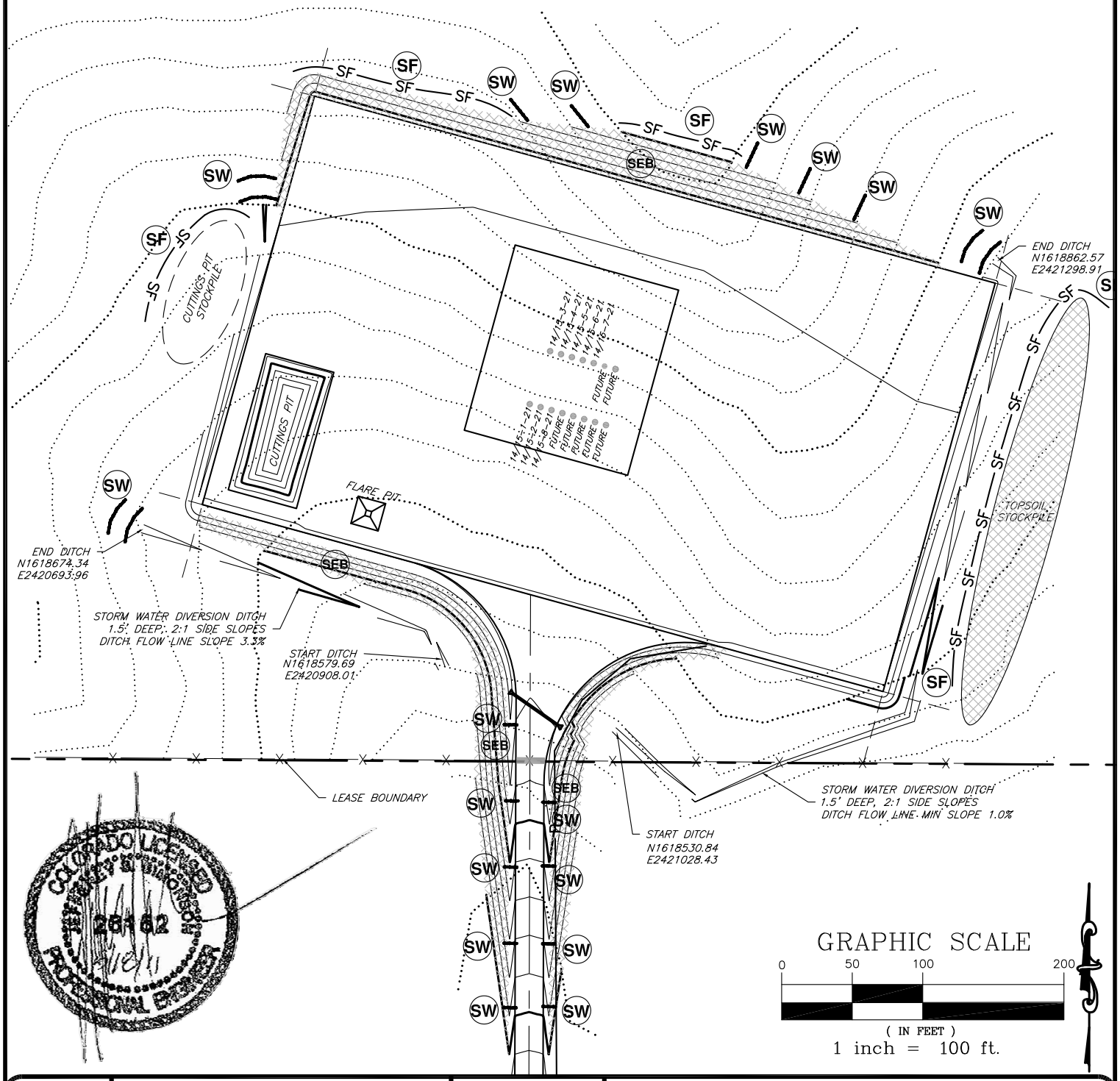
Sheet 2E of 9

Pad 21B

Access Road Plan & Profile

SE1/4NE1/4 Section 21, T.6S., R91W., 6TH P.M.

Job# 2010-112.001 | Date: 9.14.11 | By: DCS | File: Pad 21B BM.dwg



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Scale: 1" = 100'

Sheet 2F of 9

Pad 21B

SWMP

SE1/4NE1/4 Section 21, T.6S., R91W., 6TH P.M.

