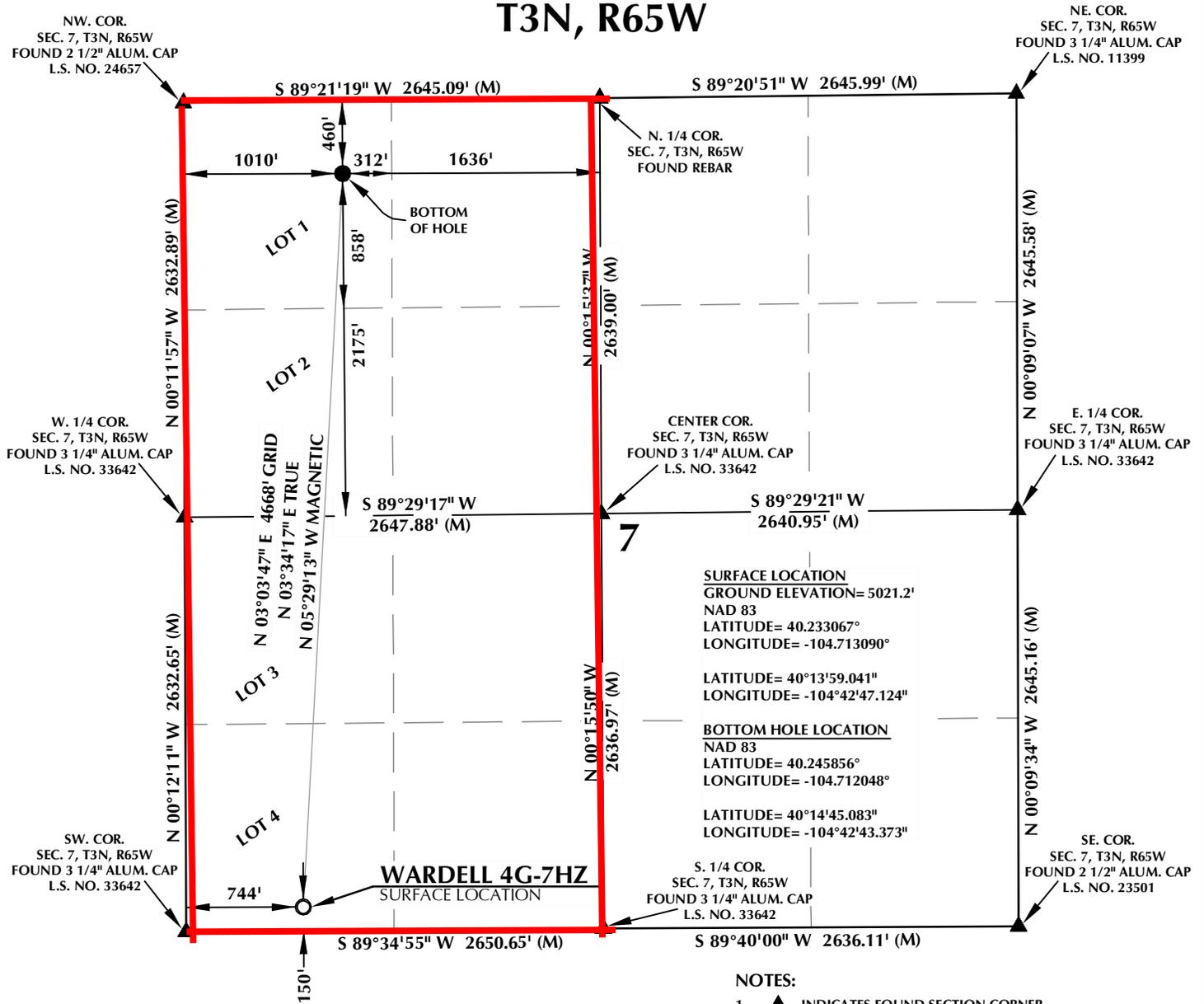


SPACING MAP

T3N, R65W



SURFACE LOCATION
 GROUND ELEVATION= 5021.2'
 NAD 83
 LATITUDE= 40.233067°
 LONGITUDE= -104.713090°

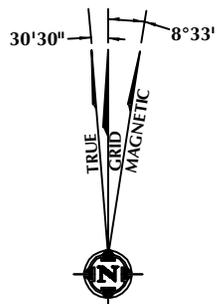
BOTTOM HOLE LOCATION
 NAD 83
 LATITUDE= 40.245856°
 LONGITUDE= -104.712048°

