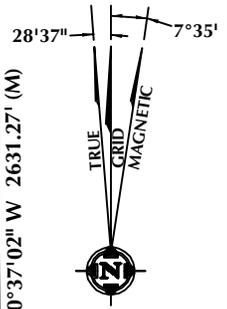
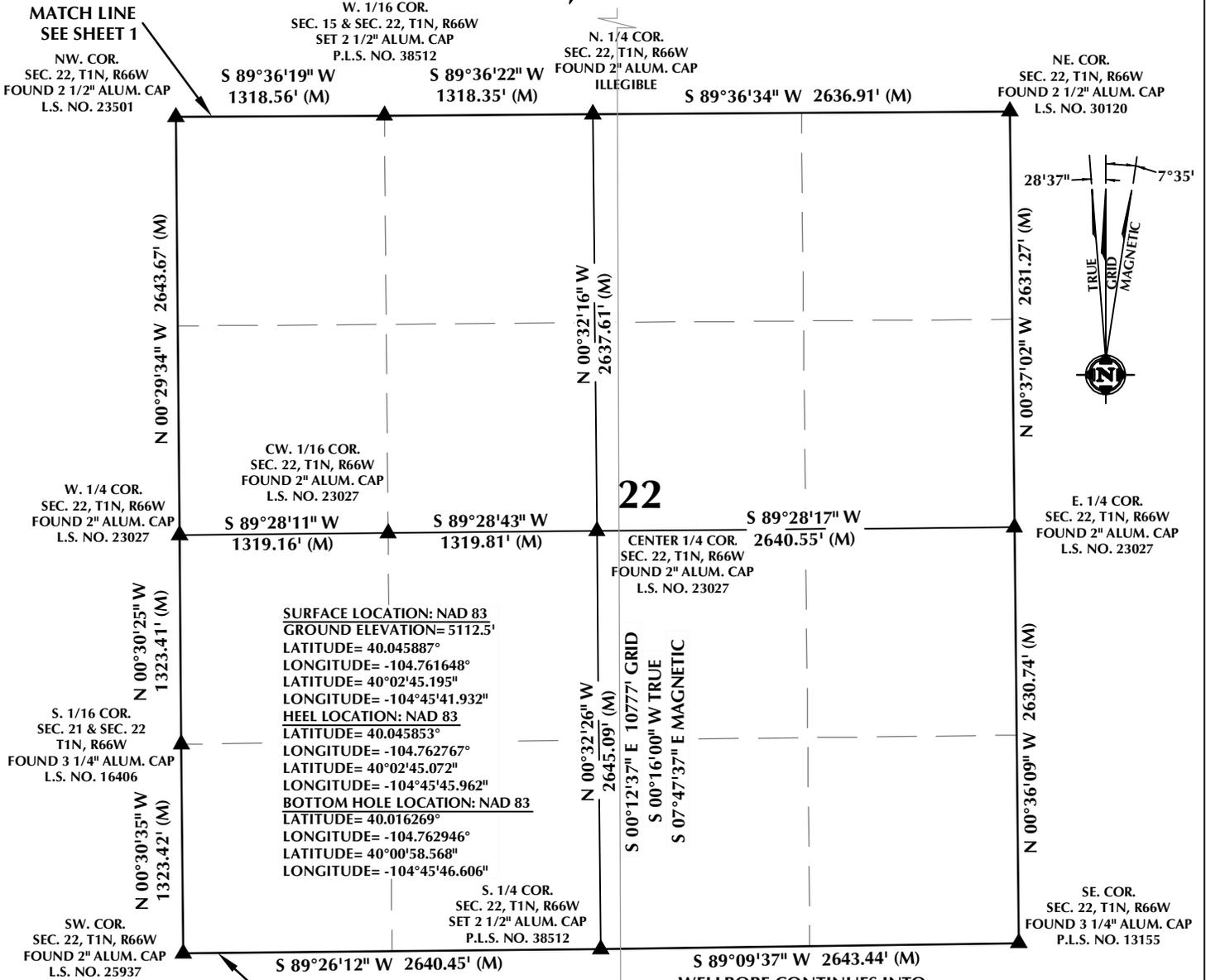


T1N, R66W



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 OR AN IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 38-5-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

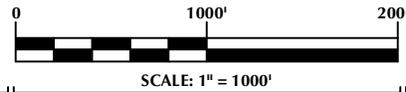
Randall K. French

 RANDALL K. FRENCH
 PROFESSIONAL LAND SURVEYOR
 COLORADO REGISTRATION NUMBER 38512

7/24/18
 RANDALL K. FRENCH
 PROFESSIONAL LAND SURVEYOR
 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.

