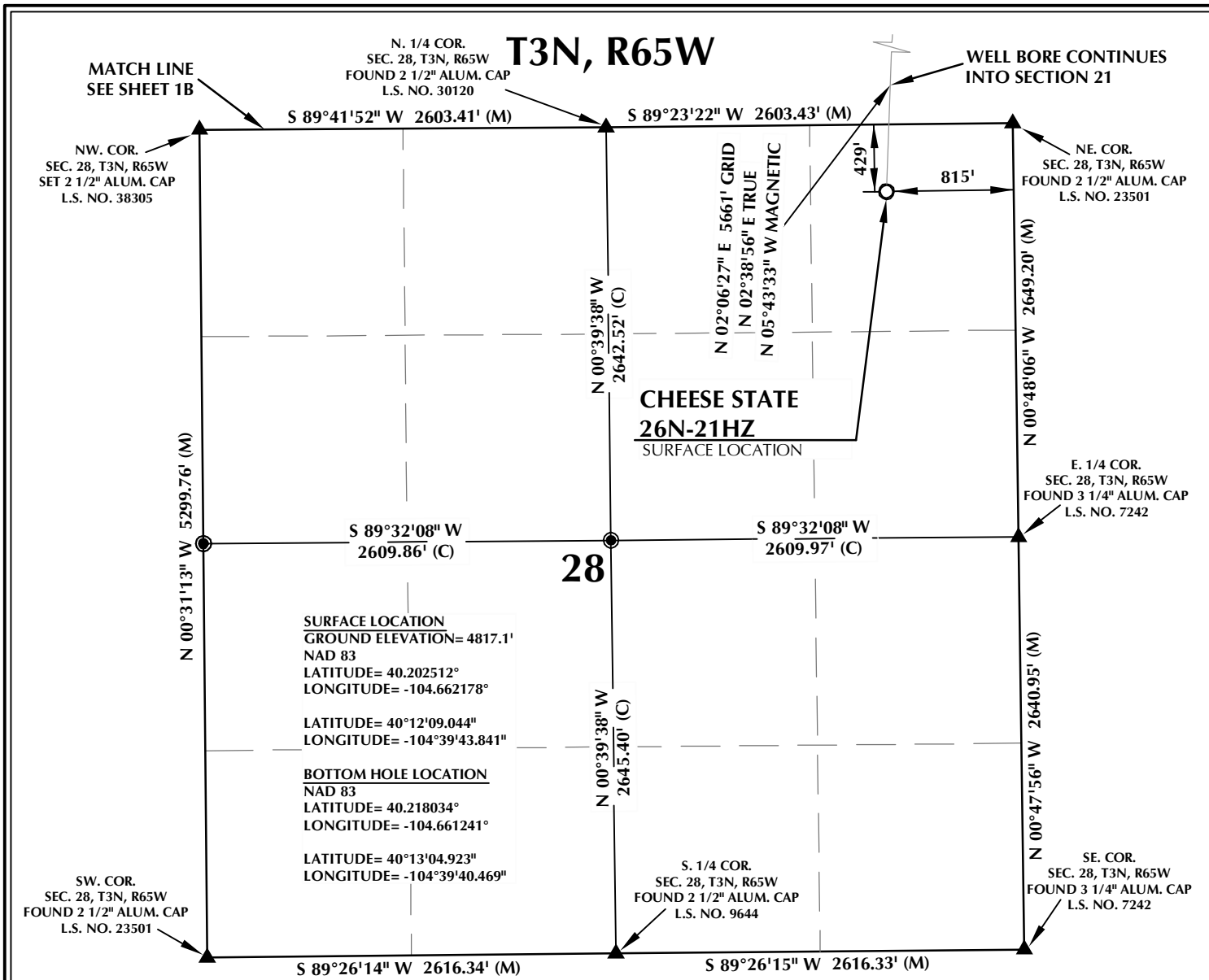


K:\LANDMARK\2014\2014.46. MOSES, WELL-STAKING, 365W\PLATS\CHIESE, 16N-28HZ\CHIESE, 16N-28HZ NORTH.IMG, 8/21/2014 8:59:07 AM, 100bpe

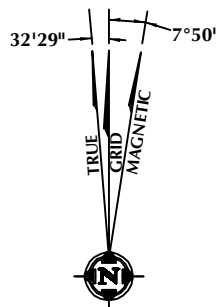


#### CERTIFICATE OF SURVEYOR:

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*  
BENJAMIN J. REENDERS  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 48365  
8/20/14

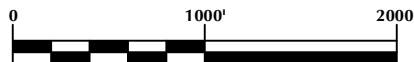
**NOTICE:**  
ACCORDING TO COLORADO STATE LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE ON THE CERTIFICATION 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 N02°06'27"E 5661' FROM THE SURFACE LOCATION.



SCALE: 1" = 1000'

#### WELL PAD - CHEESE 16N-28HZ

**CHEESE STATE 26N-21HZ**  
**WELL LOCATION CERTIFICATE**  
429' FNL & 815' FEL NENE (SURFACE)  
LOCATED IN SECTION 28  
50' FNL & 526' 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:
DATE DRAFTED:	8/5/14	DATE SURVEYED:	7/23/14	1A
REVISED:	8/20/14	FILE NAME:	14-46	1A OF 1

# T3N, R65W

NW. COR.  
SEC. 21, T3N, R65W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 32829

**SURFACE LOCATION**  
GROUND ELEVATION= 4817.1'  
NAD 83  
LATITUDE= 40.202512°  
LONGITUDE= -104.662178°

LATITUDE= 40°12'09.044"  
LONGITUDE= -104°39'43.841"

