

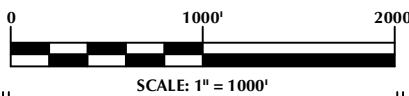
SURFACE LOCATION: NAD 83
 GROUND ELEVATION= 5052.2'
 LATITUDE= 40.117615°
 LONGITUDE= -104.722300°
 HEEL LOCATION: NAD 83
 LATITUDE= 40.116419°
 LONGITUDE= -104.722842°
 BOTTOM HOLE LOCATION: NAD 83
 LATITUDE= 40.103345°
 LONGITUDE= -104.722810°
 LONGITUDE= -104°43'22.116"

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 THAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 38-50-502 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

Randall K. French
 RANDALL K. FRENCH
 PROFESSIONAL LAND SURVEYOR
 COLORADO REGISTRATION NUMBER 38512
 9/25/17

NOTE:
 MAGNETIC NORTH IS CURRENT AS OF 9/20/2017.
 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: .99972279 CALCULATED FROM THE SE. CORNER OF SECTION 24, T2N, R66W
- OPERATOR: PRESTON KNUTSEN / PDOP = 1.3
- 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°36'36"E, 4762' FROM THE HEEL LOCATION.

WELL PAD - GRACIE 24-12HZ

GRACIE 24-14HZ
 WELL LOCATION CERTIFICATE
 385' FSL & 1804' FEL SWSE (SURFACE)
 LOCATED IN SECTION 24
 50' FNL & 1957' FEL NWNE (HEEL)
 471' FSL & 1940' FEL SWSE (BOTTOM)
 LOCATED IN SECTION 25
 T2N, R66W, 6TH P.M.
 WELD COUNTY, COLORADO

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



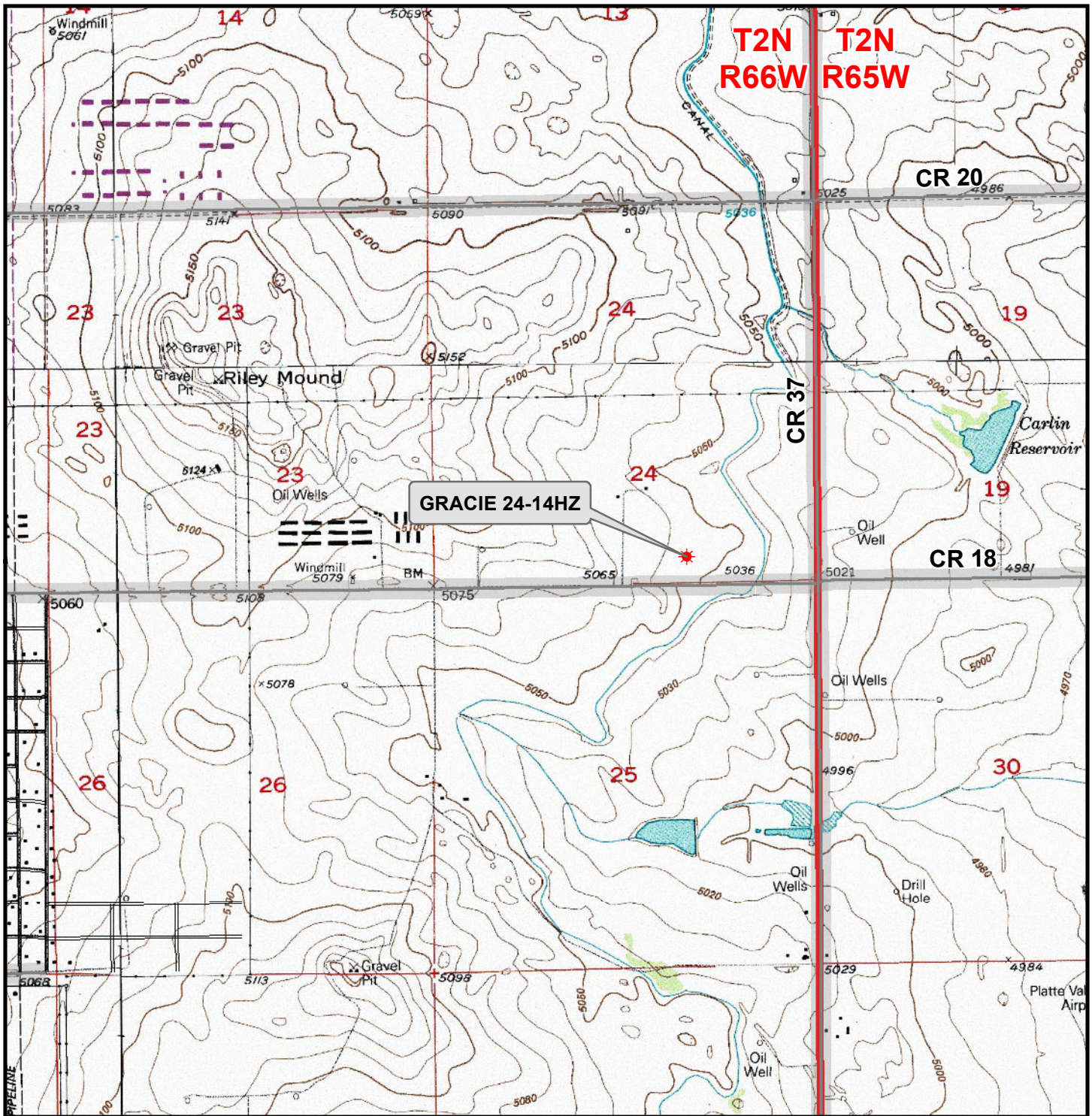
CONSULTING, LLC

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

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

DRAFTED BY:	LMO	CHECKED BY:	RKF
DATE DRAFTED:	9/25/17	DATE SURVEYED:	9/20/17
REVISED:		FILE NAME:	17-71

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Legend

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

WELL PAD - GRACIE 24-12HZ
GENERAL LOCATION MAP
GRACIE 24-14HZ
 LOCATED IN SECTION 24
 T2N, R66W, 6th P.M.
WELD COUNTY, COLORADO

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SCALE: 1" = 2,000ft	NAD83 CO-Nft
DRAWN: DP	DATE: 25 Sep 2017
REVISED:	DATE: