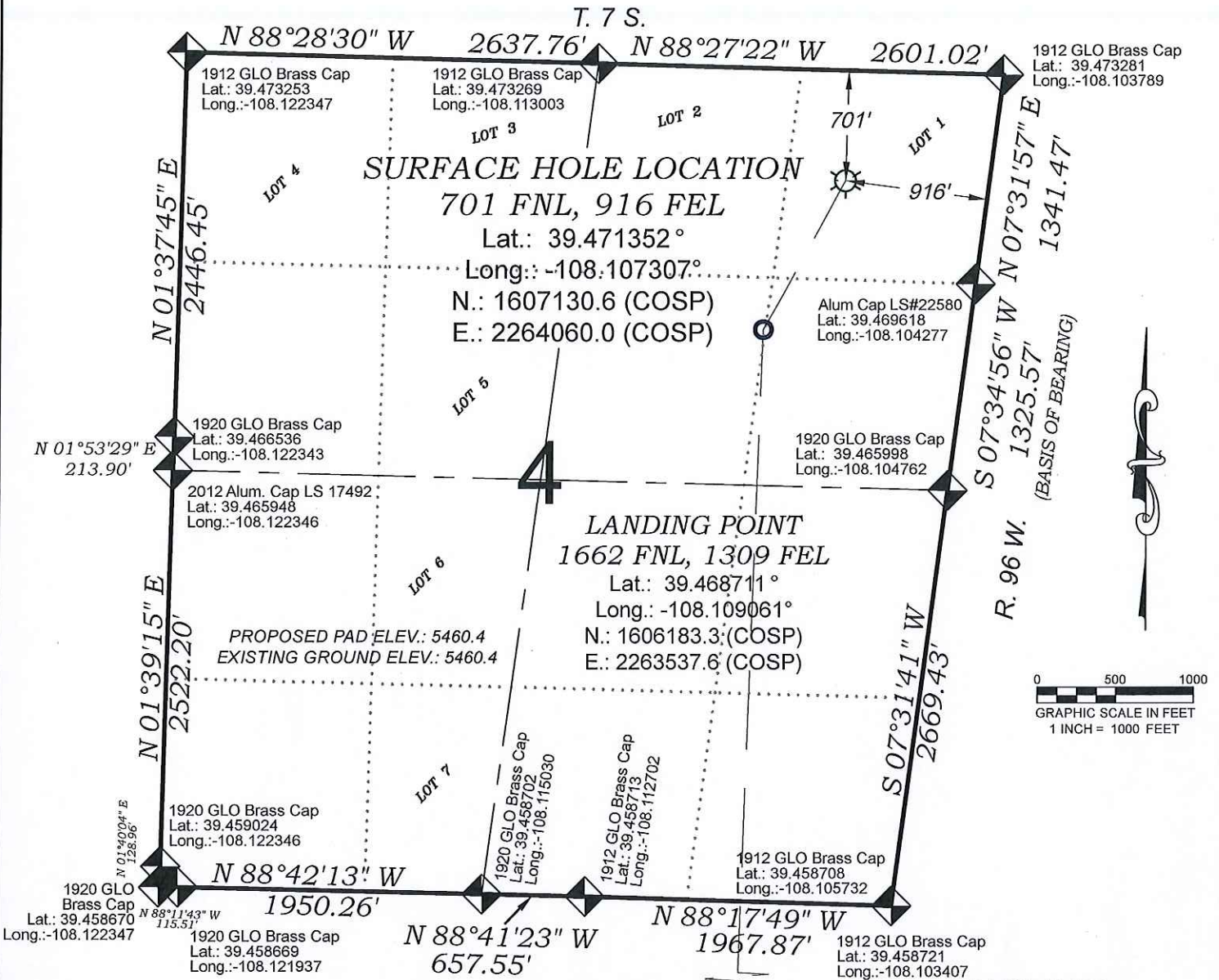


SURFACE LOCATION - WPX GM 704-32-9HMB2



SURVEYORS STATEMENT

I, MICHAEL J. LANGHORNE, A REGISTERED LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY THAT THE SURVEY SHOWN HEREON WAS PREPARED UNDER MY DIRECT SUPERVISION AND HAS BEEN STAKED ON THE GROUND AS SHOWN ON THE PLAT AND CHECKING THAT THIS MAP IS A TRUE REPRESENTATION THEREOF.

Michael J. Langhorne

MICHAEL J. LANGHORNE, COLORADO REGISTRATION NO. 36572
FOR AND ON BEHALF OF
BOOKCLIFF SURVEY SERVICES, INC.

REFERENCES

- 1) EXTENSION SURVEY T. 7 S., R. 96 W., 6th P.M (GLO PLAT)
- 2) U.S.G.S. QUAD: RULISON, CO

136 East Third Street
Rifle, Colorado
81650 Ph. (970)
625-2720 Fax (970)
625-2773



BOOKCLIFF
Survey Services, Inc.

SURVEY DATE: 10/3/14
MAP DATE: 2/25/15
SCALE: 1" = 1000'
PLAT: 1 of 1
PROJECT: Valley

SEE CONSTRUCTION LAYOUT PLAT
FOR VISIBLE IMPROVEMENTS
WITHIN 500' OF THIS LOCATION

- LEGEND -

FIELD LOCATED SECTION
MONUMENTS AS DESCRIBED



FIELD SURVEYED
WELL LOCATION



CALCULATED BOTTOM
HOLE LANDING POINT



CALCULATED SECTION
CORNER LOCATION



NOTES

- 1) ELEVATIONS BASED ON N.A.V.D. 1988 PUBLISHED COORDINATES.
- 2) LATITUDES AND LONGITUDES ARE BASE ON NAD 83, PUBLISHED COORDINATES
- 3) STATE PLANE COORDINATES ARE BASED ON COLORADO CENTRAL ZONE, U.S. SURVEY FEET.
- 4) ELEVATION MASK SET TO 15"
- 5) GPS OPERATOR J. KIRKPATRICK, OBSERVED A PDOP 2.6 ON SURVEY POINT NUMBER 162.
- 6) SURFACE AND BOTTOM HOLE LOCATIONS ARE MEASURED 90° FROM SECTION LINES.

