

T3N, R65W

S 89°27'17" W 5137.83' (M)

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

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

SURFACE LOCATION
GROUND ELEVATION= 4847.4'
NAD 83
LATITUDE= 40.205451°
LONGITUDE= -104.673502°

BOTTOM HOLE LOCATION
NAD 83
LATITUDE= 40.189301°
LONGITUDE= -104.675891°

LATITUDE= 40°11'21.483"
LONGITUDE= -104°40'33.206"

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

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

N 00°03'59" W 5267.10' (M)

S 89°27'18" W
2586.18' (C)

S 89°27'14" W
2581.97' (M)

21

N 00°26'31" W
2633.48' (C)

N 00°26'28" W
2644.49' (M)

N 00°43'34" W 2633.46' (M)

N 00°54'23" W 2641.60' (M)

S 05°56'19" W 5921' GRID
S 06°28'22" W TRUE
S 01°53'41" E MAGNETIC

SKIM 34N-28HZ
SURFACE LOCATION

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

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

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

S 89°41'52" W 2603.41' (M)

S 89°23'22" W 2603.43' (M)

WELL BORE CONTINUES
INTO SECTION 28

MATCH LINE
SEE SHEET 1B

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 S05°56'19"W 5921' FROM THE SURFACE LOCATION.



SCALE: 1" = 1000'

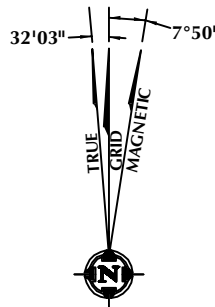
CERTIFICATE OF SURVEYOR:

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
38305

BENJAMIN J. REENDERS
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 48320
10/31/14

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.

WELL PAD - SKIM STATE 4N-21HZ

SKIM 34N-28HZ
WELL LOCATION CERTIFICATE
639' FSL & 1226' FWL SWSW (SURFACE)
LOCATED IN SECTION 21
50' FSL & 565' FWL SWSW (BOTTOM)
LOCATED IN SECTION 28
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:	8/8/14	DATE SURVEYED:	8/7/14	
REVISED:	10/31/14	FILE NAME:	14-46	

T3N, R65W

N. 1/4 COR.
SEC. 28, T3N, R65W
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L.S. NO. 30120

MATCH LINE
SEE SHEET 1A

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SEC. 28, T3N, R65W
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L.S. NO. 38305

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SEC. 28, T3N, R65W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 23501

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LONGITUDE= -104.673502°

LATITUDE= 40°12'19.623"
LONGITUDE= -104°40'24.606"

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NAD 83
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E. 1/4 COR.
SEC. 28, T3N, R65W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 7242

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SEC. 28, T3N, R65W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 23501

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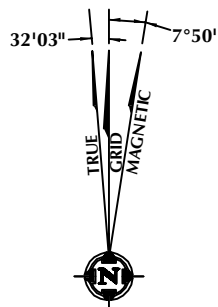
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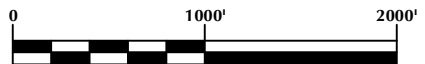
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SKIM 34N-28HZ
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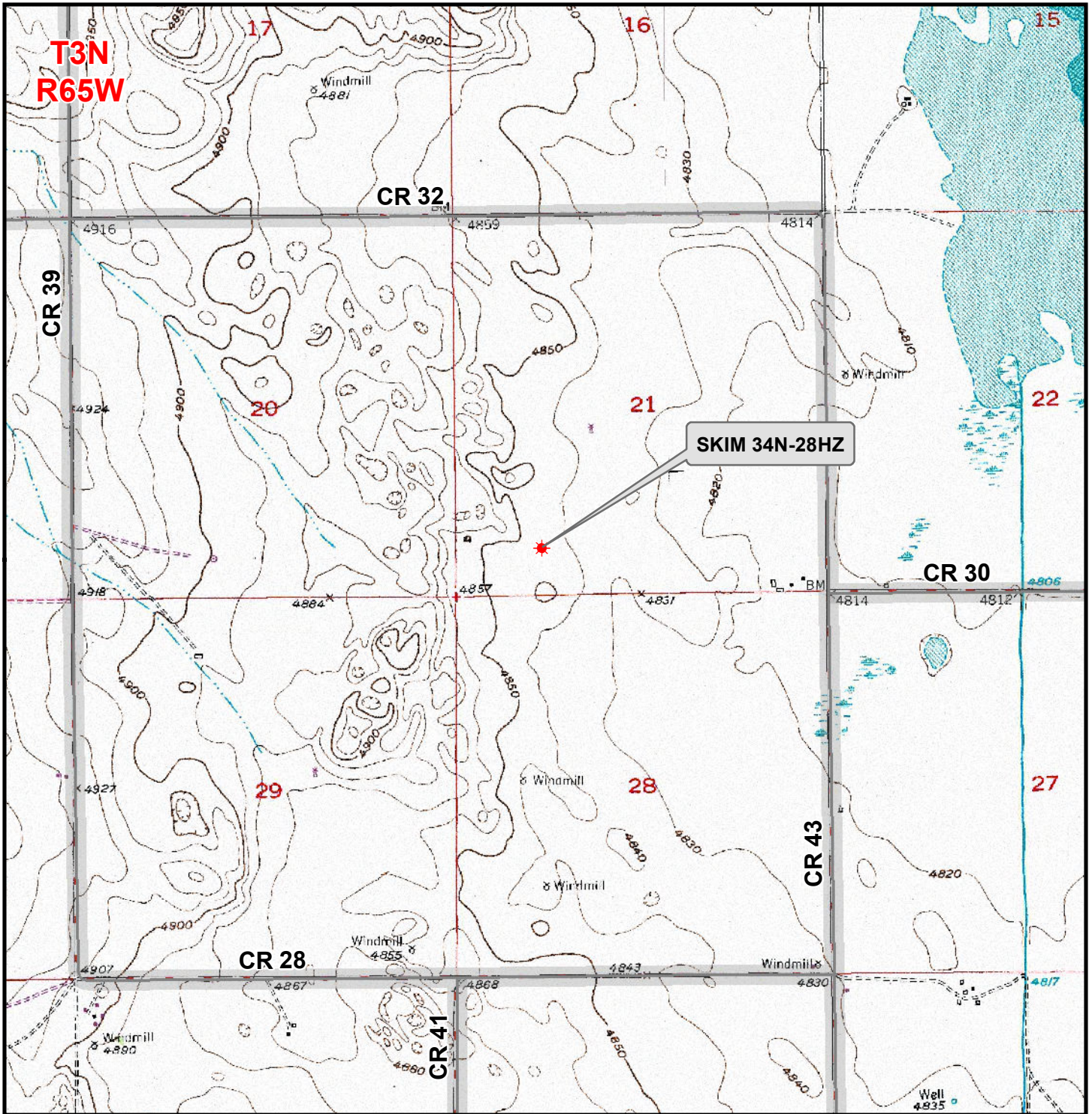
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Legend

- ★ Well - Fee - Proposed
- ==== Road - Primitive - Existing
- Road - County - Existing
- Road - Improved - Existing
- Road - Highway - Existing

WELL PAD - SKIM STATE 4N-21HZ
GENERAL LOCATION MAP
SKIM 34N-28HZ
LOCATED IN SECTION 21
T3N, R65W, 6th P.M.
WELD COUNTY, COLORADO

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SCALE: 1" = 2,000ft	NAD83 CO-Nft
DRAWN: TL	DATE: 30 July 2014
REVISED: JELo	DATE: 20 Aug 2014