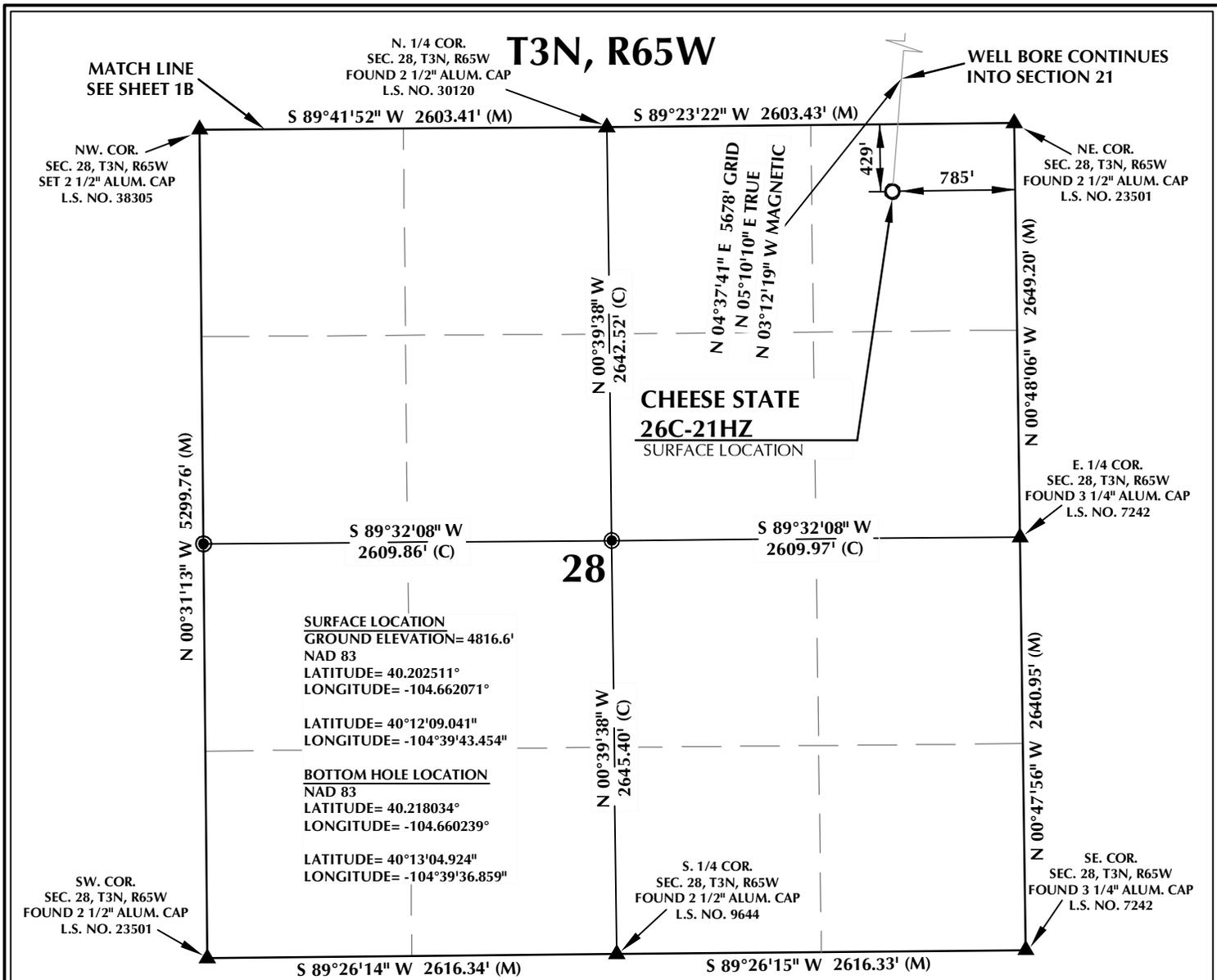


K:\LANDARKO\2014\2014_46_MOSER_WELL-STAKING_2NGSW\PLATS\CHEESE_16N-28HZ\CHEESE_16N-28HZ NORTH.IMG_8/21/2014 8:56:33 AM 100bhp



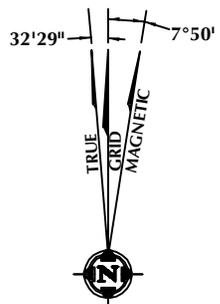
CERTIFICATE OF SURVEYOR:

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY 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. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

Benjamin J. Reenders
PROFESSIONAL LAND SURVEYOR
 BE 38305

BENJAMIN J. REENDERS
 PROFESSIONAL LAND SURVEYOR
 COLORADO REGISTRATION NUMBER 18326 8/20/14

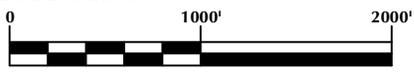
NOTICE:
 ACCORDING TO COLORADO STATE LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE ON THE CERTIFICATION SHOWN HEREON.



NOTE:
 MAGNETIC NORTH IS CURRENT AS OF 7/29/2014.
 MAGNETIC NORTH CHANGES WEST 0°08' PER YEAR.

NOTES:

- ▲ INDICATES FOUND SECTION CORNER
- INDICATES CALCULATED CORNER
- ELEVATION BASED ON NAVD88 (GEOID09)
- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM 1983 NORTH ZONE UNLESS OTHERWISE NOTED.
- ALL MEASURED DISTANCES ARE GRID.
COMBINED SCALE FACTOR: .99972948
- OPERATOR: ROB WILSON / PDOP = 1.4
- 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 N04°37'41"E 5678' FROM THE SURFACE LOCATION.



WELL PAD - CHEESE 16N-28HZ

CHEESE STATE 26C-21HZ
WELL LOCATION CERTIFICATE
 429' FNL & 785' FEL NENE (SURFACE)
 LOCATED IN SECTION 28
 50' FNL & 246' FEL NENE (BOTTOM)
 LOCATED IN SECTION 21
 T3N, R65W, 6TH P.M.
 WELD COUNTY, COLORADO

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



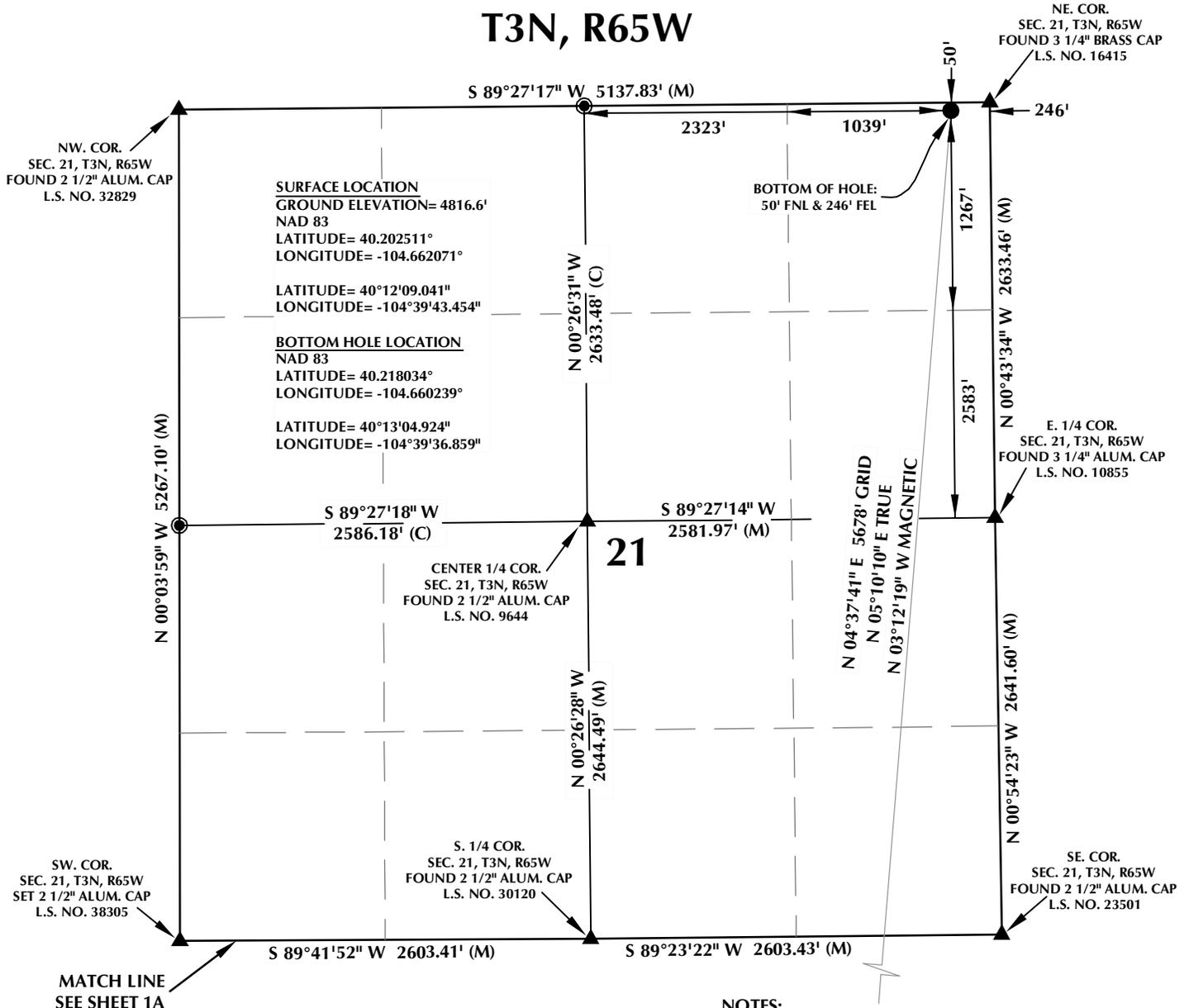
CONSULTING, LLC

SHERIDAN OFFICE
 2155 North Main Street
 Sheridan, Wyoming 82801
 Phone 307-674-0609

LOVELAND OFFICE
 1635 Foxtrail Drive, Suite 204
 Loveland, Colorado 80538
 Phone 970-776-4331

DRAFTED BY:	LMO	CHECKED BY:	BJR	SHEET NO: 1A 1A OF 1
DATE DRAFTED:	8/5/14	DATE SURVEYED:	7/23/14	
REVISED:	8/20/14	FILE NAME:	14-46	

T3N, R65W



SURFACE LOCATION
 GROUND ELEVATION= 4816.6'
 NAD 83
