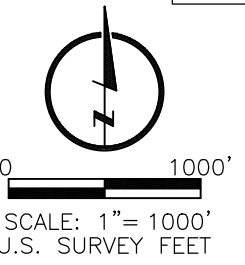
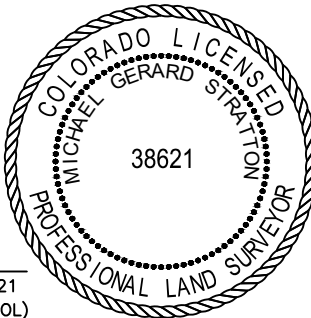


LAND SURVEYOR'S CERTIFICATION
 LAMP RYNEARSON, INC. OF FT. COLLINS, COLORADO HAS, IN ACCORDANCE WITH A REQUEST FROM SCOTT FARKAS OF CRESTONE PEAK RESOURCES OPERATING LLC, DETERMINED THE SURFACE LOCATION OF THE WELL DESIGNATED AS STATE HARVARD 5-64 8-7-12 3AH TO BE 2537' FROM THE SOUTH LINE AND 912' FROM THE EAST LINE OF SECTION 8, TOWNSHIP 5 SOUTH, RANGE 64 WEST OF THE 6TH P.M., ARAPAHOE COUNTY, COLORADO.

MICHAEL GERARD STRATTON COLORADO PLS 38621
 DATE OF SURVEY: 06/28/2024 (SECTION CONTROL)
 DATE OF SURVEY: 06/06/2024 (WELL LOCATION)



SURFACE POINT				LANDING POINT/BEGIN HORIZONTAL COMPLETION ZONE				INFLECTION POINT #1				BOTTOM HOLE/END HORIZONTAL COMPLETION ZONE			
2537'	FSL	912'	FEL	2510'	FSL	150'	FEL	2180'	FSL	0'	FWL	2180'	FSL	2478'	FEL
SURFACE POINT				LANDING POINT				INFLECTION POINT 1				BOTTOM HOLE			
LATITUDE	LONGITUDE	ELEVATION	PDOP	OPERATOR	LATITUDE	LONGITUDE	LATITUDE	LONGITUDE	LATITUDE	LONGITUDE	LATITUDE	LONGITUDE	LATITUDE	LONGITUDE	
39.630276	-104.569757	5925	1.412	I.PRUSHNOK	39.630132	-104.567051	39.629691	-104.585223	39.629844	-104.612771					

- LEGEND**
- ◆ COMPUTED ALIQUOT CORNER
 - ⊙ ALIQUOT CORNER
 - ⊙ BOTTOM HOLE
 - ⊙ ALIQUOT WITNESS CORNER
 - △ LANDING POINT
 - ⊙ PROPOSED WELL
 - A.C. ALUMINUM CAP
 - R.B. RANGE BOX
 - CONC. CONCRETE
 - I.C.V.B. IRRIGATION CONTROL VALVE BOX

BASIS OF BEARING:
 THE NORTH LINE OF THE SOUTHEAST QUARTER OF SECTION 8-T5S-R64W BEARS N88°19'02"W FOR A DISTANCE OF 2626.66' FEET BETWEEN THE EAST QUARTER CORNER OF SECTION 8 MONUMENTED BY A #6 REBAR WITH A 2-1/2" ALUMINUM CAP STAMPED, "PLS 28285", AND AT THE CENTER QUARTER CORNER OF SECTION 8, MONUMENTED BY A 2-3/8" PIPE WITH A 2-1/2" ALUMINUM CAP STAMPED, "PLS 22573", SAID BEARING BEING A GRID BEARING BASED ON A CUSTOM LOW-DISTORTION PROJECTION USING THE NORTH AMERICAN DATUM OF 1983(2011).

- NOTES:**
- DISTANCES ARE MEASURED PERPENDICULAR TO NEAREST SECTION LINE AND ARE SHOWN ON THE SAME SIDE OF THE SECTION LINE WHERE THE WELL IS LOCATED.
 - ALL LINEAL DISTANCES SHOWN USE THE U.S. SURVEY FOOT; DEFINED AS 1 U.S. FOOT = 1200/3937 METERS.
 - THIS MAP DOES NOT REPRESENT A MONUMENTED BOUNDARY SURVEY. SIXTEENTH CORNER LOCATIONS ARE COMPUTED, UNLESS OTHERWISE NOTED.
 - BOTTOM HOLE LOCATIONS AND HORIZONTAL COMPLETION ZONE PROVIDED BY OTHERS.
 - ALL REBAR AND CAPS ARE MEASURED IN INCHES.
 - ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 AS MEASURED BY GNSS OBSERVATIONS USING GEOID 18.

LAMP RYNEARSON
 LAMP RYNEARSON.COM

DESIGNER / DRAFTER
ARISTO CAUWELS

REVIEWER
MICHAEL STRATTON

PROJECT NUMBER
0222037

DATE
05/06/2025

SURFACE LOCATION
E1/2 E1/2 SEC 8, T5S, R64W

BOOK AND PAGE

CIVITAS
 CRESTONE PEAK RESOURCES OPERATING LLC

WELL LOCATION PLAT

CRESTONE PEAK RESOURCES OPERATING LLC

STATE HARVARD 5-64 8-7-12 3AH