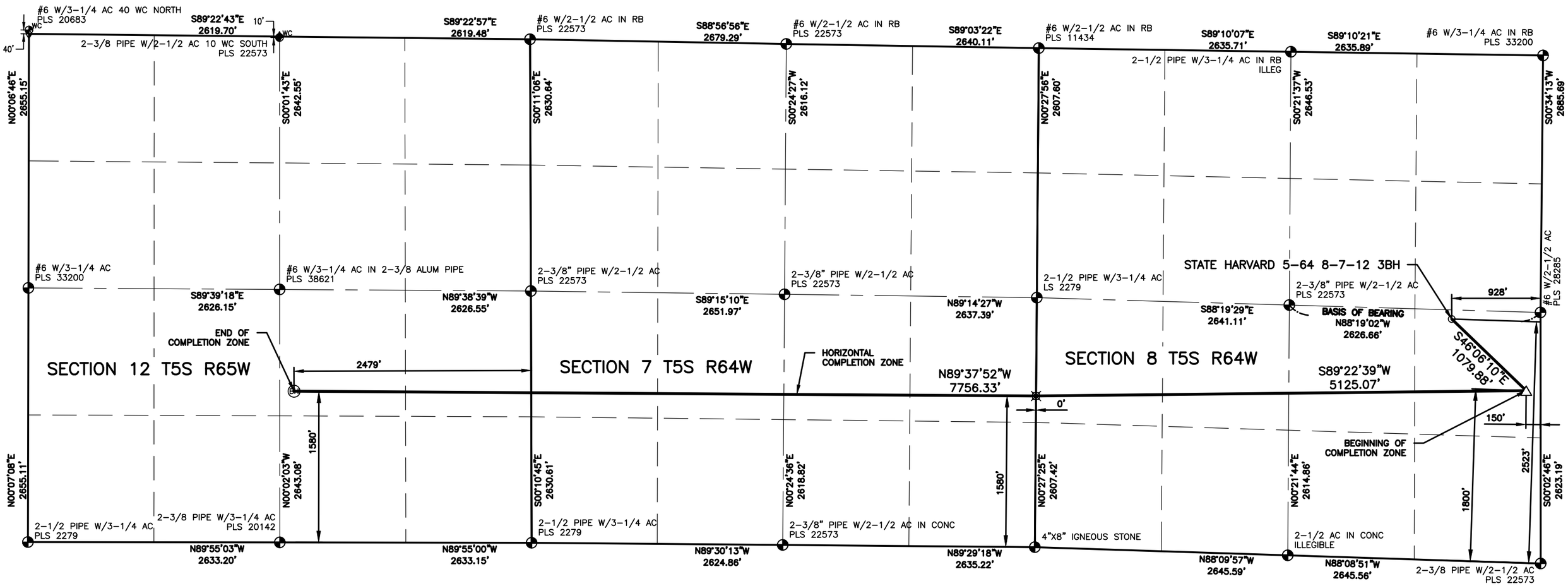

LAND SURVEYOR'S CERTIFICATION

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 3BH TO BE 2523' FROM THE SOUTH LINE AND 928' FROM THE EAST LINE OF SECTION 8, TOWNSHIP 5 SOUTH, RANGE 64 WEST OF THE 6TH P.M., ARAPAHOE COUNTY, COLORADO.

COLORADO LICENSED
MICHAEL GERARD STRATTON
38621
2025.05.06 20:24:49-06'00'
PROFESSIONAL LAND SURVEYOR

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			
2523'	FSL	928'	FEL	1800'	FSL	150'	FEL	1580'	FSL	0'	FWL	1580'	FSL	2479'	FEL

SURFACE POINT					LANDING POINT		INFLECTION POINT 1		BOTTOM HOLE	
LATITUDE	LONGITUDE	ELEVATION	PDOP	OPERATOR	LATITUDE	LONGITUDE	LATITUDE	LONGITUDE	LATITUDE	LONGITUDE
39.630240	-104.569811	5926	1.508	I.PRUSHNOK	39.628183	-104.567052	39.628044	-104.585242	39.628197	-104.612771

0 1000'
SCALE: 1"= 1000'
U.S. SURVEY FEET

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:

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

LAMP RYNEARSON
LAMPRYNEARSON.COM

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FORT COLLINS, COLORADO
4715 INNOVATION DR., STE. 100 (970)226.0342
KANSAS CITY, MISSOURI
9001 STATE LINE RD., STE. 200 (816)361.0440

CIVITAS
CRESTONE PEAK RESOURCES OPERATING LLC

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

WELL LOCATION PLAT

CRESTONE PEAK RESOURCES OPERATING LLC

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

L:\Engineering\0222037 Civitas - State Harvard Yale\SURVEY\DRAWINGS\EXHIBITS\STATE HARVARD 5-64 8-7-12 3BH.dwg, 5/6/2025 10:59:42 AM, ARISTO CAUWELS, LAMP RYNEARSON