

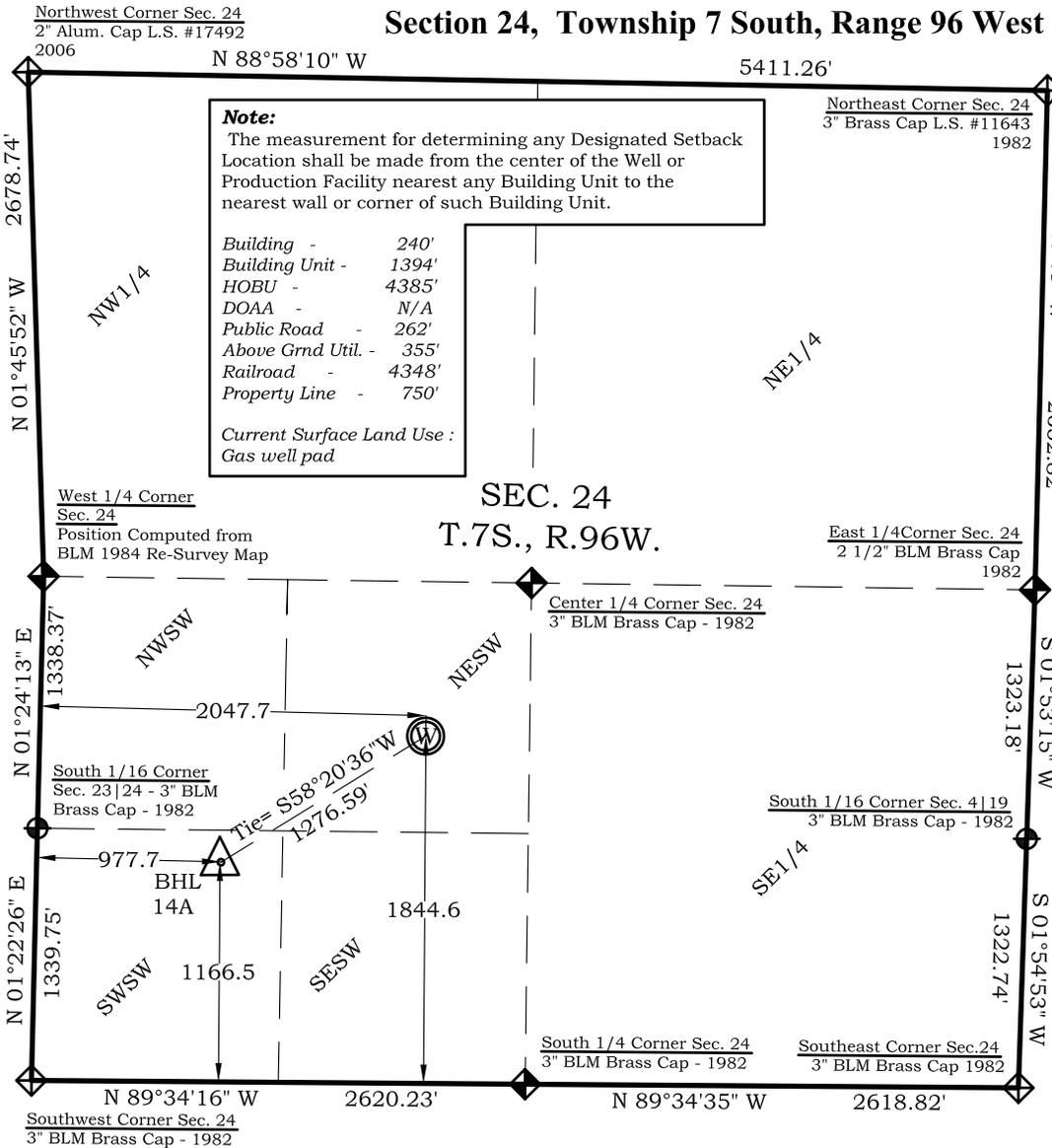
PENDING APPLICATIONS FOR PERMIT TO DRILL  
Posted: March 25, 2014

- Operator: URSA Operating CO LLC
- Well Location: NESW Sec. 24, T7S, R96W 6<sup>th</sup> PM
- Well Names & Numbers:
  - BAT 14A-24-07-96
  - BAT 14B-24-07-96
  - BAT 14C-24-07-96
  - BAT 14D-24-07-96
  - BAT 34B-24-07-96
  - BAT 34C-24-07-96
  - BAT 34D-24-07-96

The attached plat represents the surface location for the wells listed above.