LATITUDE= 40°13'59.041"
 LONGITUDE= -104°42'47.124"

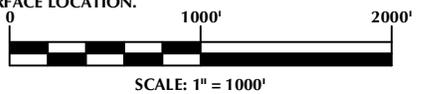
LATITUDE= 40°14'45.083"
 LONGITUDE= -104°42'43.373"

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: .99972203
- OPERATOR: ROB WILSON / PDOP = 2.0
- SURFACE USE OF LOCATION IS RANGELAND.
- SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 400' OF THE WELL PAD.
- WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
- THE BOTTOM OF HOLE BEARS N03°03'47"E 4668' FROM THE SURFACE LOCATION.



NOTE:
 MAGNETIC NORTH IS CURRENT AS OF 6/14/2013.
 MAGNETIC NORTH CHANGES WEST 0°08' PER YEAR.



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. 38-513-02 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

Benjamin J. Reenders
 BENJAMIN J. REENDERS
 PROFESSIONAL LAND SURVEYOR
 COLORADO REGISTRATION NUMBER 48320/13

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.

WELL PAD - WARDELL 4G-7HZ

WARDELL 4G-7HZ
 WELL LOCATION CERTIFICATE
 150' FSL & 744' FWL LOT 4 SWSW (SURFACE)
 460' FNL & 1010' FWL LOT 1 NWNW (BOTTOM)
 LOCATED IN SECTION 7
 T3N, R65W, 6TH P.M.
 WELD COUNTY, COLORADO