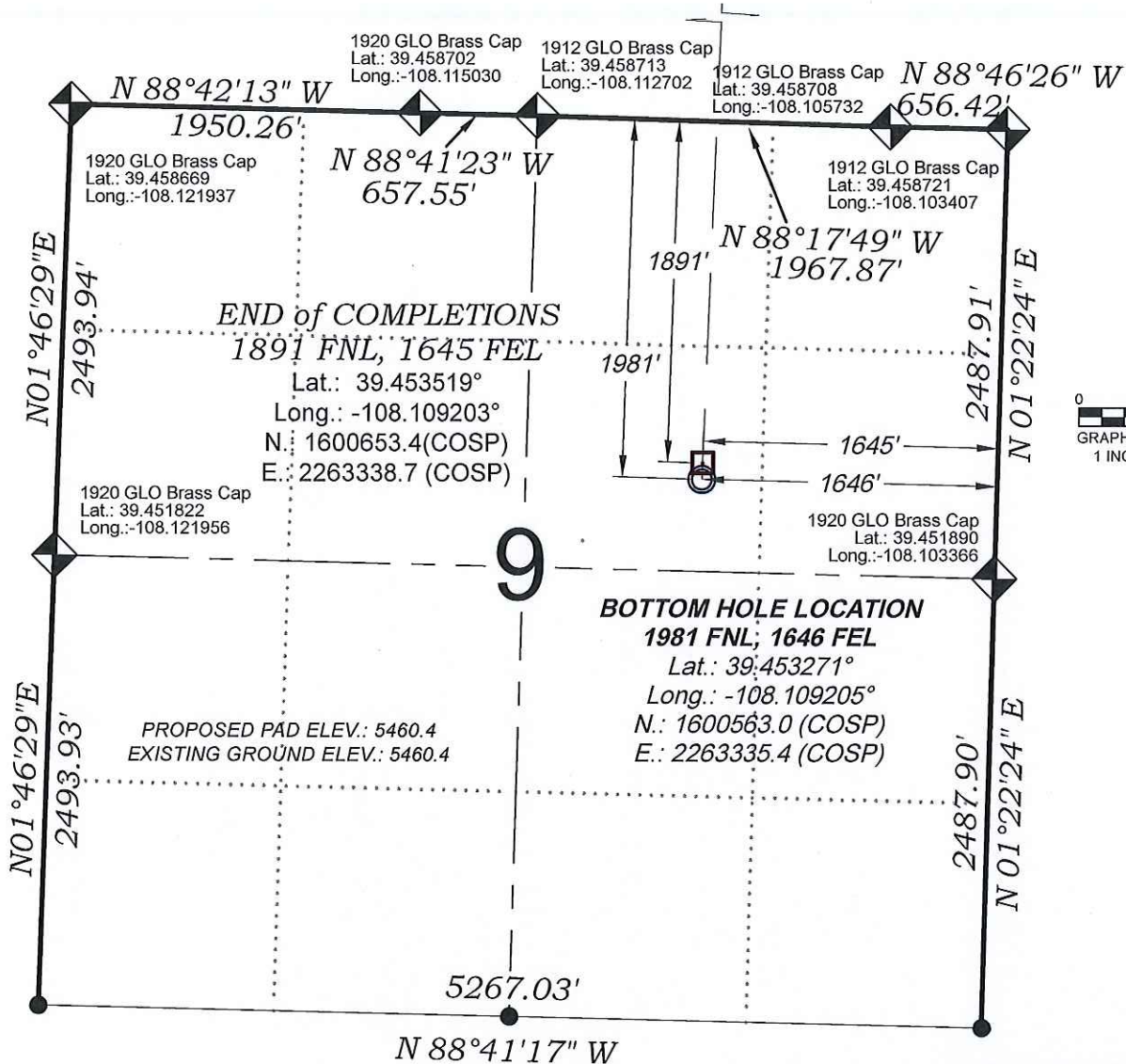
WELL LOCATION PLAT Prepared for:
WPX ENERGY.



WPX Energy Rocky Mountain, LLC

NE1/4 NE1/4, SECTION 4
T. 7 S., R. 96 W. of the 6th. P.M.
GARFIELD COUNTY, COLORADO

TARGET BOTTOM LOCATION - WPX GM 704-32-9HMB2



0 500 1000
GRAPHIC SCALE IN FEET
1 INCH = 1000 FEET

BOTTOM HOLE LOCATION

1981 FNL; 1646 FEL

Lat.: 39.453271°

Long.: -108.109205°

N.: 1600563.0 (COSP)

E.: 2263335.4 (COSP)

PROPOSED PAD ELEV.: 5460.4
EXISTING GROUND ELEV.: 5460.4

- LEGEND -

FIELD LOCATED SECTION
MONUMENTS AS DESCRIBED

FIELD SURVEYED
WELL LOCATION

CALCULATED BOTTOM
HOLE LOCATION

CALCULATED BOTTOM
HOLE LANDING POINT

CALCULATED END OF
COMPLETIONS LOCATION

CALCULATED SECTION
CORNER LOCATION

SURVEYORS STATEMENT

I, MICHAEL J. LANGHORNE, A REGISTERED LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY THAT THE SURVEY SHOWN HEREON WAS PREPARED UNDER MY DIRECT SUPERVISION AND HAS BEEN STAKED ON THE GROUND AS SHOWN ON THE PLAT AND CHECKING THAT THIS MAP IS A TRUE REPRESENTATION THEREOF.

Michael J. Langhorne

MICHAEL J. LANGHORNE, COLORADO REGISTRATION NO. 36572
FOR AND ON BEHALF OF
BOOKCLIFF SURVEY SERVICES, INC.

REFERENCES

- 1) EXTENSION SURVEY T. 7 S., R. 96 W., 6th P.M (GLO PLAT)
- 2) U.S.G.S. QUAD: RULISON, CO

136 East Third Street
Rifle, Colorado
81650 Ph. (970)
625-2720 Fax (970)
625-2773

BOOKCLIFF
Survey Services, Inc.

SURVEY DATE: 10/3/14
MAP DATE: 2/24/15
SCALE: 1" = 1000'
PLAT: 1 of 1
PROJECT: Valley

NOTES

- 1) ELEVATIONS BASED ON N.A.V.D. 1988 PUBLISHED COORDINATES.
- 2) LATITUDES AND LONGITUDES ARE BASE ON NAD 83, PUBLISHED COORDINATES
- 3) STATE PLANE COORDINATES ARE BASED ON COLORADO CENTRAL ZONE, U.S. SURVEY FEET.
- 4) ELEVATION MASK SET TO 15°
- 5) GPS OPERATOR J. KIRKPATRICK, OBSERVED A PDOP 2.6 ON SURVEY POINT NUMBER 162.
- 6) SURFACE AND BOTTOM HOLE LOCATIONS ARE MEASURED 90° FROM SECTION LINES.