 LATITUDE= 40.202511°
 LONGITUDE= -104.662071°

LATITUDE= 40°12'09.041"
 LONGITUDE= -104°39'43.454"

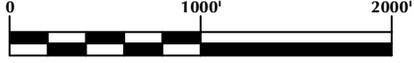
BOTTOM HOLE LOCATION
 NAD 83
 LATITUDE= 40.218034°
 LONGITUDE= -104.660239°

LATITUDE= 40°13'04.924"
 LONGITUDE= -104°39'36.859"

BOTTOM OF HOLE:
 50' FNL & 246' FEL

NOTES:

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- INDICATES CALCULATED CORNER
- ELEVATION BASED ON NAVD88 (GEOID09)
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- THE BOTTOM OF HOLE BEARS N04°37'41"E 5678' FROM THE SURFACE LOCATION.

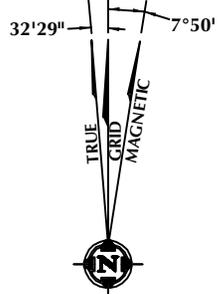


SCALE: 1" = 1000'

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Benjamin J. Reenders
 BENJAMIN J. REENDERS
 PROFESSIONAL LAND SURVEYOR
 COLORADO REGISTRATION NUMBER 183305



NOTE:
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 MAGNETIC NORTH CHANGES WEST 0°08' PER YEAR.

WELL PAD - CHEESE 16N-28HZ

CHEESE STATE 26C-21HZ
 WELL LOCATION CERTIFICATE
 429' FNL & 785' FEL NENE (SURFACE)
 LOCATED IN SECTION 28
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 T3N, R65W, 6TH P.M.
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**Kerr-McGee Oil &
 Gas Onshore L.P.**
 1099 18th Street
 Denver, Colorado 80202