# Well Location Plat BAT 14A-24-07-96

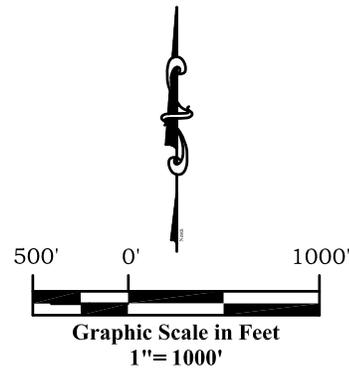
Section 24, Township 7 South, Range 96 West



**Note:**  
The measurement for determining any Designated Setback Location shall be made from the center of the Well or Production Facility nearest any Building Unit to the nearest wall or corner of such Building Unit.

Building - 240'  
 Building Unit - 1394'  
 HOBU - 4385'  
 DOAA - N/A  
 Public Road - 262'  
 Above Grnd Util. - 355'  
 Railroad - 4348'  
 Property Line - 750'

Current Surface Land Use :  
 Gas well pad



**Bottom Hole:**  
**BAT 14A-24-07-96**  
 1166' FSL  
 978' FWL  
**NAD83**  
 Lat: 39.418747437°N  
 Long: 108.063819691°W

**NAD27**  
 Lat: 39.418769232°N  
 Long: 108.063188694°W

**Surface:**  
**BAT 14A-24-07-96**  
 1845' FSL  
 2048' FWL  
 Gnd El= 5183  
 Pad El= 5182.5  
**NAD83**  
 Lat: 39.420686138°N  
 Long: 108.060057886°W

**NAD27**  
 Lat: 39.420707951°N  
 Long: 108.059427095°W

UTM 13 NORTH  
**NAD 1983**  
 NORTHING  
 14330455.523  
 EASTING  
 776166.342

Prepared For Ursa Operating Company, LLC  
 Proposed BAT 14A-24-07-96 Well Situate in The  
 NE 1/4 SW 1/4 Section 24, Township 7 South, Range 96 West  
 of the 6 th. Principal Meridian, County of Garfield, State  
 of Colorado.

**SURVEYOR'S CERTIFICATE**

I, SCOTT E. AIBNER, A REGISTERED LAND SURVEYOR, LICENSED UNDER THE LAWS OF THE STATE OF COLORADO DO HEREBY CERTIFY THAT THE SURVEY SHOWN HEREON WAS PREPARED BY RIVER VALLEY SURVEY, INC., FOR URSA OPERATING COMPANY, LLC, UNDER MY DIRECT SUPERVISION AND THAT THIS PLAT IS A TRUE REPRESENTATION THEREOF.



BY: SCOTT E. AIBNER, COLORADO REG. NO. 31143

**Notes:**

- LATITUDE AND LONGITUDE COORDINATES ARE DIFFERENTIALLY CORRECTED AND BASED ON PUBLISHED NGS CONTROL STATION "KOEPSSELL". SYSTEM: UTM ZONE: 13 NORTH DATUM: NAD 1983 (CONUS)
- ELEVATIONS ARE BASED ON NAVD OF 1983.
- ALL BOTTOM AND TOP HOLE LOCATIONS ARE MEASURED 90 DEGREES FROM SECTION LINE.
- USGS QUADRANGLE MAP "PARACHUTE".
- CURRENT SURFACE LAND USE: GAS PAD.
- PDOP AT THE TIME OF LOCATION OF SURFACE WELL = 2.4