WELL LOCATION PLAT Prepared for:
WPX ENERGY

WPX Energy Rocky Mountain, LLC

NE1/4 NE1/4, SECTION 4
T. 7 S., R. 96 W. of the 6th. P.M.
GARFIELD COUNTY, COLORADO

Section 4
T. 7 S., R. 96 W.

Exist. Limit
of Disturbance

Exist. GM 200-4

Exist. Tank

Exist. GM 41-4

Exist. Separators

Add 40' to
Separator Area

50' 0/S
REF. PNT.

E #8
F 0.3'

150'

SE #1
F 0.7'

AA

Daylight Line

NW #7
F 12.8'

150'

90'

200'

N Az. 63.83°

25'

Exist. GM 701-4-HN1

Prop. GM 704-32-9HMB2

N Az. 153.83°

150'

F 0.0'

90'

60'

S #2
C 6.6'

BB

B

N #6
F 2.6'

150'

25'

Exist. GM 701-4-HN1

Prop. GM 704-32-9HMB2

N Az. 153.83°

150'

F 0.0'

90'

60'

S #2
C 6.6'

BB

Exist. Valve Set

NW #5B
C 0.3'

63'

107'

90'

91'

SW #3A
C 9.6'

Daylight Line

SW #3B
C 9.8'

CC

C

NW #5A
C 1.6'

107'

90'

91'

SW #3B
C 9.8'

CC

W #4
C 4.8'

90'

91'

SW #3A
C 9.6'

CC

50' 0/S
REF. PNT.

Exist. Limit
of Disturbance

ESTIMATED EARTHWORK QUANTITIES (cy)

ITEM	CUT	FILL	TOPSOIL	EXCESS
PAD	5870	4000	690	1180
PIT	0			0
TOTALS	5870	4000	690	1180

*NOTE:

- 1.) 10% Swell Factor Applied to Earthwork Cut Volume.
- 2.) Topsoil Volume Based on 12" Soil Depth.
- 3.) Total Disturbed Area = ±7.59 ac.

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Fax (970) 625-2773



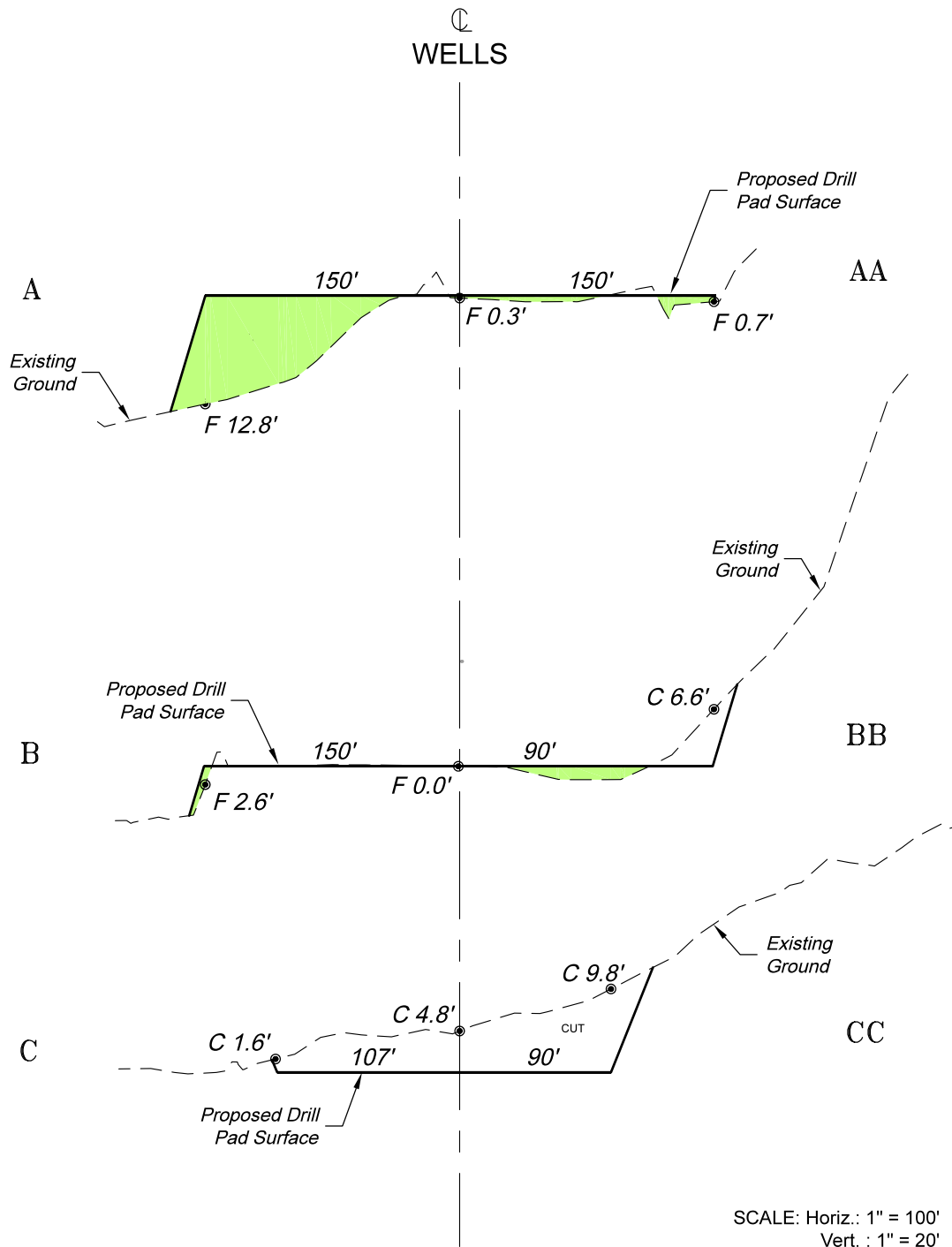
BOOKCLIFF
Survey Services, Inc.