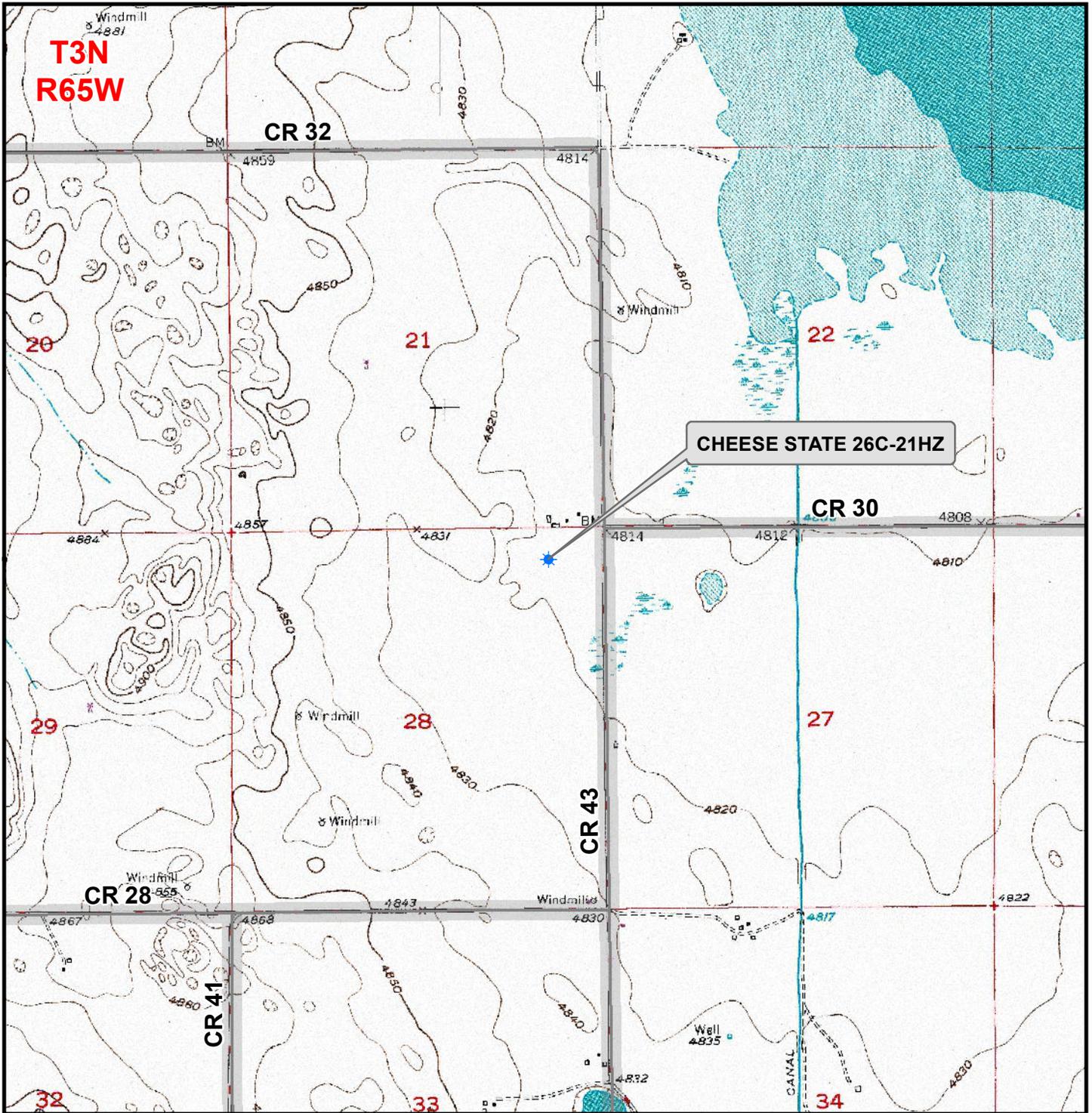
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 LOVELAND OFFICE: 1635 Foxtrail Drive, Suite 204, Loveland, Colorado 80538, Phone 970-776-4331

DRAFTED BY: LMO	CHECKED BY: BJR	SHEET NO: 1B 1B OF 1
DATE DRAFTED: 8/5/14	DATE SURVEYED: 7/23/14	
REVISED: 8/20/14	FILE NAME: 14-46	

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Legend

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

WELL PAD - CHEESE 16N-28HZ
GENERAL LOCATION MAP
CHEESE STATE 26C-21HZ
LOCATED IN SECTION 28
T3N, R65W, 6th P.M.
WELD COUNTY, COLORADO

Kerr-McGee Oil & Gas Onshore L.P.
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 Loveland, Colorado 80538
 Phone 970-776-4331



SCALE: 1" = 2,000ft

NAD83 CO-Nft

DRAWN: TL

DATE: 30 July 2014

REVISED: JELo

DATE: 20 Aug 2014