

T3N, R66W

S 89°06'02" W 2673.83' (M)

NE. COR.
SEC. 20, T3N, R66W
FOUND 2" ALUM. CAP
ILLEGIBLE S 88°49'29" W 2613.01' (M)N. 1/4 COR.
SEC. 20, T3N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 22098N. 1/4 COR.
SEC. 21, T3N, R66W
FOUND 2" ALUM. CAP
L.S. NO. 25937N 00°55'01" W
2645.00' (M)BOTTOM OF HOLE:
50' FNL & 44' FELN 02°05'13" W 5166' GRID
N 01°37'52" W TRUE
N 09°41'13" W MAGNETICN 00°58'47" W
1316.26' (M)N. 1/16 COR.
SEC. 20 & SEC. 21
T3N, R66W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 38345N 00°51'29" W
2635.92' (C)**20****21**CENTER 1/4 COR.
SEC. 20, T3N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 22098S 88°50'00" W
1338.34' (M)S 88°49'58" W
1338.39' (M)S 88°53'56" W
2607.42' (C)CE. 1/16 COR.
SEC. 20, T3N, R66W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 9644E. 1/4 COR.
SEC. 20, T3N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 22098

SURFACE LOCATION: NAD 83
GROUND ELEVATION= 4953.2'
LATITUDE= 40.203869°
LONGITUDE= -104.794572°
LATITUDE= 40°12'13.928"
LONGITUDE= -104°47'40.459"
HEEL LOCATION: NAD 83
LATITUDE= 40.203281°
LONGITUDE= -104.791392°
LATITUDE= 40°12'11.811"
LONGITUDE= -104°47'29.011"
BOTTOM HOLE LOCATION: NAD 83
LATITUDE= 40.217457°
LONGITUDE= -104.791918°
LATITUDE= 40°13'02.845"
LONGITUDE= -104°47'30.905"

N 00°55'10" W
2627.98' (M)**NILES MILLER 20-8HZ**
SURFACE LOCATION

830'

N 00°58'49" W
2632.54' (M)N 00°51'29" W
2632.43' (C)S. 1/4 COR.
SEC. 20, T3N, R66W
FOUND 3 1/4" ALUM. CAP
P.L.S. NO. 13155S 88°55'52" W
1339.75' (M)S 88°53'46" W
2601.81' (M)S. 1/4 COR.
SEC. 21, T3N, R66W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 36073**29****28****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 THAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.S. 38-5-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

Randall K. French
38512
PROFESSIONAL LAND SURVEYOR
12/19/18
COLORADO REGISTRATION NUMBER 38512

NOTICE:
ACCORDING TO COLORADO STATE LAW YOU MUST COMMENCE 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.

27°21' 7°36'



NOTE:
MAGNETIC NORTH IS
CURRENT AS OF 11/30/2018.
MAGNETIC NORTH CHANGES
WEST 0°06' PER YEAR.

SCALE: 1" = 1000'

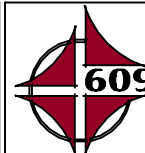
NOTES:

1. ▲ INDICATES SECTION CORNER.
2. ● INDICATES CALCULATED CORNER.
3. ELEVATION BASED ON NAVD88 (GEOID12B).
4. BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
5. ALL MEASURED DISTANCES ARE GRID.
COMBINED SCALE FACTOR: .99972278 CALCULATED FROM THE W. 1/4 CORNER OF SECTION 21, T3N, R66W.
6. OPERATOR: TRAVIS HOLLAND / PDOP = 1.2.
7. SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
8. WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
9. THE BOTTOM OF HOLE BEARS N02°05'13"W, 5166' FROM THE HEEL LOCATION.

WELL PAD - NILES MILLER 37-20HZ

NILES MILLER 20-8HZ
WELL LOCATION CERTIFICATE
274' FSL & 830' FEL SESE (SURFACE), LOCATED IN SECTION 20
50' FSL & 56' FWL SWSW (HEEL), LOCATED IN SECTION 21
50' FNL & 44' FEL NENE (BOTTOM), LOCATED IN SECTION 20
T3N, R66W, 6TH P.M.
WELD COUNTY, COLORADO

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

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DRAFTED BY:	LMO	CHECKED BY:	RKF
DATE DRAFTED:	12/19/18	DATE SURVEYED:	11/30/18
REVISED:		FILE NAME:	17-222