SCALE: 1" = 100'
DATE: 2/24/15
PLAT: 2 of 7
PROJECT: Valley
DFT: cs

Construction Plan Prepared for:
WPXENERGY

WPX Energy Rocky Mountain, LLC

GM 41-4 Drill Pad - Plat 2
CONSTRUCTION LAYOUT



SCALE: Horiz.: 1" = 100'
Vert. : 1" = 20'

***NOTE:**
CUT SLOPES: 1.5:1
FILL SLOPES: 1.5:1,
UNLESS OTHERWISE NOTED.

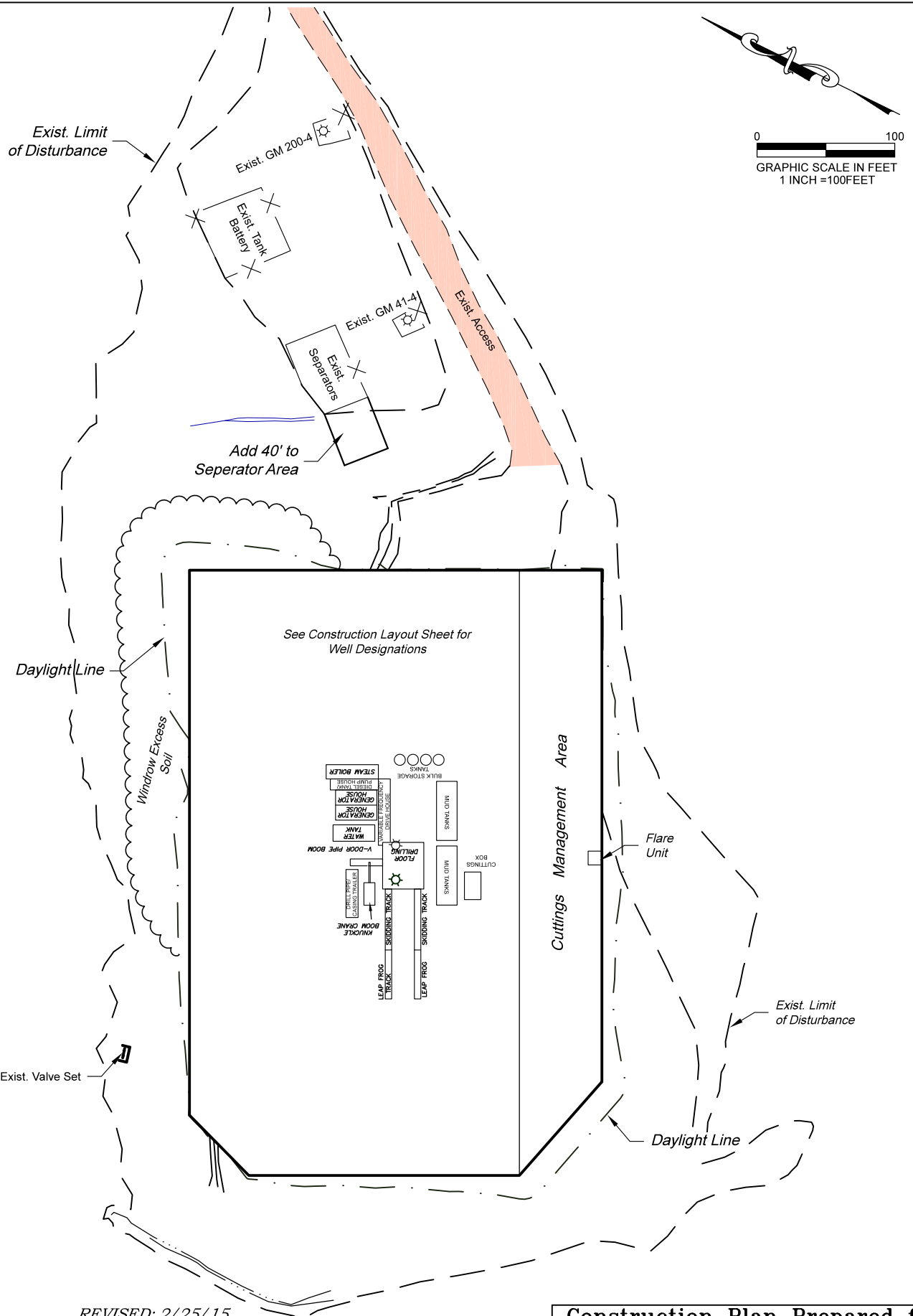
136 East Third Street
Rifle, Colorado 81650
Ph. (970) 625-2720
Fax (970) 625-2773



SCALE: As Noted
DATE: 2/24/15
PLAT: 3 of 7
PROJECT: Valley
DFT: cs

Construction Plan Prepared for:
WPXENERGY WPX Energy Rocky Mountain, LLC
GM 41-4 Drill Pad - Plat 3
CONSTRUCTION LAYOUT
CROSS SECTIONS

Section 4
T. 7 S., R. 96 W.



0 100
GRAPHIC SCALE IN FEET
1 INCH = 100 FEET

REVISED: 2/25/15

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Rifle, Colorado 81650
Ph. (970) 625-2720
Fax (970) 625-2773

