



Legend

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

Surface: 33C-19-2-97

1077' FSL
1674' FWL
Gnd El= 6305
Pad El= 6305
NAD83
Lat: 39.857504772°N
Long: 108.328216245°W

Bottom: 33C-19-2-97

1780' FSL
2172' FEL
NAD83
Lat: 39.859455001°N
Long: 108.322959000°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 33C-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: 01-05-17

Scale: 1"= 1000'

Date: 11-07-17

Sheet: 1 of 1

303.a Form 2
Boies Ranch B-19N Pad
BR B-19N 33C-19-2-97

Section 19, Township 2 South, Range 97 West