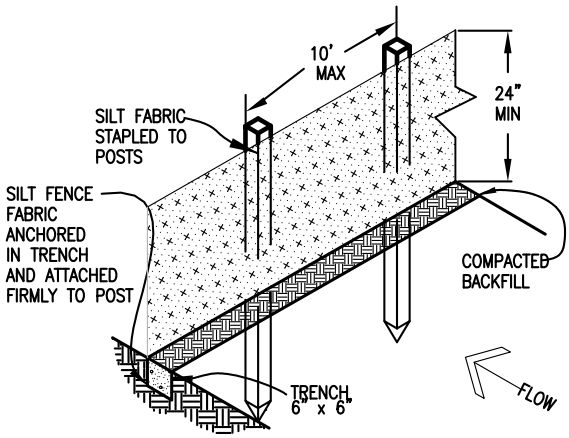
Job# 2010-112.001 | Date: 9.14.11 | By: DCS | File: Pad 21B BM.dwg

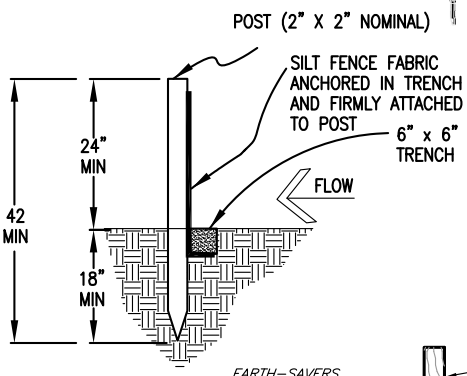
SF	—— SF —— SF ——	SILT FENCE
SW		STRAW WATTLE
SEB		SOIL EROSION BLANKET

A temporary sediment barrier constructed of posts, filter fabric and, in some cases, a wire support fence, placed across or near the toe of a slope or in a minor drainage way to intercept and detain sediment and decrease flow velocities from drainage areas of limited size; applicable where sheet and rill or small concentrated flows may be a problem.

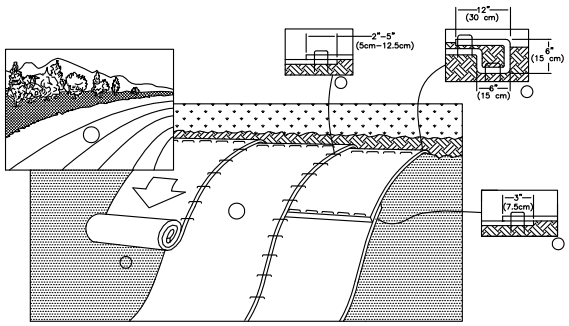
A temporary sediment barrier composed of netted straw rolls placed parallel with grade of slope to intercept and detain flow to allow sediment to settle; for low flow velocities where sheet and rill erosion potential is low. Install to manufacturer specs.

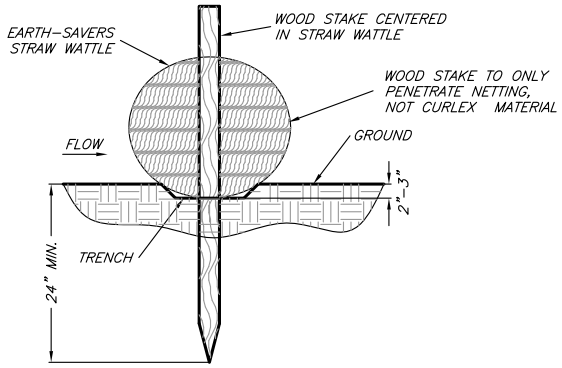
Apply to all new fill slopes steeper than. 4:1 . See slope installation detail





SILT FENCE





STRAW WATTLE INSTALLATION DETAIL

N.T.S

1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP's), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
   NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP's IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) OF RECP's EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECP's WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30 CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30 CM) PORTION OF RECP's BACK OVER SEED AND COMPACTED SOIL. SECURE RECP's OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30 CM) APART ACROSS THE WIDTH OF THE RECP's.
3. ROLL THE RECP's (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. RECP's WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECP's MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM™ , STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. THE EDGES OF PARALLEL RECP's MUST BE STAPLED WITH APPROXIMATELY 2" – 5" (5 CM – 12.5 CM) OVERLAP DEPENDING ON RECP's TYPE.
5. CONSECUTIVE RECP's SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5 CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30 CM) APART ACROSS ENTIRE RECP's WIDTH.
   NOTE:
   *IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15 CM) MAY BE NECESSARY TO PROPERLY SECURE THE RECP's.

SLOPE INSTALLATION

SEEDING PLAN

SEEDING (RIGHT-OF-WAY)

SOIL PREPARATION, FERTILIZER, SEEDING, MULCHING (WEED FREE) AND MULCH TACKIFIER WILL BE REQUIRED FOR AN ESTIMATED 0.9 ACRES OF DISTURBED AREA WITHIN THE RIGHT-OF-WAY LIMITS WHICH ARE NOT SURFACED. THE FOLLOWING TYPES AND RATES SHALL BE USED:

COMMON NAME	SCIENTIFIC NAME	LBS PLS/ACRE
"ARRIBA" WESTERN WHEATGRASS	PASCOPYRUM SMITHII	5.0
SAND DROPSEED	SPOROBOLUS CRYPTANDRUS	1.0
"SALADO" ALKALI SACATON	SPOROBOLUS AIROIDES	2.0
"PALOMA" INDIAN RICEGRASS	ORYZOPSIS HYMENOIDES	3.0
"CHEYENNE" INDIANGRASS	SORGHASTRUM NUTANS	4.0
"CIMARRON" LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM	4.0
"BROMAR" MOUNTAIN BROME	BROMUS MARGINATUS	6.0
TOTAL		25.0 LBS

*APPLY SEED MIX TO ALL TOPSOIL AREAS AND SOIL EROSION BLANKET AREAS BEFORE BLANKET IS INSTALLED.