**Legend**

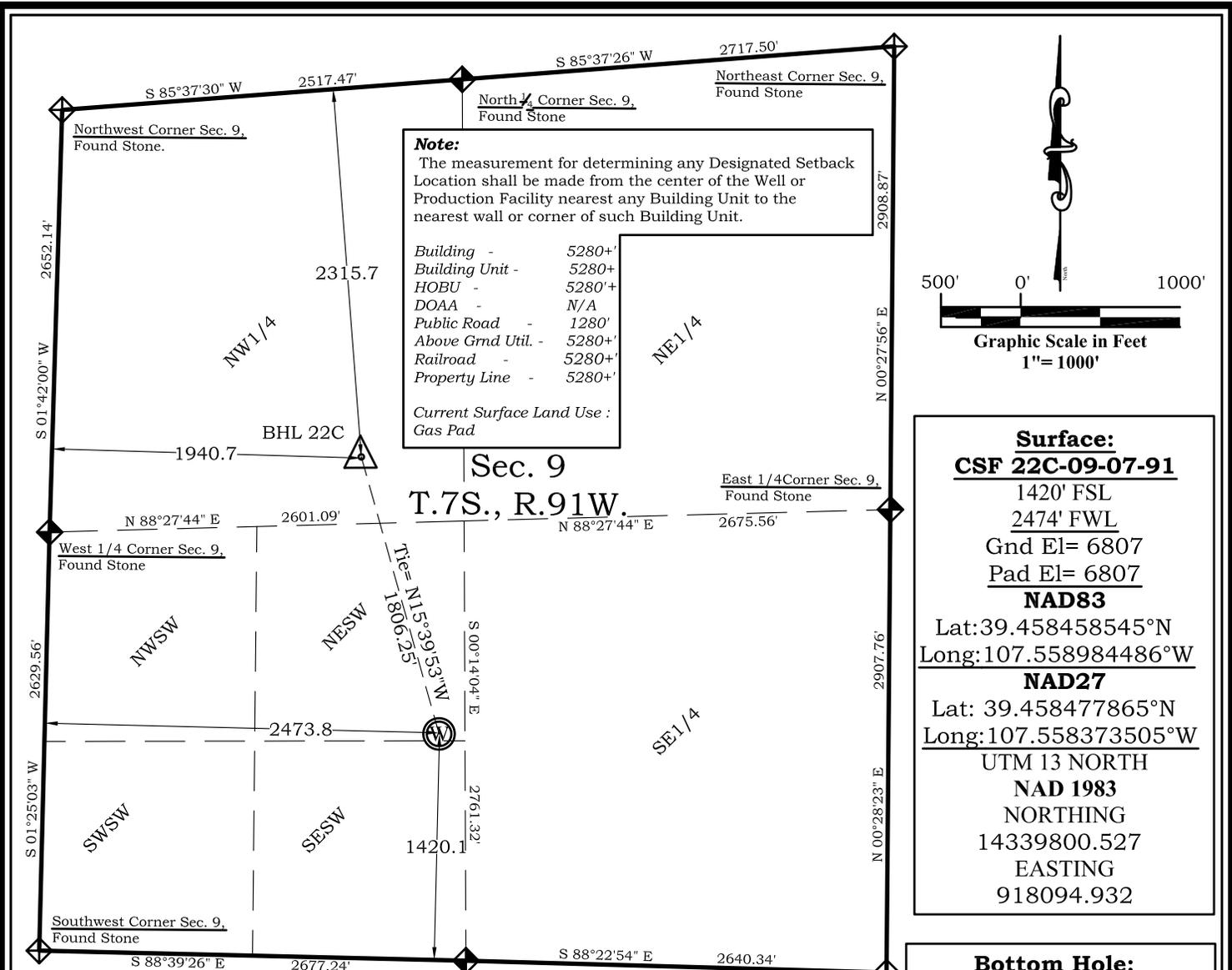
- ◈ - Field Surveyed Section Corner
- ◈ - Field Surveyed Quarter Corner
- ⊙ - Calculated Section Corner Location
- ⊙ - Field Surveyed 1/6 Corner

<p><b>River Valley Survey, Inc.</b>          110 East 3rd. Street, Suite 213          Rifle, Colorado 81650          Ph: 970-379-7846</p>	<p><b>Project:</b> Speakman A Pad</p>		<p><b>Well Location Plat Prepared For:</b>          Ursa Operating Co., LLC</p>	
	<p><b>Field Date:</b> 08-05-10</p>	<p><b>Scale:</b> 1"= 1000'</p>	<p><b>Situate In:</b>          SW 1/4 Section 24, T7S., R. 96 W. of the          6th P.M., Garfield County, Colorado</p>	
	<p><b>Date:</b> 09-18-13</p>	<p><b>Sheet:</b> 1 of 1</p>		