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



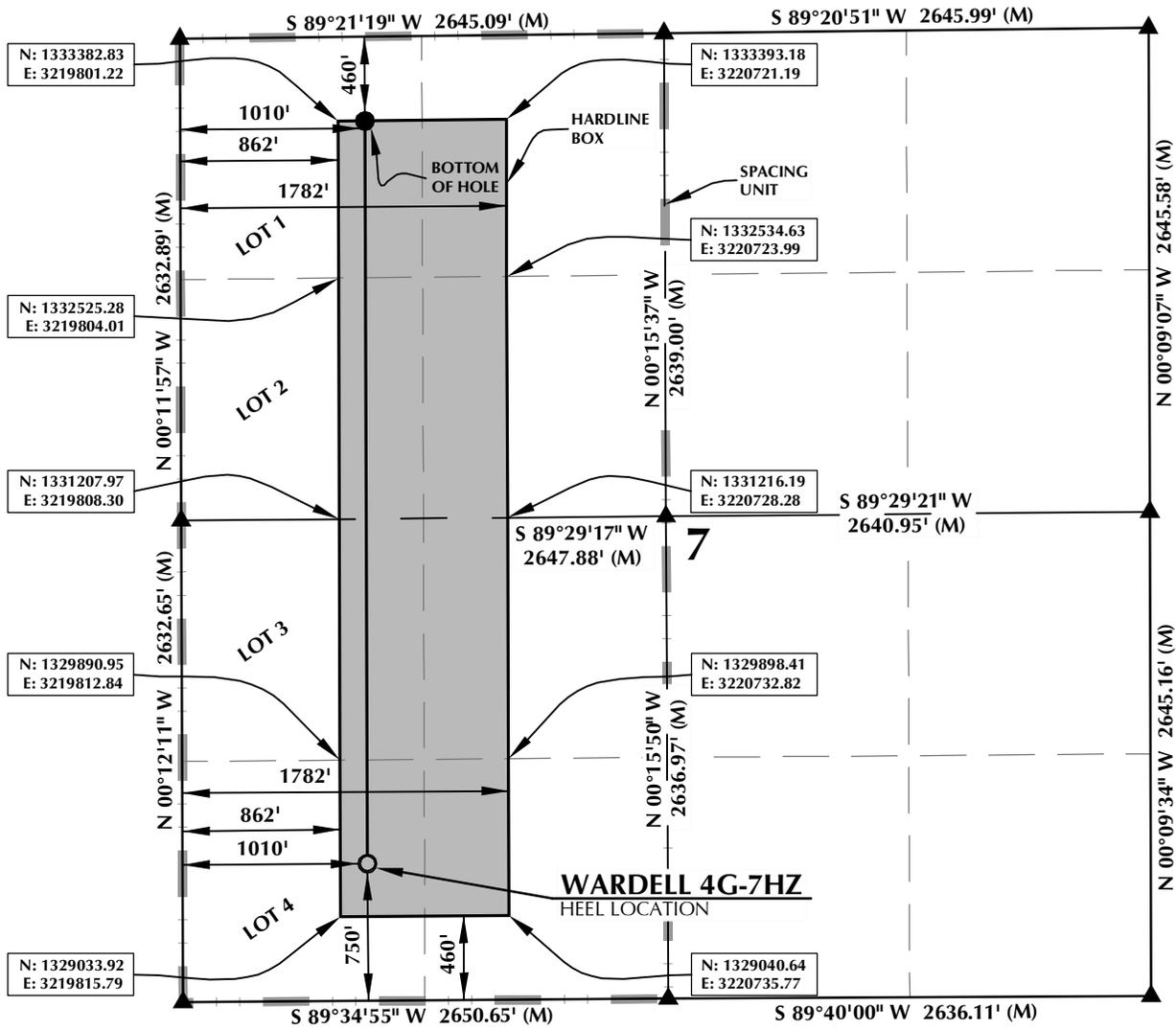
CONSULTING, LLC

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:	APF	CHECKED BY:	BJR
DATE DRAFTED:	6/14/13	DATE SURVEYED:	5/21/13
REVISED:	6/28/13	FILE NAME:	13-37

SPACING UNIT: WARDELL 4G-7HZ T3N, R65W



HEEL LOCATION
NAD 83
N: 1,329,325.01'
E: 3,219,963.05'

LATITUDE= 40.234713°
LONGITUDE= -104.712126°

LATITUDE= 40°14'04.966"
LONGITUDE= -104°42'43.655"

BOTTOM HOLE LOCATION
NAD 83
N: 1,333,384.49'
E: 3,219,948.81'

LATITUDE= 40.245856°
LONGITUDE= -104.712048°

LATITUDE= 40°14'45.083"
LONGITUDE= -104°42'43.373"



SCALE: 1" = 1000'

NOTES:

1. INDICATES FOUND SECTION CORNER
2. INDICATES CALCULATED CORNER
3. BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM 1983 NORTH ZONE UNLESS OTHERWISE NOTED.
4. DRAWING NORTHING / EASTING COORDINATES ARE BASED ON COLORADO COORDINATE SYSTEM 1983 NORTH ZONE UNLESS OTHERWISE NOTED.
5. COMBINED SCALE FACTOR: .99972203
6. THIS EXHIBIT DOES NOT REPRESENT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

WELL PAD - WARDELL 4G-7HZ

WARDELL 4G-7HZ
SPACING UNIT EXHIBIT
750' FSL & 1010' FWL LOT 4 SWSW (HEEL)
460' FNL & 1010' FWL LOT 1 NWNW (BOTTOM)
LOCATED IN SECTION 7
T3N, R65W, 6TH P.M.
WELD COUNTY, COLORADO