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Scale: 1" = 100'

Sheet 2G of 9

Pad 21B

SWMP Details

SE1/4NE1/4 Section 21, T.6S., R91W., 6TH P.M.

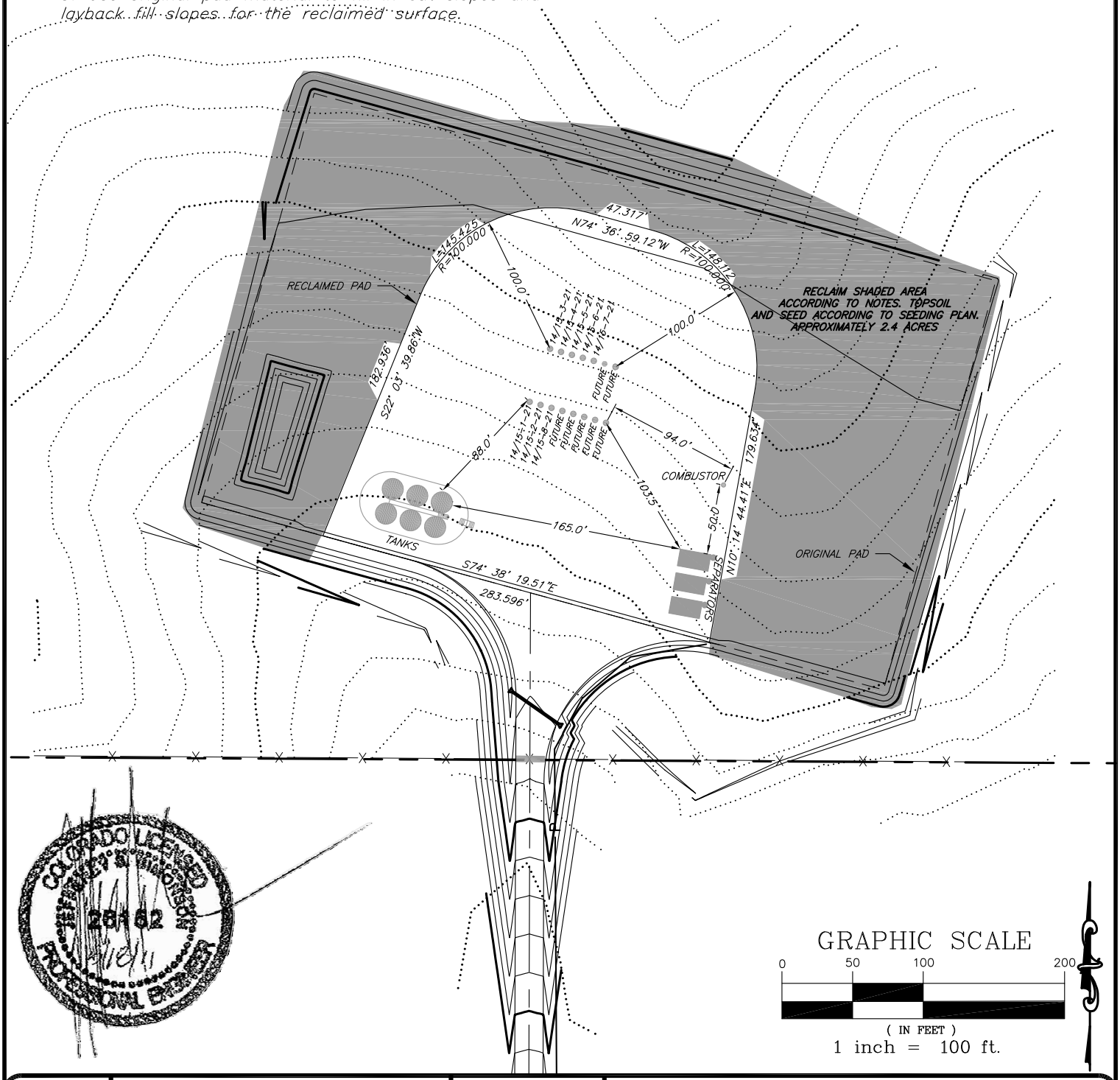
Job# 2010-112.001 | Date: 9.14.11 | By: DCS | File: Pad 21B BM.dwg

Notes:

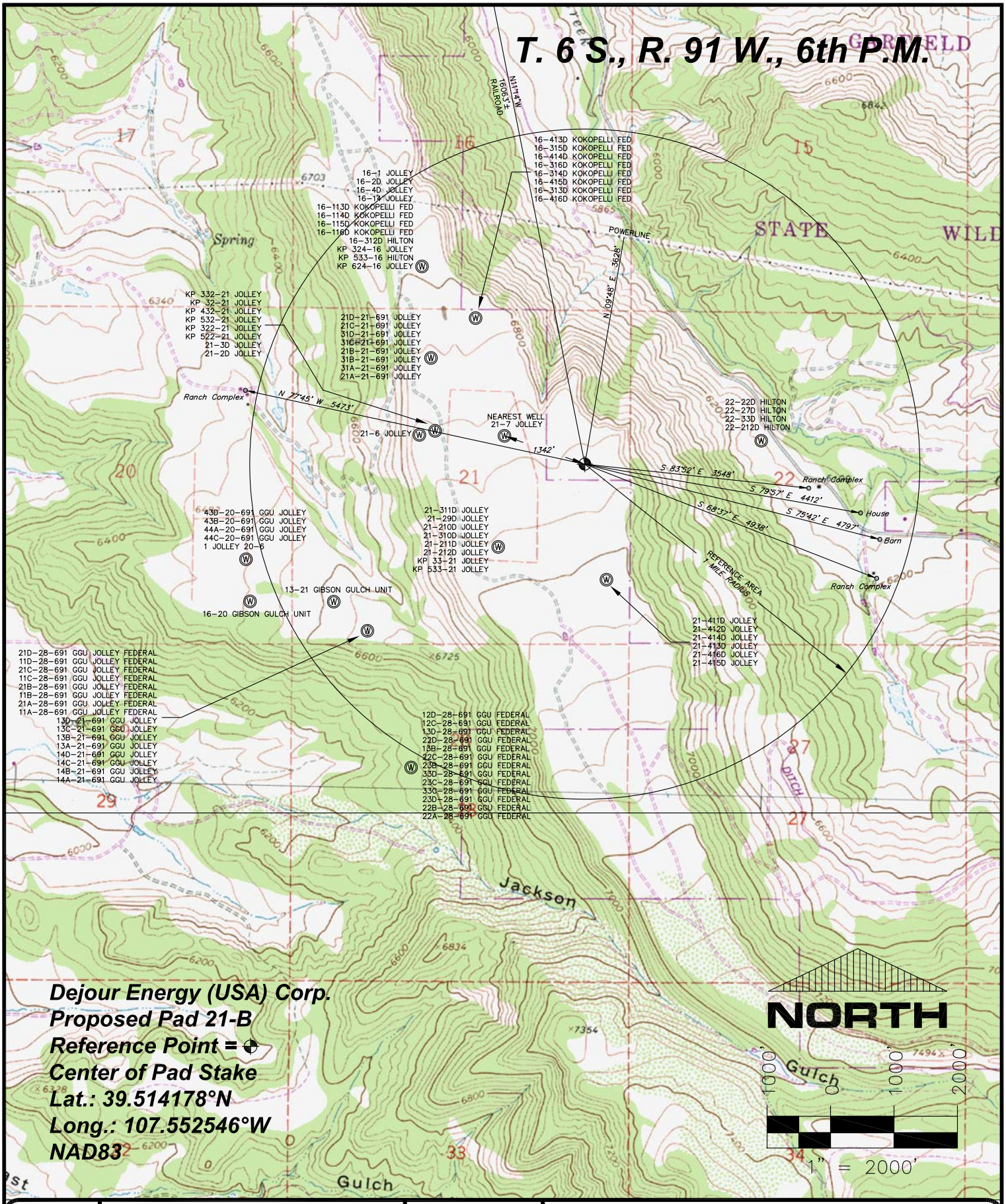
1. Topsoil and seed new cut and fill slopes and new disturbed areas for reclaimed pad according to specs on sheet 2F.

2. Cut slopes to be no steeper than 3:1 and fill slopes to be no steeper than 4:1, minimize disturbance on previously undisturbed ground.

3. Use original pad material to fill in cut slopes and layback fill slopes for the reclaimed surface.



DSJ	SGM INC. 118 W. 6th Street, Suite 200 Glenwood Springs, Colorado 81601 (970) 945-1004 (FAX 945-5948) Aspen, Colorado (970) 925-6727	Scale: 1" = 100' Sheet 2H of 9 Pad 21B	Reclamation Plan SE1/4NE1/4 Section 21, T.6S., R91W., 6TH P.M. Job# 2010-112.001 Date: 9.14.11 By: DCS File: Pad 21B BM.dwg



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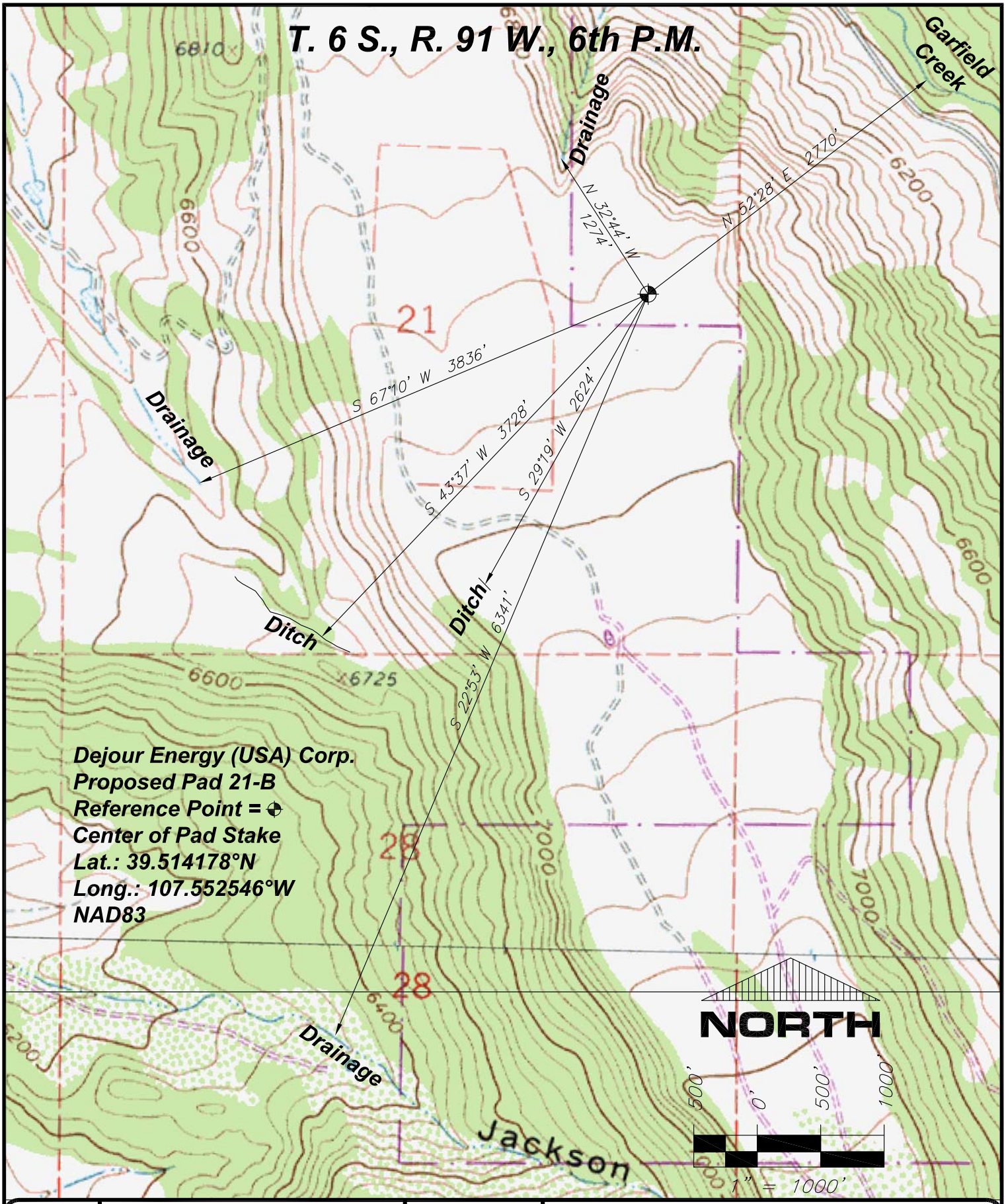
1" = 2000'