PENDING APPLICATIONS FOR PERMIT TO DRILL  
Posted: March 25, 2014

- Operator: URSA Operating CO LLC
- Well Location: NESW Sec. 9, T7S, R91W 6<sup>th</sup> PM
- Well Names & Numbers:
  - CSF 22C-09-07-91
  - CSF 22D-09-07-91
  - CSF 44B-09-07-91
  - CSF 44C-09-07-91

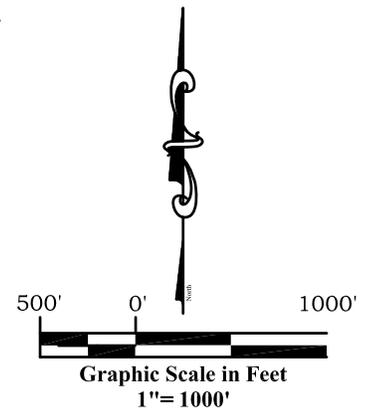
The attached plat represents the surface location for the wells listed above.



**Note:**  
 The measurement for determining any Designated Setback Location shall be made from the center of the Well or Production Facility nearest any Building Unit to the nearest wall or corner of such Building Unit.

Building	-	5280'+
Building Unit	-	5280'+
HOBU	-	5280'+
DOAA	-	N/A
Public Road	-	1280'
Above Grnd Util.	-	5280'+
Railroad	-	5280'+
Property Line	-	5280'+

Current Surface Land Use :  
 Gas Pad



**Surface:**  
**CSF 22C-09-07-91**  
 1420' FSL  
 2474' FWL  
 Gnd El= 6807  
 Pad El= 6807  
**NAD83**  
 Lat: 39.458458545°N  
 Long: 107.558984486°W

**NAD27**  
 Lat: 39.458477865°N  
 Long: 107.558373505°W

UTM 13 NORTH  
**NAD 1983**  
 NORTHING  
 14339800.527  
 EASTING  
 918094.932

**Bottom Hole:**  
**CSF 22C-09-07-91**  
 2316' FNL  
 1941' FWL  
**NAD83**  
 Lat: 39.463192273°N  
 Long: 107.560885641°W

**NAD27**  
 Lat: 39.463211601°N  
 Long: 107.560274600°W

**Notes:**

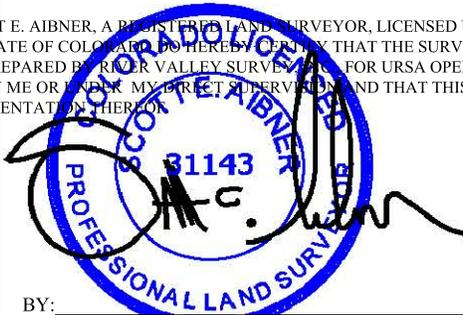
1. LATITUDE AND LONGITUDE COORDINATES ARE DIFFERENTIALLY CORRECTED AND BASED ON PUBLISHED NGS CONTROL STATION "WDP-5". SYSTEM: UTM ZONE: 13 NORTH DATUM: NAD 1983 (CONUS)
2. ELEVATIONS ARE BASED ON NAVD OF 1929.
3. ALL BOTTOM AND TOP HOLE LOCATIONS ARE MEASURED 90 DEGREES FROM SECTION LINE.
4. USGS QUADRANGLE MAP "GIBSON GULCH".
5. CURRENT SURFACE LAND USE: WELL PAD.
6. PDOP AT THE TIME OF LOCATION OF SURFACE WELL = 1.8

**Legend**

- ◆ - Field Surveyed Section Corner
- ◆ - Field Surveyed Quarter Corner
- ⊙ - Calculated Section Corner Location
- ⊕ - Field Surveyed 1/16 Corner

**SURVEYOR'S CERTIFICATE**

I, SCOTT E. AIBNER, A REGISTERED LAND SURVEYOR, LICENSED UNDER THE LAWS OF THE STATE OF COLORADO DO HEREBY CERTIFY THAT THE SURVEY SHOWN HEREON WAS PREPARED BY RIVER VALLEY SURVEY, INC. FOR URSA OPERATING COMPANY, LLC, BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THIS PLAT IS A TRUE REPRESENTATION THEREOF.



