



### Legend

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

### Surface: 12B-19-2-97

1103' FSL  
1624' FWL  
Gnd El= 6305  
Pad El= 6305  
**NAD83**  
Lat: 39.857574347°N  
Long: 108.328393670°W

### Bottom: 12B-19-2-97

1890' FNL  
454' FWL  
**NAD83**  
Lat: 39.863840501°N  
Long: 108.332576200°W

### Notes:

1. LATITUDE AND LONGITUDE COORDINATES ARE DIFFERENTIALLY CORRECTED AND BASED ON PUBLISHED MESA COUNTY RTVRN NETWORK. SYSTEM: UTM ZONE: 12 NORTH AMERICAN DATUM: NAD 1983 (CONUS)
2. ELEVATIONS ARE BASED ON NAVD OF 1988.
3. ALL BOTTOM AND TOP HOLE LOCATIONS ARE MEASURED 90 DEGREES FROM SECTION LINE.
4. USGS QUADRANGLE MAP "Rock School".
5. CURRENT SURFACE LAND USE: GAS PAD.
6. PDOP AT THE TIME OF LOCATION OF SURFACE WELL = 1.1
7. GPS OPERATOR: P. HOFFMANN

### 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 HAS BEEN STAKED ON THE GROUND AS SHOWN ON THE PLAT AND THAT THIS PLAT IS A TRUE REPRESENTATION THEREOF.

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

**Prepared For: Ursa Operating Company LLC**  
**Proposed Boies Ranch B-19N Fed 12B-19-2-97 Well,**  
**Surface Situate in The SE 1/4 SW 1/4 Section 19, Township 2**  
**South, Range 97 West of the 6th. Principal Meridian,**  
**County of Rio Blanco, State of Colorado.**



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

**Project:** RVS 06001-65 BR B-19N

**Field Date:** 07-16-18

**Date:** 09-20-18

**Scale:** 1"= 1000'

**Sheet:** 1 of 1

### 303.a Form 2

**Boies Ranch B-19N Fed Pad**  
**Boies Ranch B-19N Fed 12B-19-2-97**  
**Section 19, Township 2 South, Range 97 West**