Sheet 3 of 9

Dejour Pad 21B

Topographic & Reference Area Map
Dejour Energy (USA) Corp. Pad 21-B

Job#	Date:	By:	File:
2010-112.001	4/29/2011	BG	APD_Pad21B



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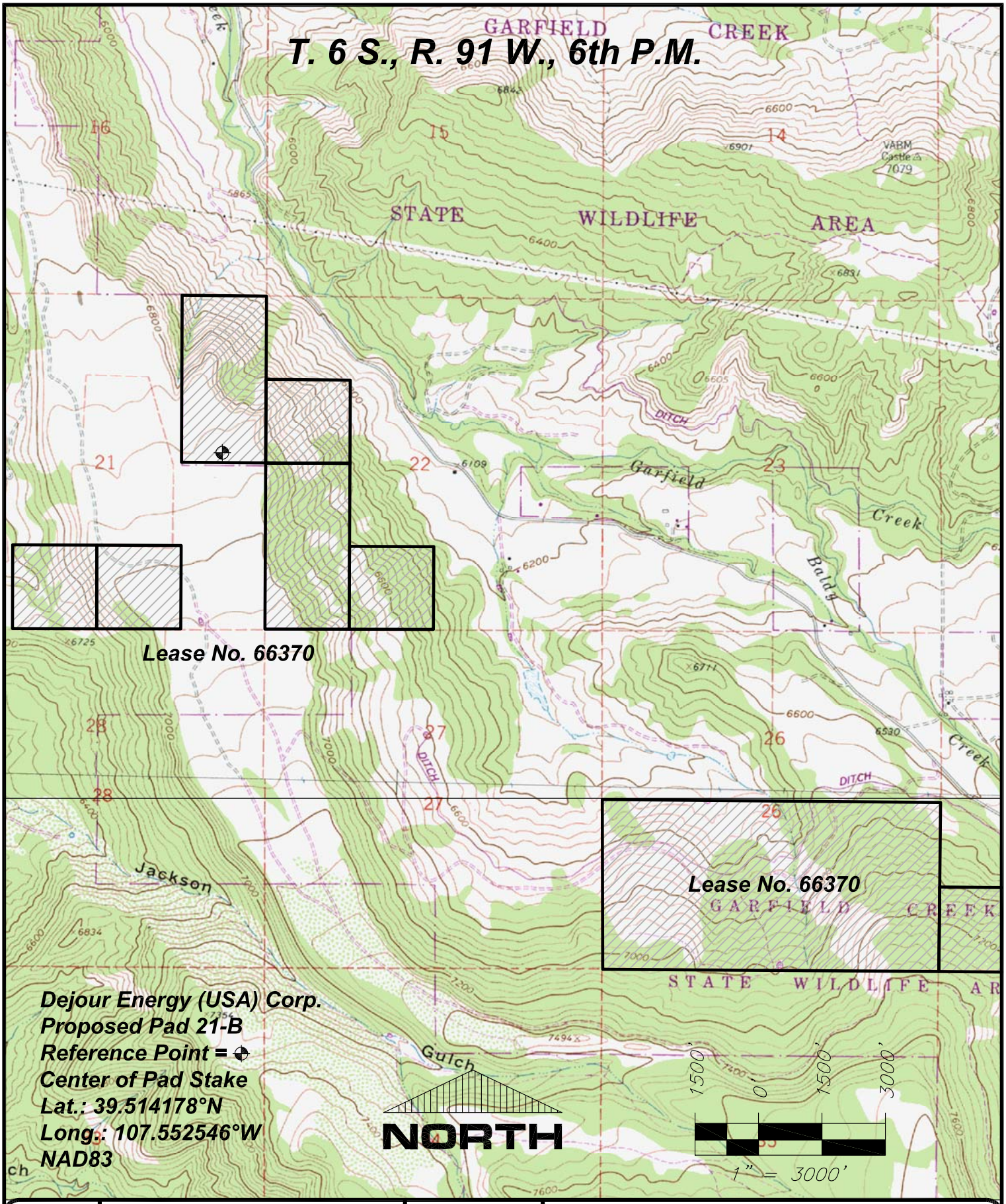
1" = 1000'	Hydrology Map for Dejour energy (USA) Corp. Pad 21-B
Sheet 4 of 9	T.6S., R.91W., 6th P.M., Garfield County, Colorado
Dejour Pad 21-B	Job# 2010-112.001 · Date: 4/29/2011 · By: BG · File: APD_Pad21B



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1" = 2000'

Sheet 5 of 9

Dejour Pad 21B

Lease No. 66370 in Portions of Sections 21,22,25&26
T.6S., R.91W., 6th P.M., Garfield County, Colorado

Job# 2010-112.001 | Date: 4/29/2011 | By: BG | File: APD_Pad21B

Looking East from Reference Point
May 21, 2010

Looking West from Reference Point
May 21, 2010

Looking North from Reference Point
May 21, 2010

Looking South from Reference Point
May 21, 2010

Dejour Energy (USA) Corp.
Proposed Pad 21-B
Reference Point = ⌖
Center of Pad Stake
Lat.: 39.514178°N
Long.: 107.552546°W
NAD83

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NO SCALE

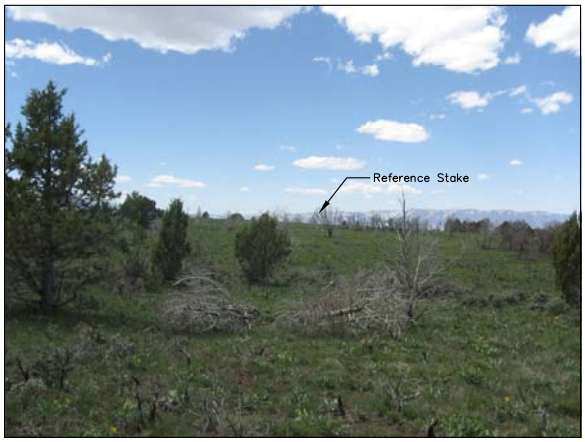
Sheet 6 of 9

Dejour Pad 21B

Location Pictures of Dejour Energy (USA) Corp. Pad 21-B
SE¼NE¼ Sec. 21, T.6S., R.91W., 6th P.M., Garfield County, Colorado

