

MELBON RANCH 4I-17H-M265 WELL LOCATION EXHIBIT

2 1/2" ALUM. CAP
PLS 23027, 2000

S89°59'02"E 2639.20'

S89°58'52"E 2639.13'

3 1/4" ALUM. CAP
ILLEGIBLE, 1997

NOTES:

BH LOCATION PROVIDED BY CLIENT.
LAND SURFACE USE- CROPLAND
EXISTING WELL MELBON RANCH 3B-17H
IS 107' N AT 1323' FSL & 219' FWL
EXISTING WELL MELBON RANCH 3A-17H
IS 79' 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:40.134687° N
LONGITUDE:104.696637° W

TOP OF PRODUCTION ZONE LOCATION:

NAD83
LATITUDE:40.133226° N
LONGITUDE:104.695725° W

BOTTOM HOLE LOCATION:

NAD83
LATITUDE:40.133212° N
LONGITUDE:104.680064° W

17

2 1/2" ALUM. CAP
PLS 9644, 2011

N89°55'12"E 2648.11'

2 1/2" ALUM. CAP
ILLEGIBLE

N89°55'24"E 2649.60'

EXISTING WELL
MELBON RANCH 3B-17H

EXISTING WELL
MELBON RANCH 3A-17H

MELBON RANCH
4I-17H-M265

219'

S25°34'27"E
590.45'

TPZ: 680' FSL
460' FWL

S89°54'47"E 4380.20'

BHL: 640' FSL
460' FEL

2 1/2" ALUM. CAP
ILLEGIBLE

S89°17'47"W 2674.52'

2 1/2" ALUM. CAP
ILLEGIBLE

S89°50'18"W 2656.14'

2 1/2" 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 4I-17H-M265 TO BE LOCATED 1215' 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.



FIELD DATE
03-01-18
DRAWING DATE
05-23-18
BY
SMF
CHECKED
RMC

WELL NAME
MELBON RANCH 4I-17H-M265
SURFACE LOCATION
SW 1/4 SW 1/4 SEC. 17, T2N, R65W, 6TH P.M.
WELD COUNTY, COLORADO

PREPARED FOR:



SHEET 1 OF 1