**BOTTOM HOLE LOCATION**  
NAD 83  
LATITUDE= 40.218034°  
LONGITUDE= -104.661241°

LATITUDE= 40°13'04.923"  
LONGITUDE= -104°39'04.469"

BOTTOM OF HOLE:  
50' FNL & 526' FEL

NE. COR.  
SEC. 21, T3N, R65W  
FOUND 3 1/4" BRASS CAP  
L.S. NO. 16415

E. 1/4 COR.  
SEC. 21, T3N, R65W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 10855

SE. COR.  
SEC. 21, T3N, R65W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 23501

CENTER 1/4 COR.  
SEC. 21, T3N, R65W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 9644

S. 1/4 COR.  
SEC. 21, T3N, R65W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 30120

SW. COR.  
SEC. 21, T3N, R65W  
SET 2 1/2" ALUM. CAP  
L.S. NO. 38305

MATCH LINE  
SEE SHEET 1A

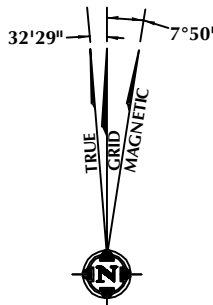
21

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*Benjamin J. Reenders*  
BENJAMIN J. REENDERS  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 4836

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NOTE:  
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10. THE BOTTOM OF HOLE BEARS N02°06'27"E 5661' FROM THE SURFACE LOCATION.



SCALE: 1" = 1000'

## WELL PAD - CHEESE 16N-28HZ

CHEESE STATE 26N-21HZ  
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## CONSULTING, LLC

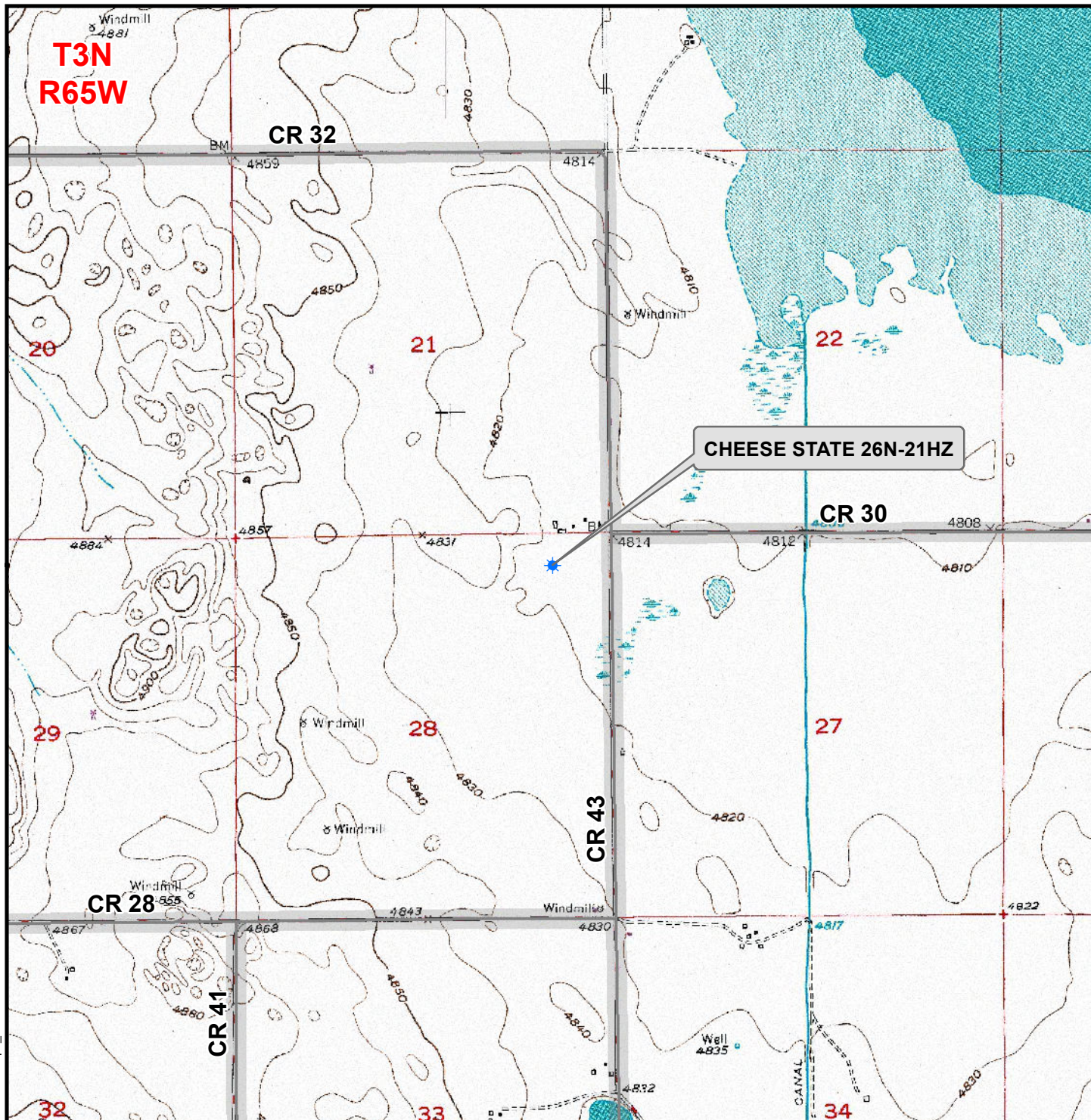
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REVISED:	8/20/14	FILE NAME:	14-46	1B OF 1



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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 26N-21HZ  
LOCATED IN SECTION 28  
T3N, R65W, 6th P.M.  
WELD COUNTY, COLORADO**

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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