NOTE:
 MAGNETIC NORTH IS CURRENT AS OF 6/25/2018.
 MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.



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: .99972498 CALCULATED FROM THE SW. CORNER OF SECTION 15, T1N, R66W.
- OPERATOR: TRAVIS HOLLAND / PDOP = 2.0.
- 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 S00°12'37"E, 10777' FROM THE HEEL LOCATION.

WELL PAD - MAB 15-15HZ

MAB 15-14HZ
WELL LOCATION CERTIFICATE
 683' FSL & 2171' FEL SWSE (SURFACE)
 670' FSL & 2484' FEL SWSE (HEEL)
 LOCATED IN SECTION 15
 471' FSL & 2535' FEL SWSE (BOTTOM)
 LOCATED IN SECTION 27
 T1N, R66W, 6TH P.M.
 WELD COUNTY, COLORADO

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



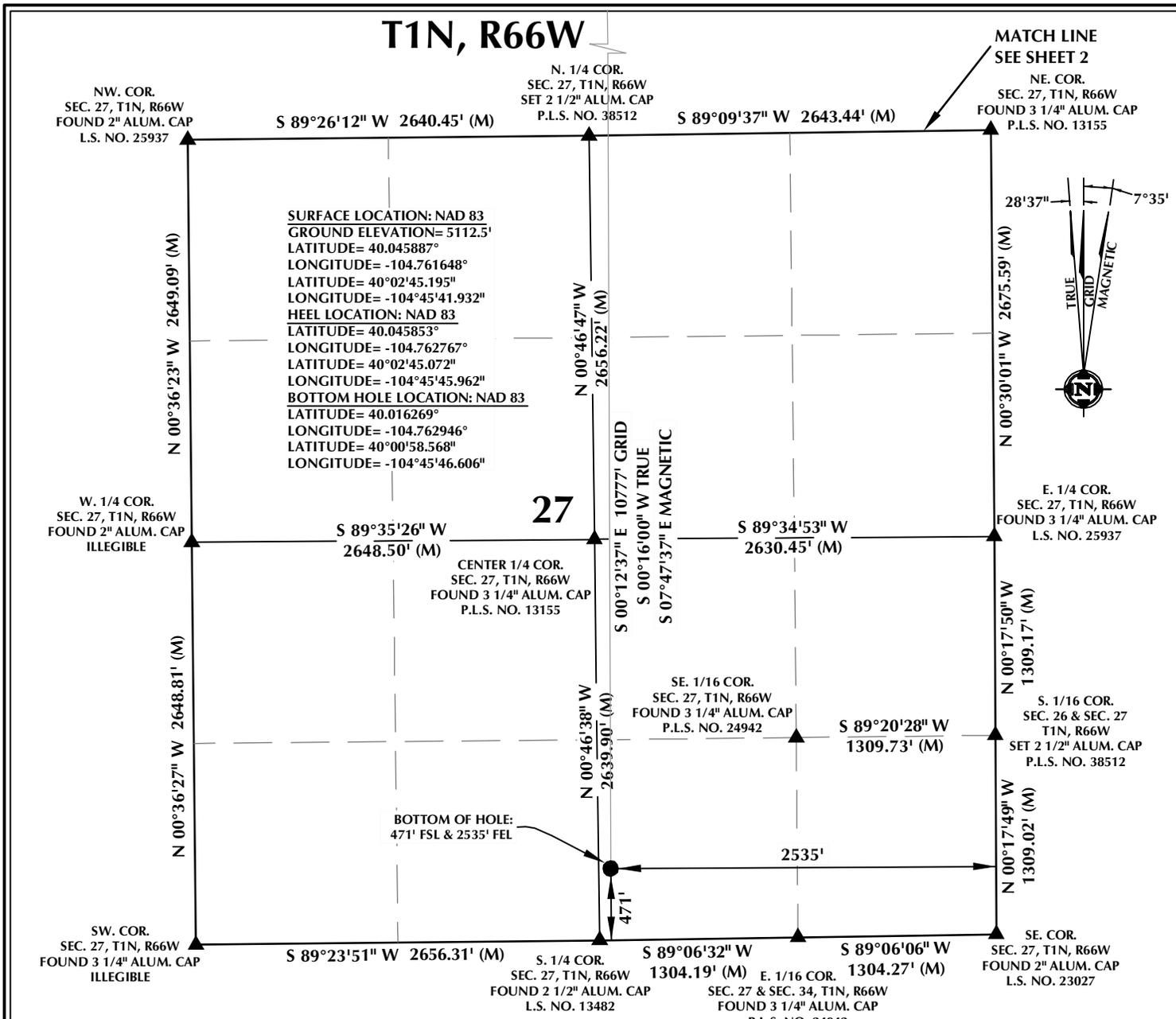
CONSULTING, LLC

SHERIDAN OFFICE
 1095 Saberton Avenue
 Sheridan, Wyoming 82801
 Phone 307-674-0609

LOVELAND OFFICE
 6706 North Franklin Avenue
 Loveland, Colorado 80538
 Phone 970-776-4331

DRAFTED BY:	LMO	CHECKED BY:	RKF	SHEET NO:
DATE DRAFTED:	7/24/18	DATE SURVEYED:	6/25/18	2
