

T2N, R67W

E. 1/16 COR.
SEC. 30 & SEC. 31, T2N, R67W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 24305

NW. COR.
SEC. 31, T2N, R67W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 37946

NE. COR.
SEC. 31, T2N, R67W
FOUND 3 1/4" BLM
BRASS CAP

N. 1/16 COR.
SEC. 31 & SEC. 32
T2N, R67W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 24305

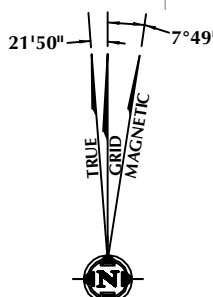
E. 1/4 COR.
SEC. 31, T2N, R67W
FOUND 2" ALUM. CAP
ILLEGIBLE

SE. COR.
SEC. 31, T2N, R67W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 7242

CENTER 1/4 COR.
SEC. 31, T2N, R67W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 24305

31

SURFACE LOCATION: NAD 83
GROUND ELEVATION= 5112.2'
LATITUDE= 40.070788°
LONGITUDE= -104.936657°
HEEL LOCATION: NAD 83
LATITUDE= 40.072745°
LONGITUDE= -104.932401°
BOTTOM HOLE LOCATION: NAD 83
LATITUDE= 40.102065°
LONGITUDE= -104.932367°
LONGITUDE= -104°06'07.434"
LONGITUDE= -104°55'56.521"



NOTE:
MAGNETIC NORTH IS CURRENT AS OF 5/7/2018.
MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.

SCALE: 1" = 1000'

NOTES:

- ▲ INDICATES SECTION CORNER.
- INDICATES CALCULATED CORNER.
- ELEVATION BASED ON NAVD88 (GEOID12B).
- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
- ALL MEASURED DISTANCES ARE GRID.
- COMBINED SCALE FACTOR: .99972179 CALCULATED FROM THE SW. CORNER OF SECTION 6, T1N, R67W.
- OPERATOR: PRESTON KNUITSEN / PDOP = 1.5.
- SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
- WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
- THE BOTTOM OF HOLE BEARS N00°18'54"W, 10680' FROM THE HEEL LOCATION.
- NO. 1 & NO. 2 AS SHOWN HEREON ARE GOVERNMENT LOTS 1 & 2 PER THE ORIGINAL GLO SURVEY.

CERTIFICATE OF SURVEYOR:

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 38-50-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

Randall K. French
6/7/18
RANDALL K. FRENCH
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 38512

NOTICE:
ACCORDING TO COLORADO STATE LAW YOU MUST COME TO COURT FOR 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 THE DATE ON THE CERTIFICATION SHOWN HEREON.

WELL PAD - RANGER 18-7HZ

RANGER 7-20HZ
WELL LOCATION CERTIFICATE
824' FNL & 1589' FWL LOT 1 (NENW) (SURFACE)
100' FNL & 2378' FEL NWNE (HEEL)
LOCATED IN SECTION 7
T1N, R67W, 6TH P.M.
50' FNL & 2379' FEL NWNE (BOTTOM)
LOCATED IN SECTION 31
T2N, R67W, 6TH P.M.
WELD COUNTY, COLORADO

**Kerr-McGee Oil &
Gas Onshore L.P.**
1099 18th Street
Denver, Colorado 80202



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DATE DRAFTED:	6/7/18	DATE SURVEYED:	5/7/18	2
REVISED:		FILE NAME:	16-183	2 OF 2