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



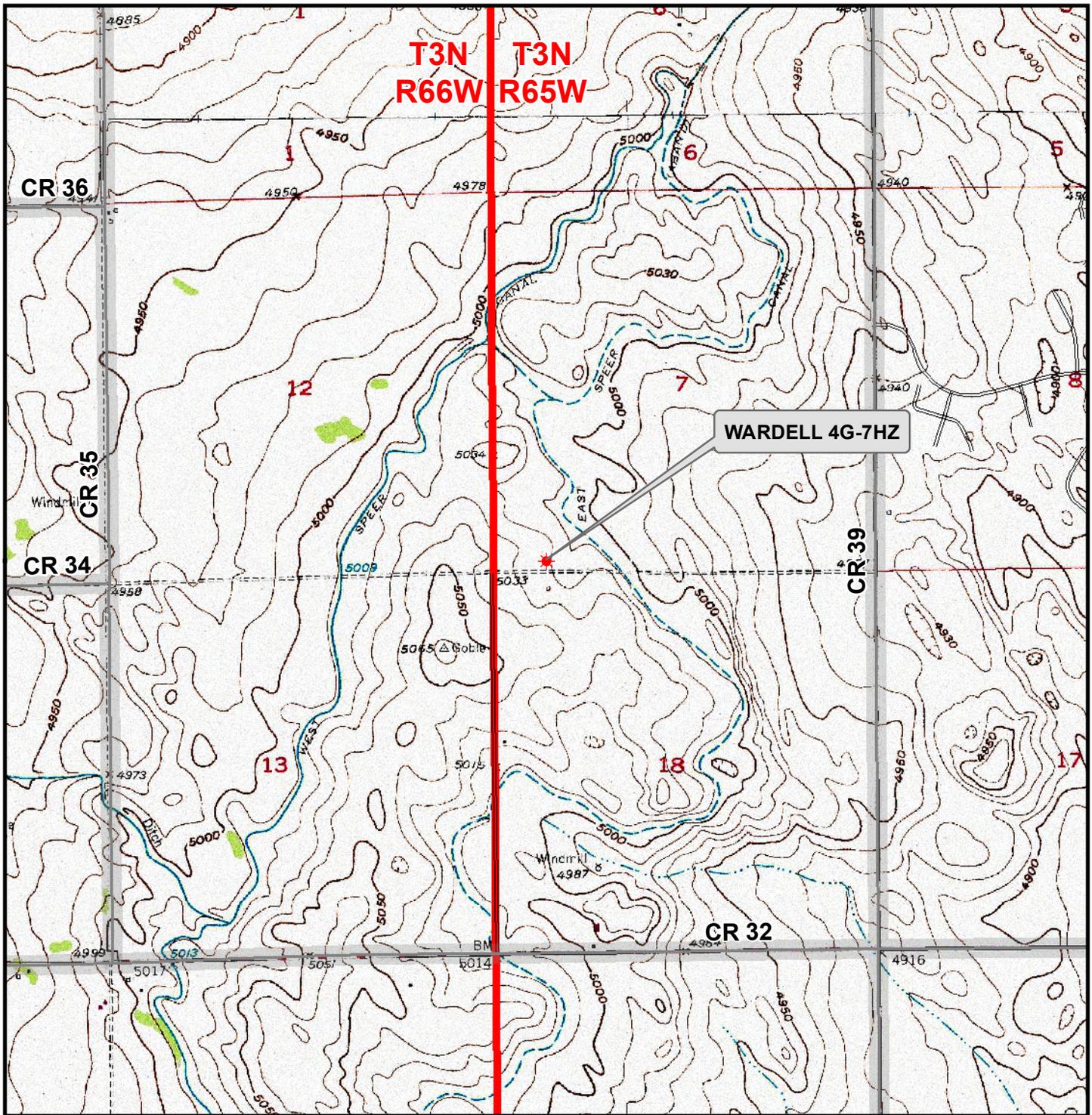
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DATE DRAFTED: 6/14/13	DATE SURVEYED: 5/21/13
REVISED: 6/28/13	FILE NAME: 13-37

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Legend

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

WELL PAD - WARDELL 4G-7HZ
GENERAL LOCATION MAP
WARDELL 4G-7HZ
LOCATED IN SECTION 7
T3N, R65W, 6th P.M.
WELD COUNTY, COLORADO

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



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 1635 Foxtail Drive, Suite 204
 Loveland, Colorado 80538
 Phone 970-776-4331



SCALE: 1" = 2,000ft

NAD83 CO-Nft

DRAWN: JELO

DATE: 14 June 2013

REVISED: JELO

DATE: 28 June 2013