BY: SCOTT E. AIBNER, COLORADO REG. NO. 31143

**Prepared For: Ursa Operating Company LLC**  
**Proposed Castle Springs Federal 22C-09-07-91 Well**  
 Situate in The NW<sup>1</sup>/<sub>4</sub> Section 9, Township 6 South, Range 91 West of the 6 th. Principal Meridian, County of Garfield, State of Colorado.



**River Valley Survey, Inc.**  
 110 East 3rd. Street, Suite 213  
 Rifle, Colorado 81650  
 Ph: 970-379-7846

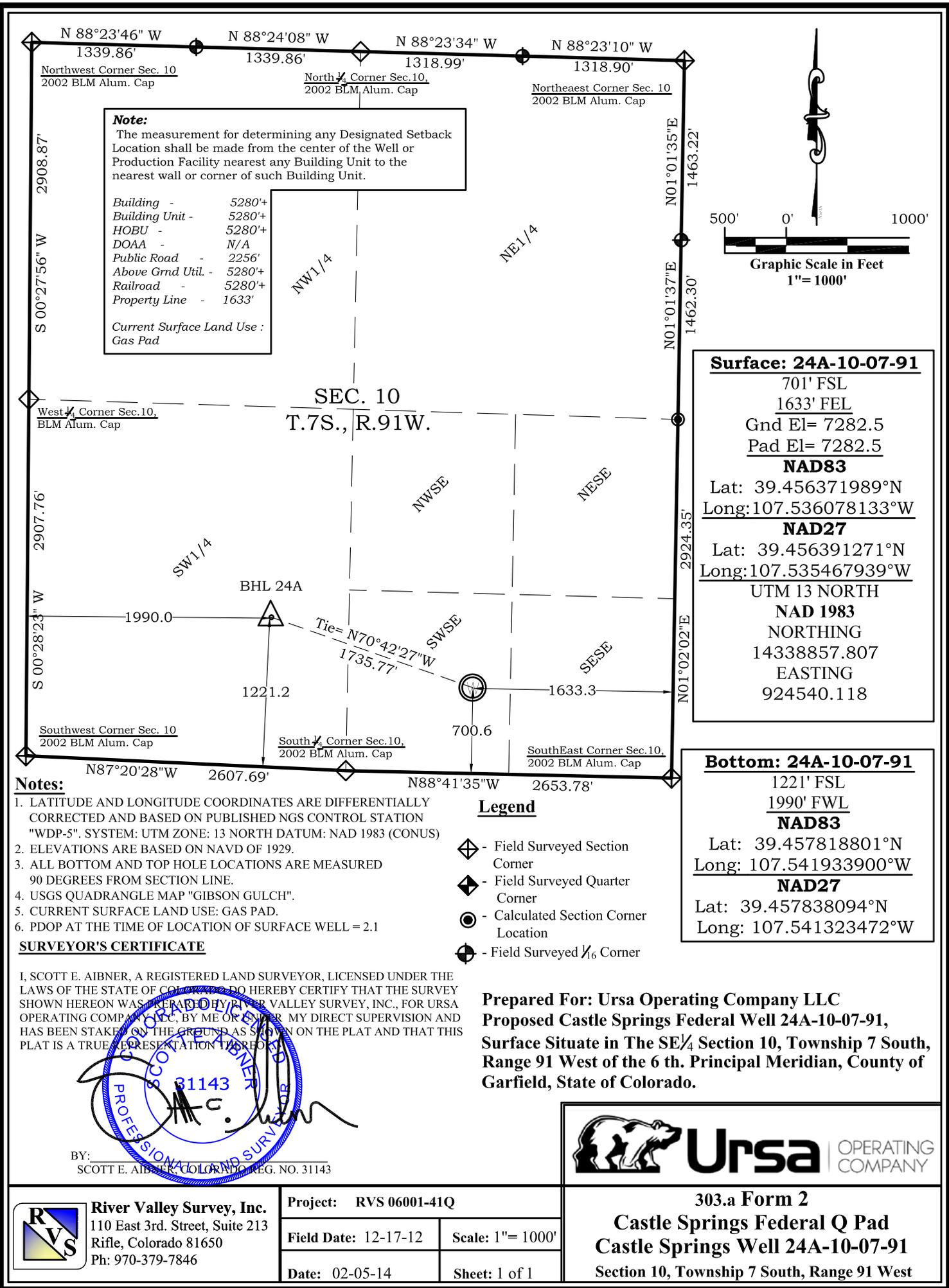
Project: RVS 06001-41E	
Field Date: 11-05-10	Scale: 1"= 1000'
Date: 01-07-14	Sheet: 1 of 1