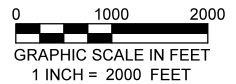
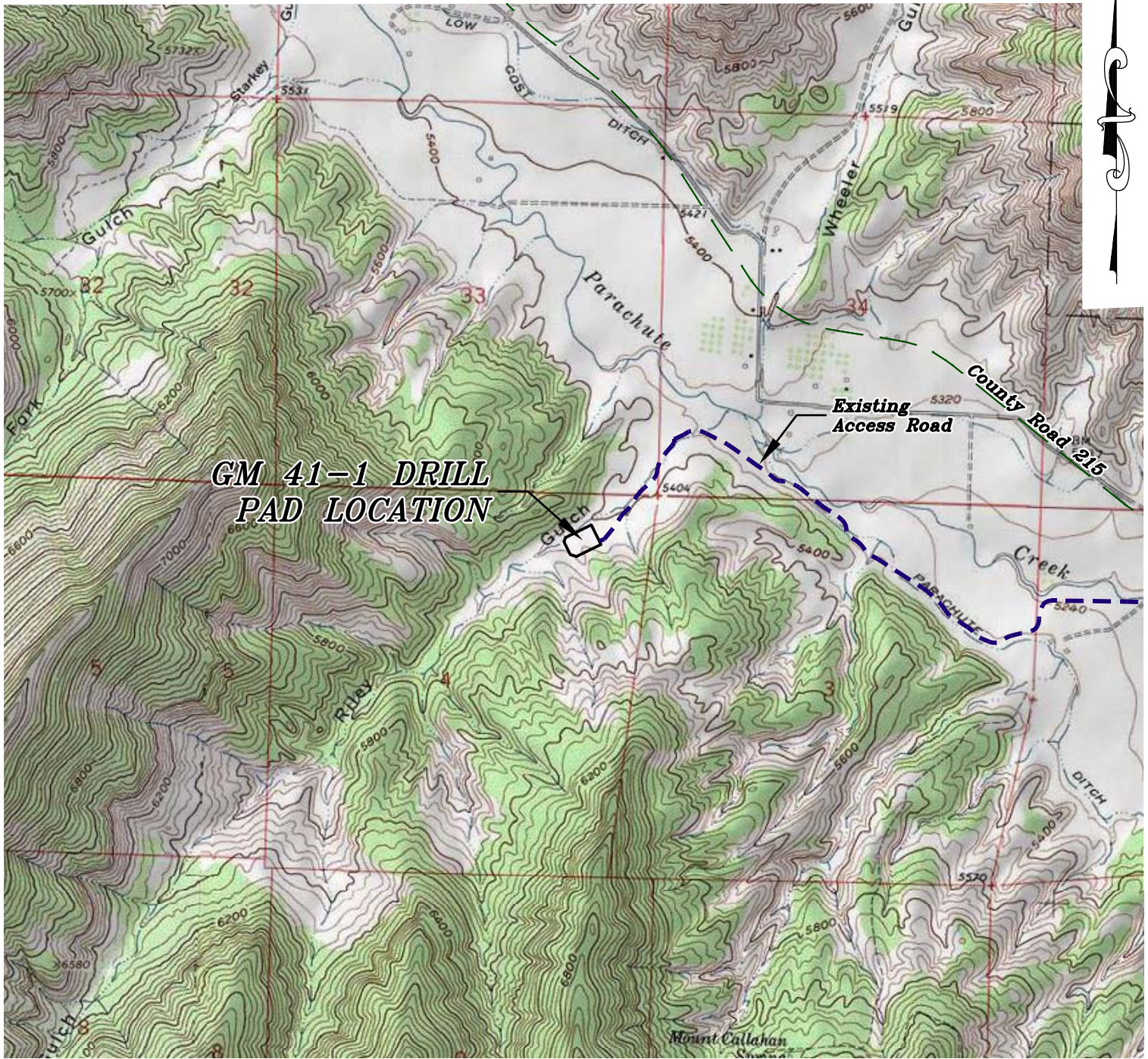


BOOKCLIFF
Survey Services, Inc.

SCALE: 1" = 100'
DATE: 2/24/15
PLAT: 4 of 7
PROJECT: Valley
DFT: cs

Construction Plan Prepared for:
WPX ENERGY WPX Energy Rocky Mountain, LLC

Drill Pad - Plat 4
DRILL RIG LAYOUT



ACCESS DESCRIPTION:

FROM THE INTERSECTION OF STATE HIGHWAY 6 AND COUNTY ROAD 215 AT PARACHUTE, PROCEED NORTHERLY ALONG COUNTY ROAD 215 ± 2.1 MILES TO AN INTERSECTION WITH A DIRT/GRAVEL ROAD, PROCEED LEFT IN A SOUTHWESTERLY TO NORTHERLY DIRECTION ± 1.7 MILES TO AN INTERSECTION WITH A DIRT/GRAVEL ROAD, PROCEED LEFT IN A WESTERLY DIRECTION ± 0.3 MILES TO THE EXISTING GM 41-4 DRILL PAD LOCATION, AS SHOWN HEREON.