Job# 2010-112.001 | Date: 4/29/2011 | By: BG | File: APD_Pad21B

Looking East toward Reference Point
May 21, 2010



Looking West toward Reference Point
May 21, 2010

Looking North toward Reference Point
May 21, 2010

Looking South toward Reference Point
May 21, 2010

Dejour Energy (USA) Corp.
Proposed Pad 21-B
Reference Point = ⌖
Center of Pad Stake
Lat.: 39.514178°N
Long.: 107.552546°W
NAD83

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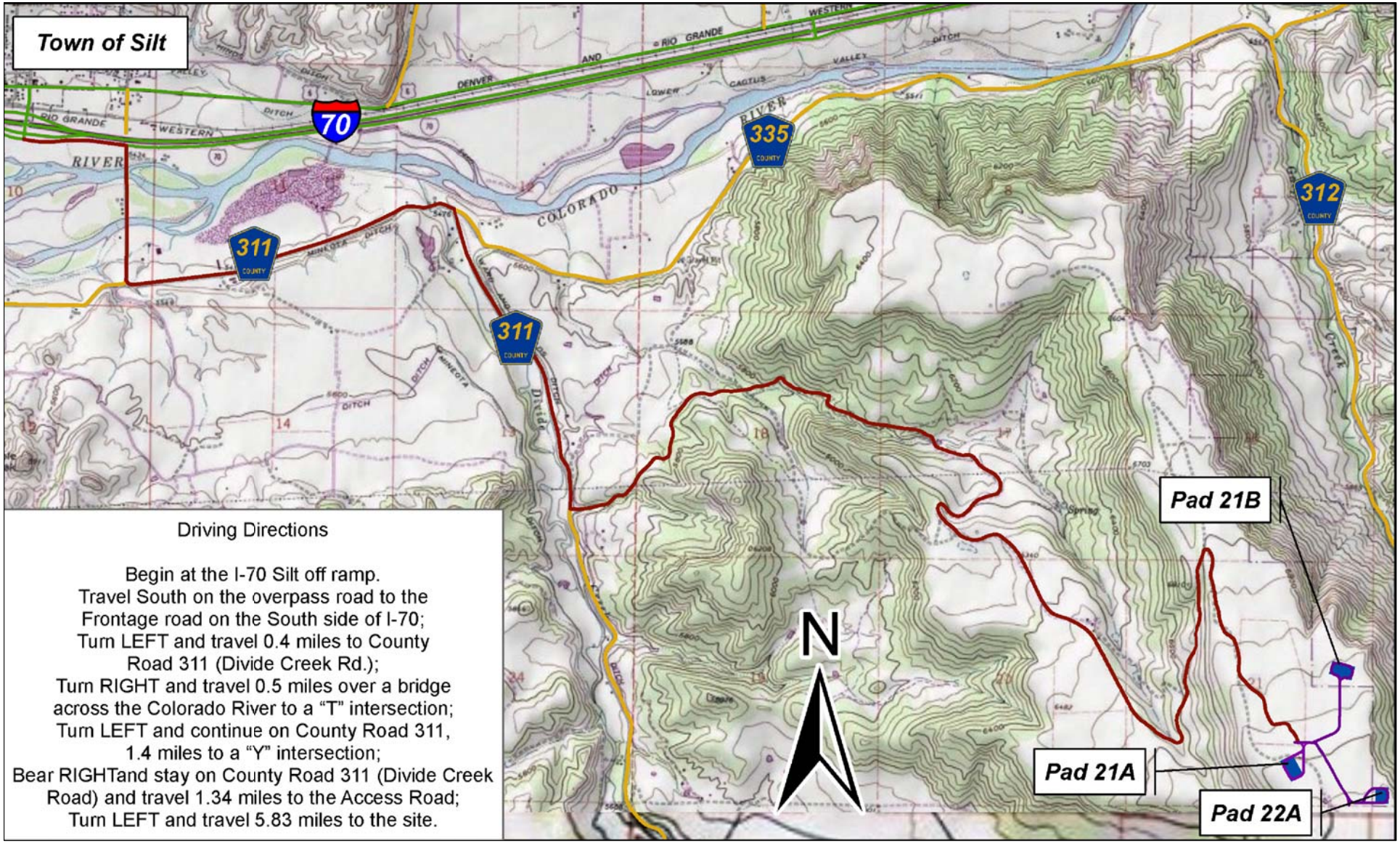
NO SCALE

Sheet 7 of 9

Dejour Pad 21B

Location Pictures of Dejour Energy (USA) Corp. Pad 21-B
SE¼NE¼ Sec. 21, T.6S., R.91W., 6th P.M., Garfield County, Colorado

Job# 2010-112.001 **Date:** 4/29/2011 **By:** BG **File:** APD_Pad21B



Driving Directions

Begin at the I-70 Silt off ramp.
Travel South on the overpass road to the Frontage road on the South side of I-70;
Turn LEFT and travel 0.4 miles to County Road 311 (Divide Creek Rd.);
Turn RIGHT and travel 0.5 miles over a bridge across the Colorado River to a "T" intersection;
Turn LEFT and continue on County Road 311, 1.4 miles to a "Y" intersection;
Bear RIGHTand stay on County Road 311 (Divide Creek Road) and travel 1.34 miles to the Access Road;
Turn LEFT and travel 5.83 miles to the site.

SCHMUESER | GORDON | MEYER
ENGINEERS | SURVEYORS

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Meeker, Colorado (970)878-5180

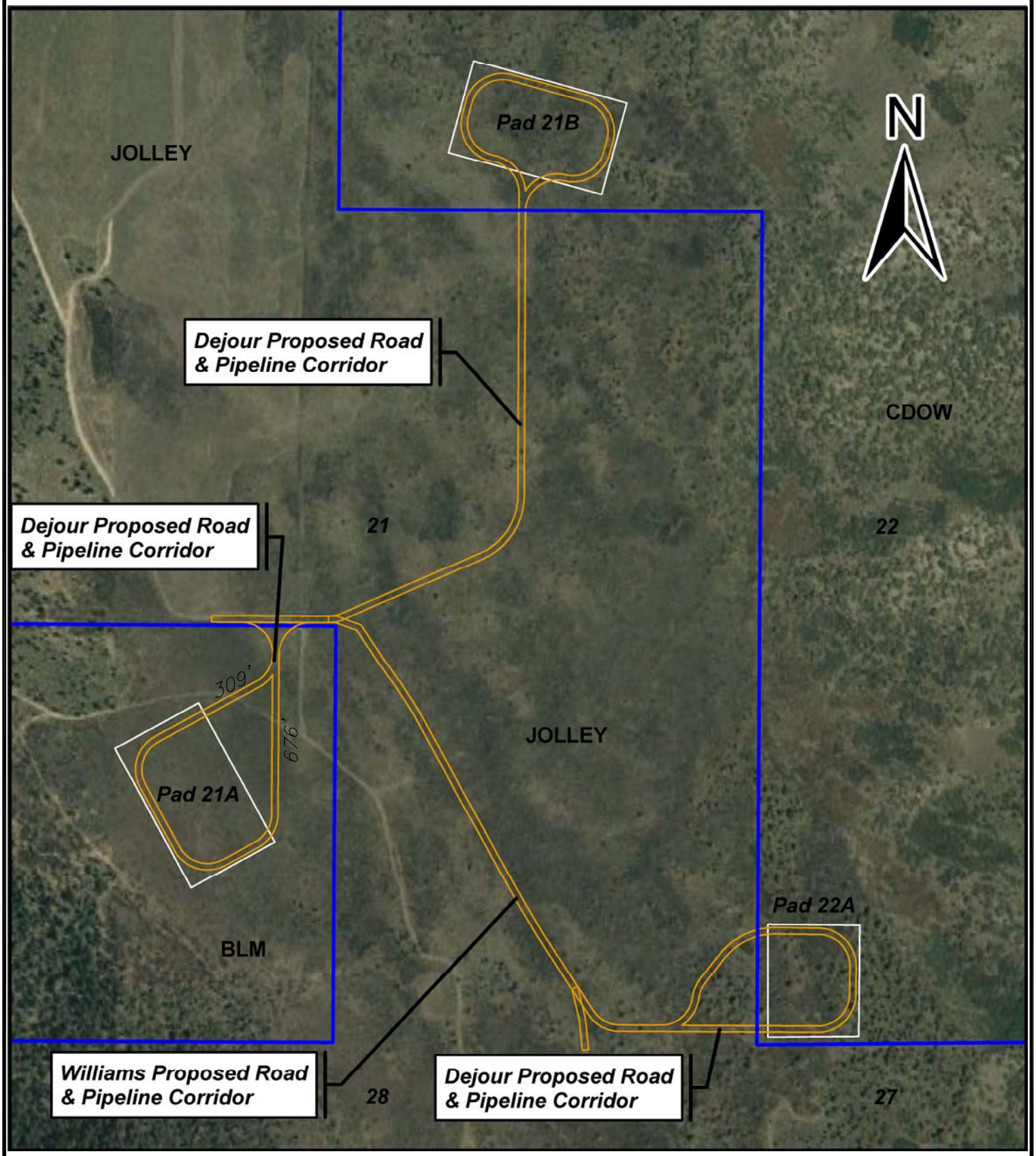
NO SCALE

Sheet 8 of 9

Pad 21A

Dejour Energy (USA) Pad 21A Access Map
Sec. 21, T.6S., R.91W., 6th P.M., Garfield County, CO

Job# 2010-112.001 | Date: 4/22/11 | By: BG | File: JM_Access



SGM INC.
118 W. 6th Street, Suite 200
Glenwood Springs, Colorado 81601
(970)945-1004 www.SGM-Inc.com
Meeker, Colorado (970)878-5180

NO SCALE

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Pad 21A

Dejour Energy (USA) – Access Map Detail
Pad 21A – Section 21, T.6S., R.91W., 6th P.M.

Job# 2010-112.001 | Date: 4/22/11 | By: BG | File: JM_Access