303.a Form 2  
**Castle Springs Federal E Pad**  
**Well CSF 22C-09-07-91**  
 Section 9, Township 7 South, Range 91 West

PENDING APPLICATIONS FOR PERMIT TO DRILL  
Posted: March 25, 2014

- Operator: URSA Operating CO LLC
- Well Location: SWSE Sec. 10, T7S, R91W 6<sup>th</sup> PM
- Well Names & Numbers:
  - CSF 24A-10-07-91
  - CSF 34B-10-07-91
  - CSF 41B-15-07-91
  - CSF 42A-15-07-91

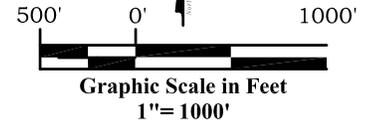
The attached plat represents the surface location for the wells listed above.



**Note:**  
 The measurement for determining any Designated Setback Location shall be made from the center of the Well or Production Facility nearest any Building Unit to the nearest wall or corner of such Building Unit.

Building	-	5280'+
Building Unit	-	5280'+
HOBV	-	5280'+
DOAA	-	N/A
Public Road	-	2256'
Above Grnd Util.	-	5280'+
Railroad	-	5280'+
Property Line	-	1633'

Current Surface Land Use :  
 Gas Pad



<b>Surface: 24A-10-07-91</b>	
701' FSL	
1633' FEL	
Gnd El= 7282.5	
Pad El= 7282.5	
<b>NAD83</b>	
Lat: 39.456371989°N	
Long: 107.536078133°W	
<b>NAD27</b>	
Lat: 39.456391271°N	
Long: 107.535467939°W	
UTM 13 NORTH	
<b>NAD 1983</b>	
NORTHING	14338857.807
EASTING	924540.118

<b>Bottom: 24A-10-07-91</b>	
1221' FSL	
1990' FWL	
<b>NAD83</b>	
Lat: 39.457818801°N	
Long: 107.541933900°W	
<b>NAD27</b>	
Lat: 39.457838094°N	
Long: 107.541323472°W	

**Notes:**

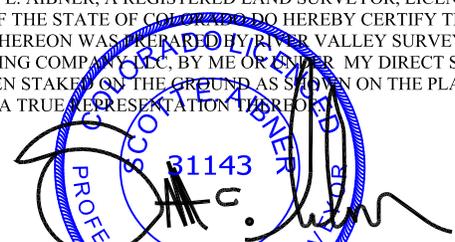
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2. ELEVATIONS ARE BASED ON NAVD OF 1929.
3. ALL BOTTOM AND TOP HOLE LOCATIONS ARE MEASURED 90 DEGREES FROM SECTION LINE.
4. USGS QUADRANGLE MAP "GIBSON GULCH".
5. CURRENT SURFACE LAND USE: GAS PAD.
6. PDOP AT THE TIME OF LOCATION OF SURFACE WELL = 2.1

**Legend**

- ◆ - Field Surveyed Section Corner
- ◆ - Field Surveyed Quarter Corner
- ⊙ - Calculated Section Corner Location
- ⊙ - Field Surveyed 1/6 Corner

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BY:   
 SCOTT E. AIBNER, COLORADO REG. NO. 31143

**Prepared For: Ursa Operating Company LLC**  
**Proposed Castle Springs Federal Well 24A-10-07-91,**  
**Surface Situate in The SE 1/4 Section 10, Township 7 South,**  
**Range 91 West of the 6 th. Principal Meridian, County of**  
**Garfield, State of Colorado.**



**River Valley Survey, Inc.**  
 110 East 3rd. Street, Suite 213  
 Rifle, Colorado 81650  
 Ph: 970-379-7846

Project: RVS 06001-41Q	
Field Date: 12-17-12	Scale: 1"= 1000'
Date: 02-05-14	Sheet: 1 of 1

**303.a Form 2**  
**Castle Springs Federal Q Pad**  
**Castle Springs Well 24A-10-07-91**  
**Section 10, Township 7 South, Range 91 West**