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Fax (970) 625-2773

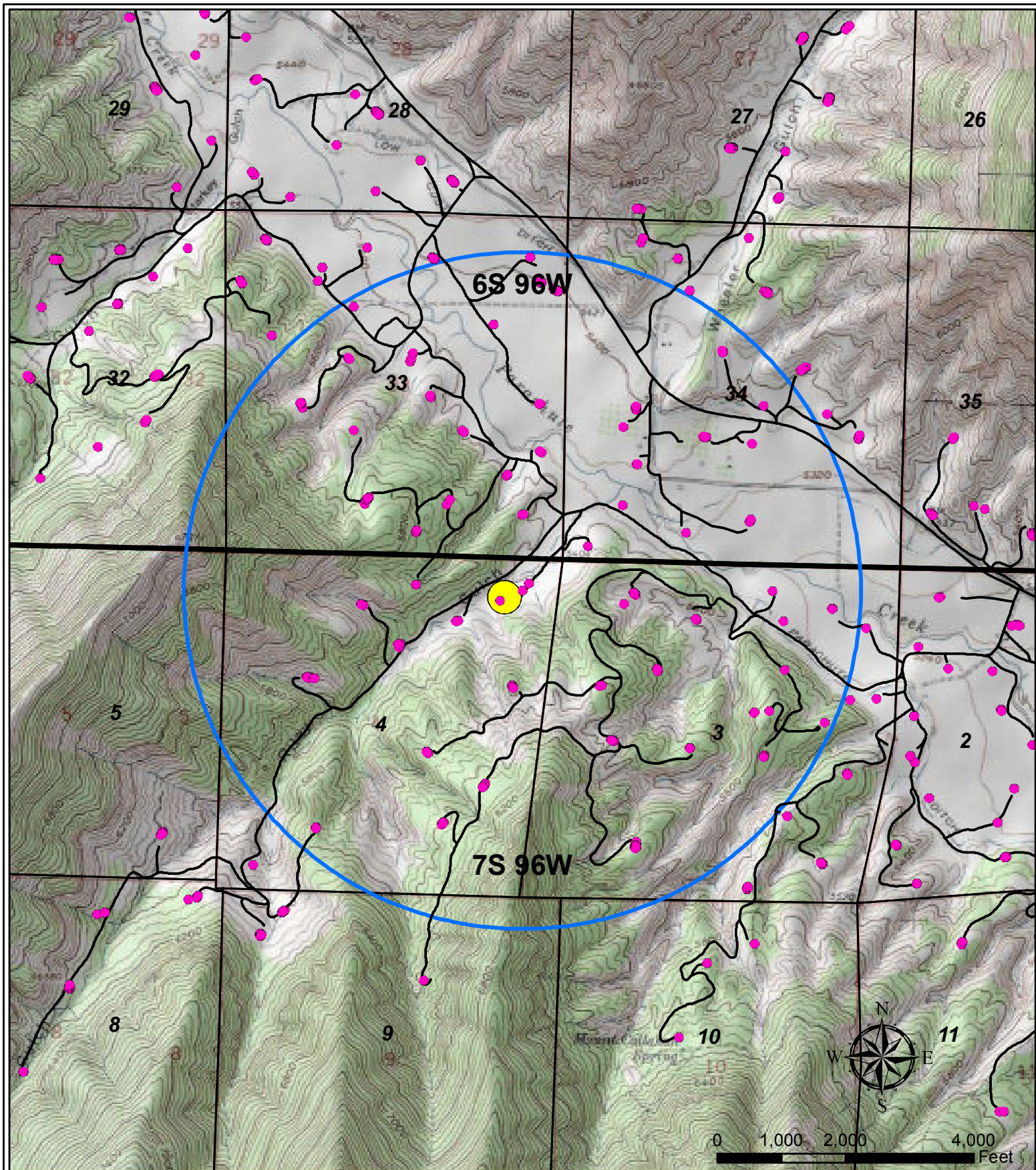


BOOKCLIFF
Survey Services, Inc.

SCALE: 1" = 2000'
DATE: 2/24/15
PLAT: 5 of 7
PROJECT: Valley
DFT: cs

Construction Plan Prepared for:
WPXENERGY WPX Energy Rocky Mountain, LLC

GM 41-4 Drill Pad - Plat 5
ACCESS ROAD & TOPO MAP



Legend

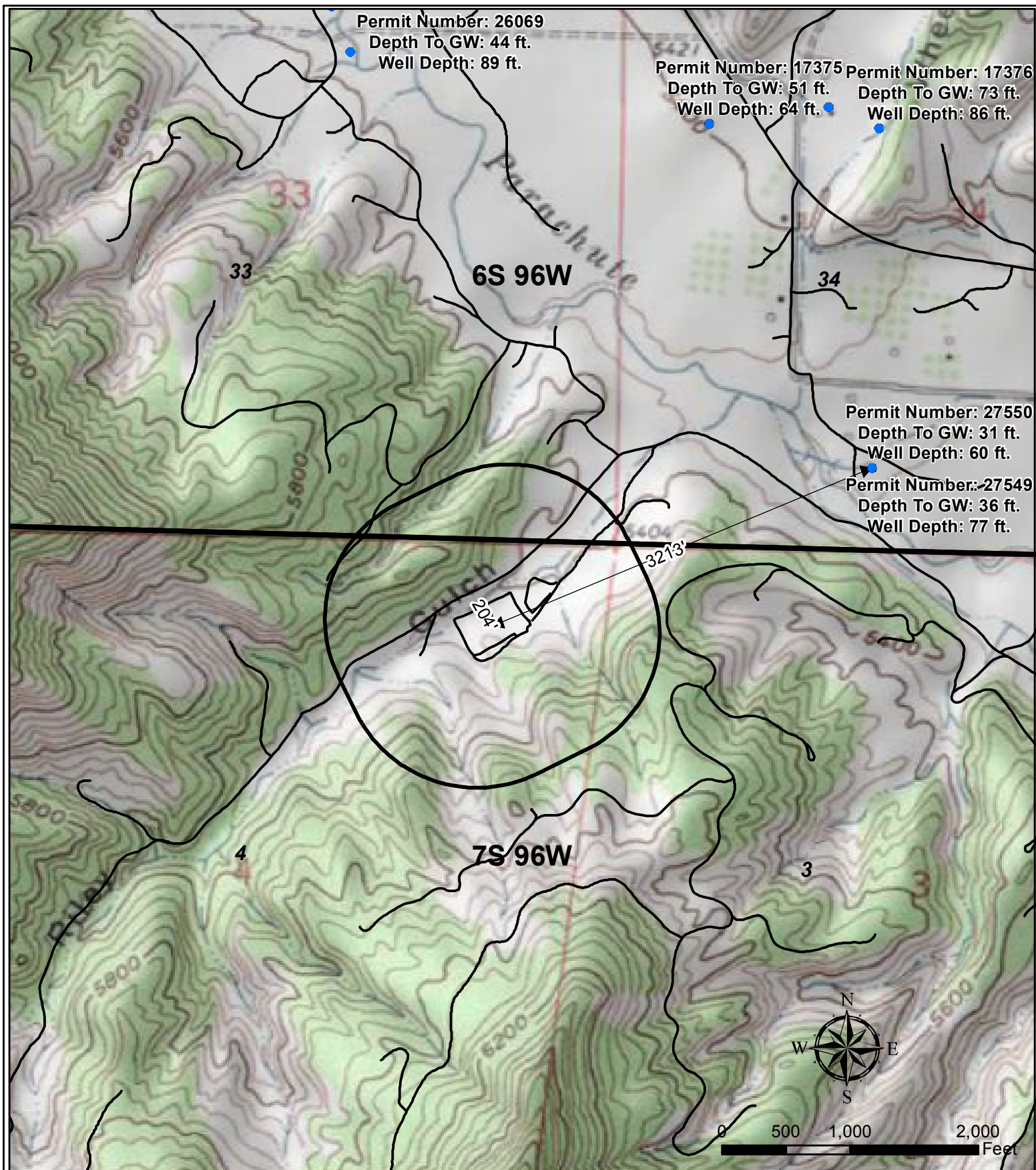
- Known Well Locations
- Proposed Drilling Location
- Existing Road
- One Mile Radius