REVISED:		FILE NAME:	18-12	2 OF 3

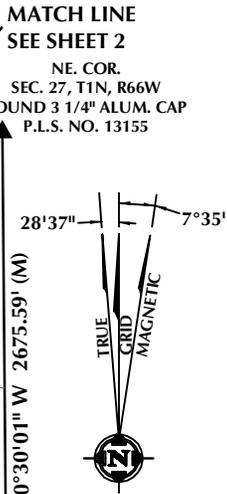
T1N, R66W



SURFACE LOCATION: NAD 83
 GROUND ELEVATION= 5112.5'
 LATITUDE= 40.045887°
 LONGITUDE= -104.761648°
 LATITUDE= 40°02'45.195"
 LONGITUDE= -104°45'41.932"
HEEL LOCATION: NAD 83
 LATITUDE= 40.045853°
 LONGITUDE= -104.762767°
 LATITUDE= 40°02'45.072"
 LONGITUDE= -104°45'45.962"
BOTTOM HOLE LOCATION: NAD 83
 LATITUDE= 40.016269°
 LONGITUDE= -104.762946°
 LATITUDE= 40°00'58.568"
 LONGITUDE= -104°45'46.606"

27

BOTTOM OF HOLE:
 471' FSL & 2535' FEL



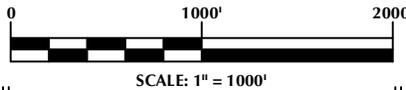
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Randall K. French
 RANDALL K. FRENCH
 PROFESSIONAL LAND SURVEYOR
 COLORADO REGISTRATION NUMBER 38512
 7/24/18

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WELL PAD - MAB 15-15HZ

MAB 15-14HZ
WELL LOCATION CERTIFICATE
 683' FSL & 2171' FEL SWSE (SURFACE)
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 T1N, R66W, 6TH P.M.
 WELD COUNTY, COLORADO

