

# MELBON RANCH 4K-17H-M265 WELL LOCATION EXHIBIT

2½" ALUM. CAP  
PLS 23027, 2000

S89°59'02"E 2639.20'

S89°58'52"E 2639.13'

3½" ALUM. CAP  
ILLEGIBLE, 1997

**NOTES:**  
BH LOCATION PROVIDED BY CLIENT.  
LAND SURFACE USE- CROPLAND  
EXISTING WELL MELBON RANCH 3B-17H  
IS 127' N AT 1323' FSL & 219' FWL  
EXISTING WELL MELBON RANCH 3A-17H  
IS 99' N AT 1294' FSL & 219' FWL  
SEE LOCATION DRAWING FOR ADDITIONAL  
IMPROVEMENTS WITHIN 500'

PDOP=1.7  
GPS OPERATOR: CHARLIE SCOTT

**SURFACE LOCATION:**  
GROUND ELEVATION=4956'  
NAD83  
LATITUDE:40.134632° N  
LONGITUDE:104.696638° W

**TOP OF PRODUCTION ZONE LOCATION:**  
NAD83  
LATITUDE:40.131415° N  
LONGITUDE:104.695835° W

**BOTTOM HOLE LOCATION:**  
NAD83  
LATITUDE:40.131510° N  
LONGITUDE:104.680068° W

# 17

2½" ALUM. CAP  
PLS 9644, 2011

N89°55'24"E 2649.60'

N89°55'12"E 2648.11'

S00°05'36"W 2642.89'

2½" ALUM. CAP  
ILLEGIBLE

N00°30'41"E 2651.85'

N00°48'45"E 2674.19'

EXISTING WELL  
MELBON RANCH 3B-17H

EXISTING WELL  
MELBON RANCH 3A-17H

MELBON RANCH  
4K-17H-M265

219'

S10°48'50"E  
1193.83'

TPZ: 20' FSL  
460' FWL

N00°17'14"E 2647.48'

N00°17'09"E 2644.66'

BHL: 20' FSL  
460' FEL

N89°33'59"E 4410.20'

2½" ALUM. CAP  
ILLEGIBLE S89°50'18"W 2656.14'

S89°17'47"W 2674.52'

2½" ALUM. CAP  
ILLEGIBLE

S00°06'43"W 2640.84'

2½" ALUM. CAP  
ILLEGIBLE

## LEGEND

- ⊙ = EXISTING MONUMENT
- ⊕ = CALCULATED POSITION
- = PROPOSED WELL
- ◆ = EXISTING WELL
- ⊕ = BOTTOM HOLE
- ▲ = TOP OF PRODUCTION ZONE
- TPZ = TOP OF PRODUCTION ZONE
- BHL = BOTTOM HOLE LOCATION
- WC = WITNESS CORNER

## NOTES:

- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- ALL DISTANCES AND BEARINGS SHOWN HEREON ARE GROUND VALUES AS GPS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO LINES SHOWN HEREON. THIS LOW DISTORTION PROJECTION (LDP) IS BASED ON THE NORTH AMERICAN DATUM OF 1983, U.S. SURVEY FOOT WITH A LATITUDE ORIGIN OF 40.131398°N, A CENTRAL MERIDIAN LONGITUDE OF 104.659571°W, AND A SCALE FACTOR ON THE CENTRAL MERIDIAN OF 1.000233 (EXACT). THE LDP BASIS OF BEARINGS IS GEODETIC NORTH.
- FIELD VERIFICATION OF MONUMENTS COMPLETED WITHIN 1 YEAR OF SIGNATURE DATE, UNLESS OTHERWISE NOTED.

## WELL MELBON RANCH 4K-17H-M265 TO BE LOCATED 1195' FSL & 219' FWL

I, ROBERT J. GUFFEY, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY STATE TO **CRESTONE PEAK RESOURCES** THAT THE WELL LOCATION EXHIBIT SHOWN HEREON WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THE DRAWING SHOWN HEREON ACCURATELY DEPICTS THE PROPOSED LOCATION OF THE WELL. THIS EXHIBIT MEETS THE REQUIREMENTS OF A GIS LAND POSITION AS DEFINED BY SECTION 38-51-102 (7.5) C.R.S. AND AS SUCH PER SECTION 38-51-109.3 C.R.S. CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

ROBERT J. GUFFEY, PLS 20680  
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
FOR AND ON BEHALF OF P.F.S., LLC  
d.b.a. ASCENT GEOMATICS SOLUTIONS



NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THIS SAID DATE OF THIS CERTIFICATION SHOWN HEREON.

SHEET 1 OF 1

 <p>7535 Hilltop Circle Denver, CO 80221 (303) 928-7720 www.ascentgeomatics.com</p>	FIELD DATE 03-01-18	WELL NAME MELBON RANCH 4K-17H-M265	PREPARED FOR  CRESTONE PEAK RESOURCES
	DRAWING DATE: 05-23-18	SURFACE LOCATION SW 1/4 SW 1/4 SEC. 17, T2N, R65W, 6TH P.M. WELD COUNTY, COLORADO	
BY SMF	CHECKED: RMC		