WPX Energy Rocky Mountain, LLC

Plat 5B
GM 41-4
Existing Well Locations within One-Mile-Radius

February 12, 2015





Legend

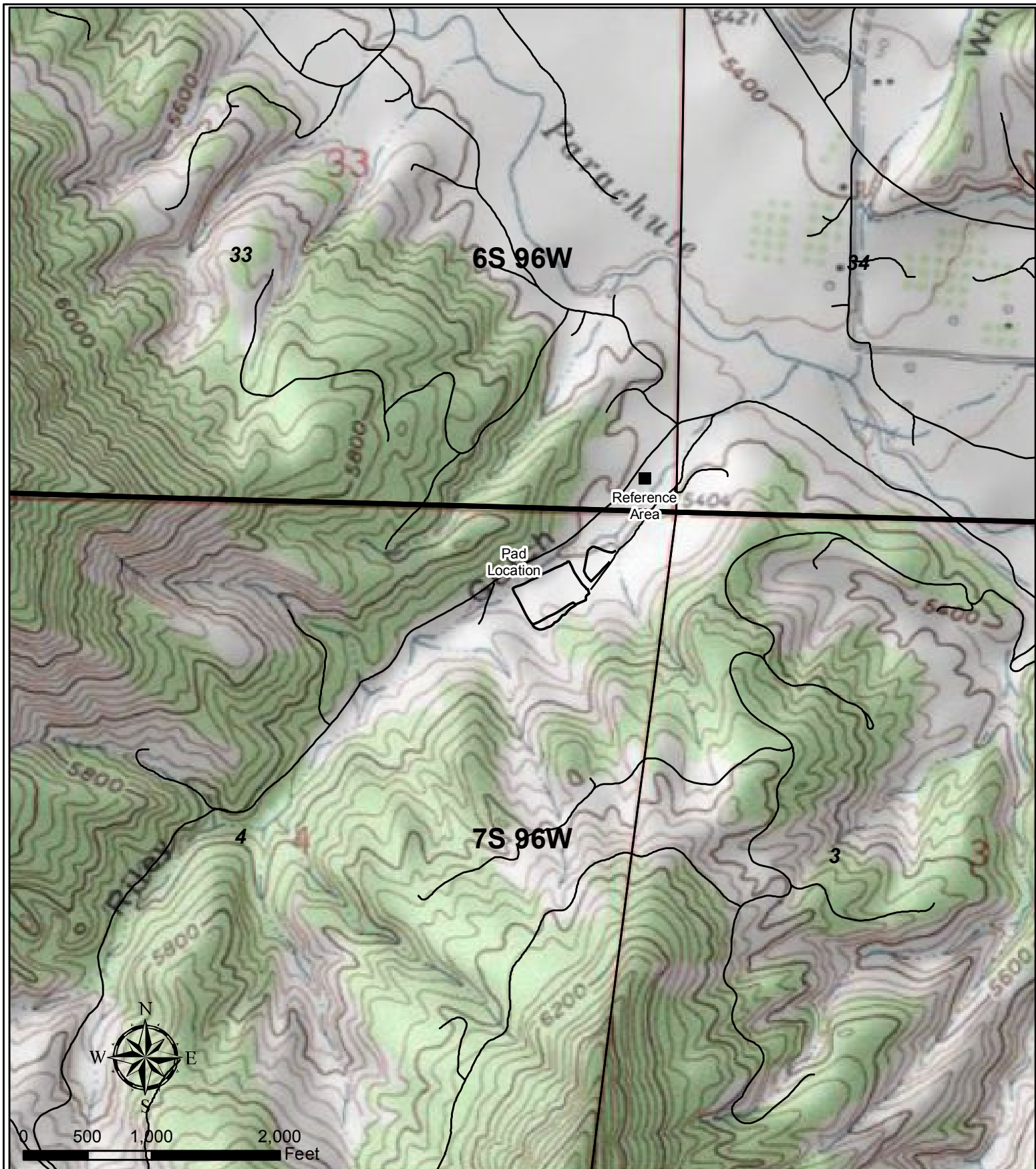
- Water Well
- Proposed Pad
- 1000' Buffer (from edge of pad)

WPX Energy Rocky Mountain, LLC

Plat 5C

GM 41-4 Hydrology Map
T7S R96W, Section 4





Legend

—— Existing Road

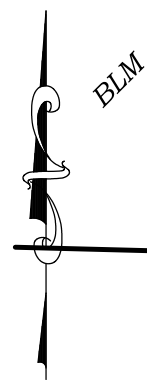
WPX Energy Rocky Mountain, LLC

Plat 5D

GM 41-4 Reference Area Map



Section 4
T. 7 S., R. 96 W.



0 250 500
GRAPHIC SCALE IN FEET
1 INCH = 500 FEET

WPX
T. 6 S., R. 96 W.
Section 33
Section 4
T. 7 S., R. 96 W.

GM 41-1 Location
BLM
WPX
500' Buffer

BLM

Section 4
Section 3
BLM

BLM

CURRENT LAND USE		
<input type="checkbox"/> CROP LAND	<input checked="" type="checkbox"/> NON-CROP LAND	<input type="checkbox"/> SUBDIVIDED
<input type="checkbox"/> IRRIGATED	<input checked="" type="checkbox"/> RANGELAND	<input type="checkbox"/> INDUSTRIAL
<input type="checkbox"/> DRY LAND	<input type="checkbox"/> TIMBER	<input type="checkbox"/> COMMERCIAL
<input type="checkbox"/> IMPROVED PASTURE	<input type="checkbox"/> RECREATIONAL	<input type="checkbox"/> RESIDENTIAL
<input type="checkbox"/> HAY MEADOW	<input type="checkbox"/> OTHER (describe):	
<input type="checkbox"/> CRP	Existing Drill Pad	

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Fax (970) 625-2773



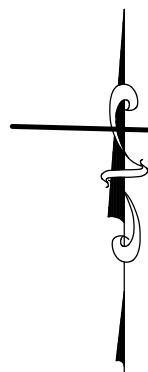
BOOKCLIFF
Survey Services, Inc.

SCALE: 1" = 500'
DATE: 2/24/15
PLAT: 6 of 7
PROJECT: Valley
DFT: cs

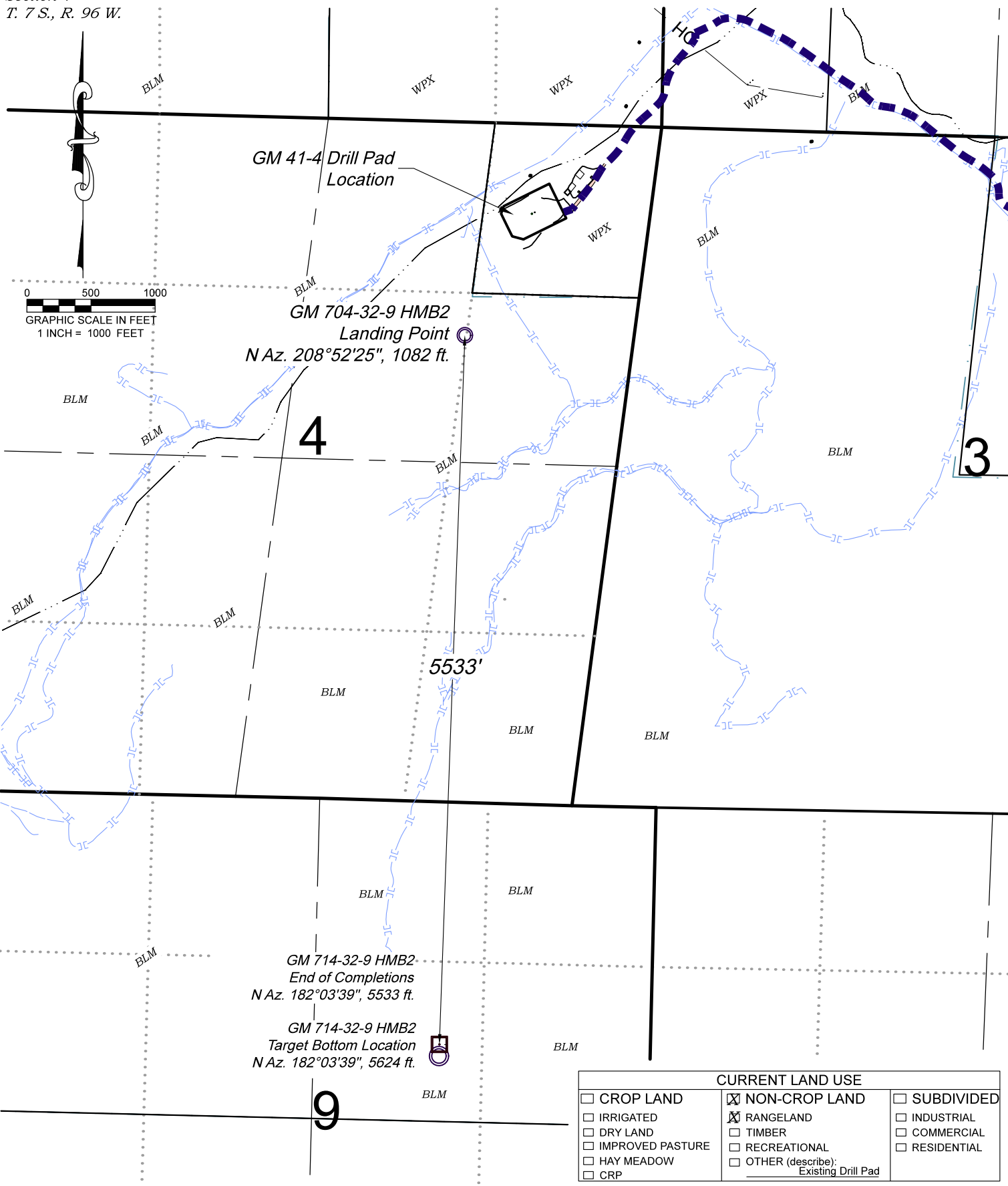
Construction Plan Prepared for:
WPX ENERGY WPX Energy Rocky Mountain, LLC

GM 41-4 Drill Pad - Plat 6
LOCATION

Section 4
T. 7 S., R. 96 W.



0 500 1000
GRAPHIC SCALE IN FEET
1 INCH = 1000 FEET



CURRENT LAND USE		
<input type="checkbox"/> CROP LAND	<input checked="" type="checkbox"/> NON-CROP LAND	<input type="checkbox"/> SUBDIVIDED
<input type="checkbox"/> IRRIGATED	<input checked="" type="checkbox"/> RANGELAND	<input type="checkbox"/> INDUSTRIAL
<input type="checkbox"/> DRY LAND	<input type="checkbox"/> TIMBER	<input type="checkbox"/> COMMERCIAL
<input type="checkbox"/> IMPROVED PASTURE	<input type="checkbox"/> RECREATIONAL	<input type="checkbox"/> RESIDENTIAL
<input type="checkbox"/> HAY MEADOW	<input type="checkbox"/> OTHER (describe):	
<input type="checkbox"/> CRP	Existing Drill Pad	

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Rifle, Colorado 81650
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Fax (970) 625-2773



BOOKCLIFF
Survey Services, Inc.

SCALE: 1" = 1000'
DATE: 2/24/15
PLAT: 6A of 7
PROJECT: Valley
DFT: cs

Construction Plan Prepared for:
WPX ENERGY WPX Energy Rocky Mountain, LLC

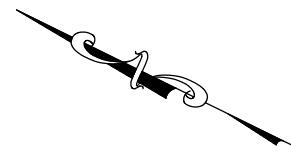
GM 41-4 Drill Pad - Plat 6A
LOCATION SUPPLEMENT

*Visible Improvements to Well Head
(ft.)*

<i>Description</i>	<i>Building</i>	<i>Building Unit</i>	<i>High Occu. Building</i>	<i>DOAA</i>	<i>Public Road</i>	<i>Above Ground Utility</i>	<i>Railroad</i>	<i>Property Line</i>
GM 704-32-9HMB2	210° 2787'	210° 2787'	>5280	>5280	219° 4160'	39° 1843'	258° 4144'	98° 379'

Production Equipment

Seperators	206° 2309'	206° 2309'	>5280	>5280	218° 3660'	37° 1343'	262° 3719'	98° 673'
Tanks	206° 2425'	206° 2425'	>5280	>5280	217° 3775'	216° 1459'	261° 3791'	98° 658'



0 100
GRAPHIC SCALE IN FEET
1 INCH = 100 FEET

Exist. Limit
of Disturbance

Exist. GM 200-4

Exist. Tank
Battery

Exist. GM 41-4

Exist. Separators

Exist. Access

Add 40' to
Seperator Area

Edge of
Original Pad

Edge of
Reclaimed Pad

See Construction Layout
Sheet for Well Designations

TOTAL DISTURBANCE PAD: ±7.59 ac.
TOTAL DISTURBANCE ROAD: 0 ac.
INTERIM RECLAIMED PAD: ±1.89 ac.
(Shaded Area)

NOTE:
RECLAIMED SLOPES VARY AS
SHOWN.

Exist. Limit
of Disturbance

Exist. Valve Set

Edge of Original Pad

REVISED: 2/25/15

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Rifle, Colorado 81650
Ph. (970) 625-2720
Fax (970) 625-2773



BOOKCLIFF
Survey Services, Inc.

SCALE: 1" = 100'
DATE: 2/24/15
PLAT: 7 of 7
PROJECT: Valley
DFT: cs

Construction Plan Prepared for:
WPXENERGY

WPX Energy Rocky Mountain, LLC

GM 41-4 Drill Pad - Plat 7
RECLAIMED PAD &
PRODUCTION EQUIPMENT