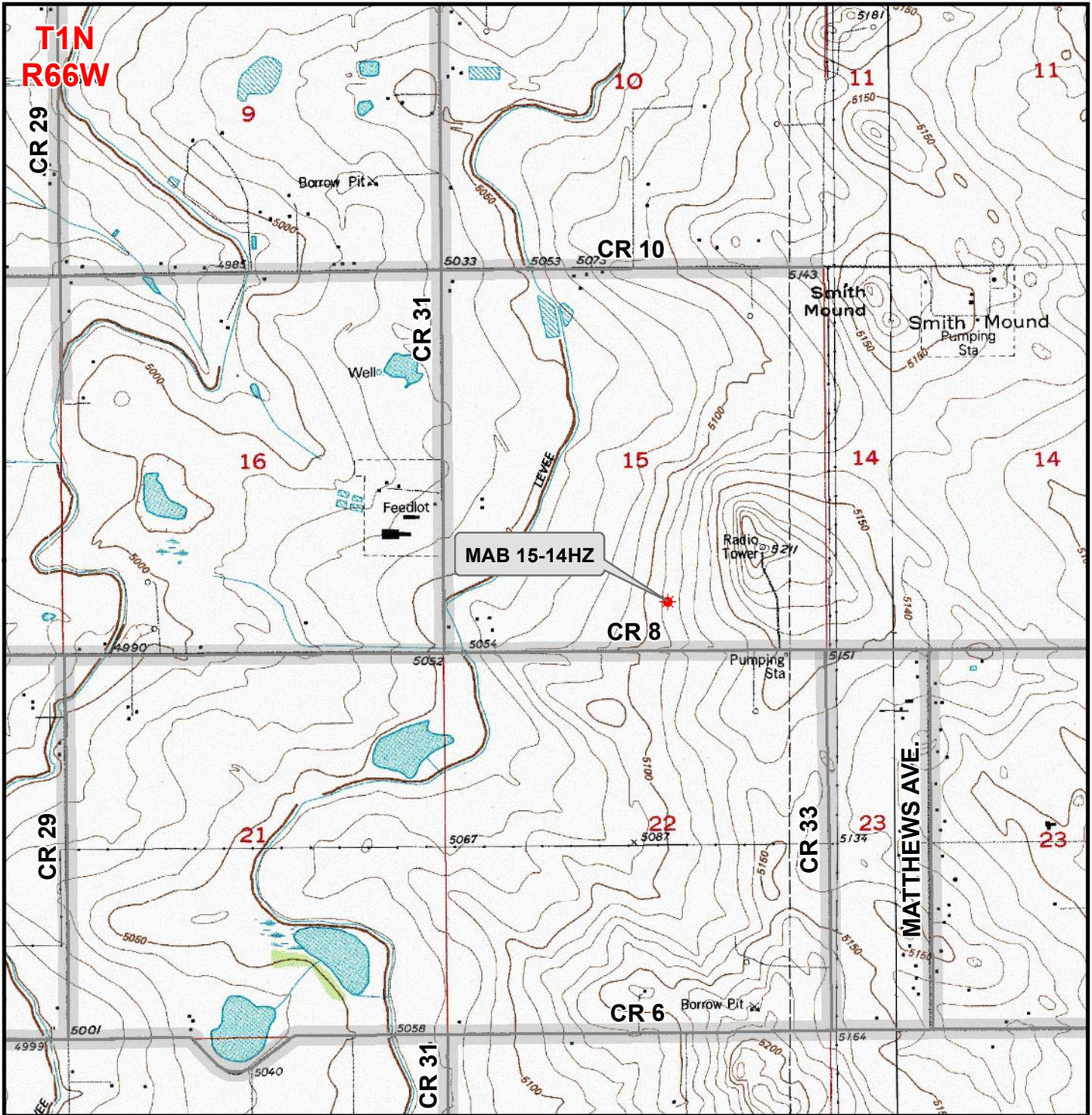
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DRAFTED BY: LMO	CHECKED BY: RKF	SHEET NO: 3 3 OF 3
DATE DRAFTED: 7/24/18	DATE SURVEYED: 6/25/18	
REVISED:	FILE NAME: 18-12	

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Legend

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

WELL PAD - MAB 15-15HZ
GENERAL LOCATION MAP
MAB 15-14HZ
LOCATED IN SECTION 15
T1N, R66W, 6th P.M.
WELD COUNTY, COLORADO

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



609

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Loveland, Colorado 80538
Phone 970-776-4331



SCALE: 1" = 2,000ft	NAD83 CO-Nft
DRAWN: DP	DATE: 24 Jul 2018
REVISED:	DATE: