

T1N, R68W

NW. COR.
SEC. 21, T1N, R68W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 23501

S 89°38'40" W 2663.00' (M)

S 89°38'17" W 2662.51' (M)

NE. COR.
SEC. 21, T1N, R68W
FOUND 2" ALUM. CAP
ILLEGIBLE

SURFACE LOCATION: NAD 83
GROUND ELEVATION= 5222.7'
LATITUDE= 40.030177°
LONGITUDE= -105.007347°
LATITUDE= 40°01'48.637"
LONGITUDE= -105°00'26.448"
HEEL LOCATION: NAD 83
LATITUDE= 40.029532°
LONGITUDE= -105.000071°
LATITUDE= 40°01'46.316"
LONGITUDE= -105°00'00.257"
BOTTOM HOLE LOCATION: NAD 83
LATITUDE= 40.043666°
LONGITUDE= -105.000070°
LATITUDE= 40°02'37.198"
LONGITUDE= -105°00'00.252"

BOTTOM OF HOLE:
90' FNL & 248' FEL

N 00°19'07" W 5149' GRID
N 00°00'01" W TRUE
N 08°12'07" W MAGNETIC

N 00°30'01" W
1322.05' (M)

N. 1/16 COR.
SEC. 21 & SEC. 22
T1N, R68W
FOUND 2 1/2" ALUM. CAP
ILLEGIBLE

N 00°29'12" W
1321.90' (M)

E. 1/4 COR.
SEC. 21, T1N, R68W
FOUND 2" ALUM. CAP
L.S. NO. 25937

W. 1/4 COR.
SEC. 21, T1N, R68W
FOUND 3 1/4" ALUM. CAP
P.L.S. NO. 26606

S 89°31'52" W
2675.60' (M)

CENTER 1/4 COR.
SEC. 21, T1N, R68W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 28286

21

S 89°31'45" W
1336.73' (M)

CE. 1/16 COR.
SEC. 21, T1N, R68W
FOUND 2" ALUM. CAP
P.L.S. NO. 28286

S 89°31'50" W
1336.37' (M)

N 00°30'18" W
1321.79' (M)

S. 1/16 COR.
SEC. 21 & SEC. 22
T1N, R68W
FOUND 2" ALUM. CAP
L.S. NO. 25937

N 00°30'24" W
1321.66' (M)

SE. COR.
SEC. 21, T1N, R68W
FOUND 2" ALUM. CAP
L.S. NO. 25937

WINDSOCK 21-8HZ
SURFACE LOCATION

295'

HEEL LOCATION

2301'

264'

SW. COR.
SEC. 21, T1N, R68W
FOUND 3 1/4" ALUM. CAP
ILLEGIBLE

S 89°25'59" W 2682.97' (M)

S. 1/4 COR.
SEC. 21, T1N, R68W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 38512

S 89°23'46" W
1342.02' (M)

E. 1/16 COR.
SEC. 21 & SEC. 28, T1N, R68W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 38512

S 89°23'46" W
1342.02' (M)

N 00°33'21" W
2642.83' (M)

E. 1/4 COR.
SEC. 28, T1N, R68W
FOUND 3 1/4" ALUM. CAP
P.L.S. NO. 18482

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.S. 37-5-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

Randall K. French
38512
PROFESSIONAL LAND SURVEYOR
3/12/19
COLORADO REGISTRATION NUMBER 38512

NOTICE: ACCORDING TO COLORADO STATE LAW YOU MUST TAKE 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.

NOTE:
MAGNETIC NORTH IS CURRENT AS OF 11/14/2018.
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: .99971980 CALCULATED FROM THE NW. CORNER OF SECTION 21, T1N, R68W.
- OPERATOR: JEREMY GROVES / PDOP = 1.3.
- 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°19'07"W, 5149' FROM THE HEEL LOCATION.

WELL PAD - WINDSOCK 15-21HZ

WINDSOCK 21-8HZ
WELL LOCATION CERTIFICATE
295' FSL & 2301' FEL SWSE (SURFACE)
50' FSL & 264' FEL SESE (HEEL)
90' FNL & 248' FEL NENE (BOTTOM)
LOCATED IN SECTION 21
T1N, R68W, 6TH P.M.
WELD COUNTY, COLORADO

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



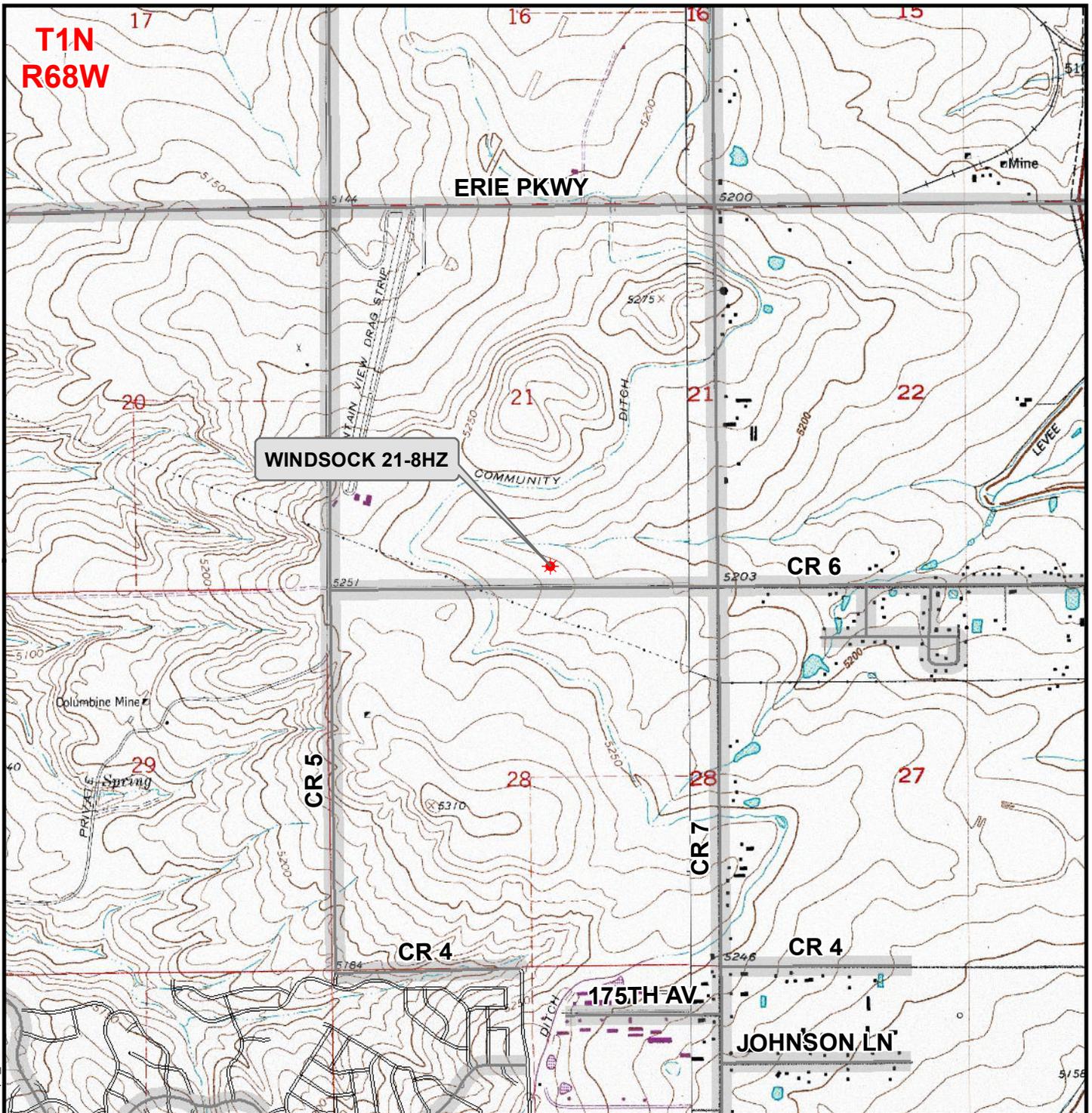
CONSULTING, LLC

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DRAFTED BY:	LMO	CHECKED BY:	RKF
DATE DRAFTED:	3/12/19	DATE SURVEYED:	11/14/18
REVISED:		FILE NAME:	15-64

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Legend

- Well - Proposed
- Road - Primitive - Existing
- Road - County - Existing
- Road - Improved - Existing
- Road - Highway - Existing

WELL PAD - WINDSOCK 15-21HZ
GENERAL LOCATION MAP
WINDSOCK 21-8HZ
LOCATED IN SECTION 21
T1N, R68W, 6th P.M.
WELD COUNTY, COLORADO

Kerr-McGee Oil & Gas Onshore L.P.
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 Denver, Colorado 80202



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SCALE: 1" = 2,000ft

NAD83 CO-Nft

DRAWN: DP

DATE: 12 Mar 2019

REVISED:

DATE: