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Denver, CO 80290

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March 12, 2012

Colorado Oil and Gas Conservation Commission
The Chancery Building
1120 Lincoln Street, Suite # 801
Denver, Colorado 80203

Attn: Mr. Thom Kerr, Director

RE: Proposed Wellbore Spacing Unit
Great Western 27-31-8 (Surface 358' FNL and 1175' FEL) Sec. 27, (Bottom 1319' FNL and 2610' FEL) Sec. 27
Great Western 27-41-10 (Surface 237' FNL and 1076' FEL) Sec. 27, (Bottom 1321' FNL and 0' FEL) Sec. 27

Niobrara/Codell New Drills
Township 6 North, Range 67 West, 6th P.M.
Section 27:NENE
Weld County, Colorado

Mr. Kerr:

Great Western Oil and Gas Company, LLC is planning to drill the above captioned boundary wells in accordance with the provisions of COGCC Rule 318A.e.

Great Western proposed wellbore spacing units consists of:

- E/2NW/4 of Section 27 and W/2NE/4 of Section 27 for the Great Western 27-31-8
- E/2NE/4 of Section 27 and W/2NW/4 of Section 26 for the Great Western 27-41-10

No notification needed to be sent for the above wells as Great Western Oil and Gas owns the leasehold in both sections 26 & 27. Enclosed are copies of the following documents to assist you in your review and approval of Great Western's proposed APD for the captioned wells:

- Plat illustrating proposed wellbore spacing unit on existing location plats.

Great Western Oil and Gas Company, LLC respectfully requests that the COGCC review the enclosed information and approve the Application for Permit to Drill the captioned wells. Thank you for your attention to the enclosed.

Respectfully,

Janni Keidel
Permitting Technician
Great Western Oil and Gas Company, LLC
1700 Broadway, Suite #650
Denver, Colorado 80290

PROPOSED WELLBORE SPACING UNIT

SURFACE LOCATION

NAD 83

LAT = 40.46421°N

LON = 104.87459°W

P.D.O.P. = 2.2

GPS OPERATOR= C. VANMATRE

BOTTOM HOLE LOCATION

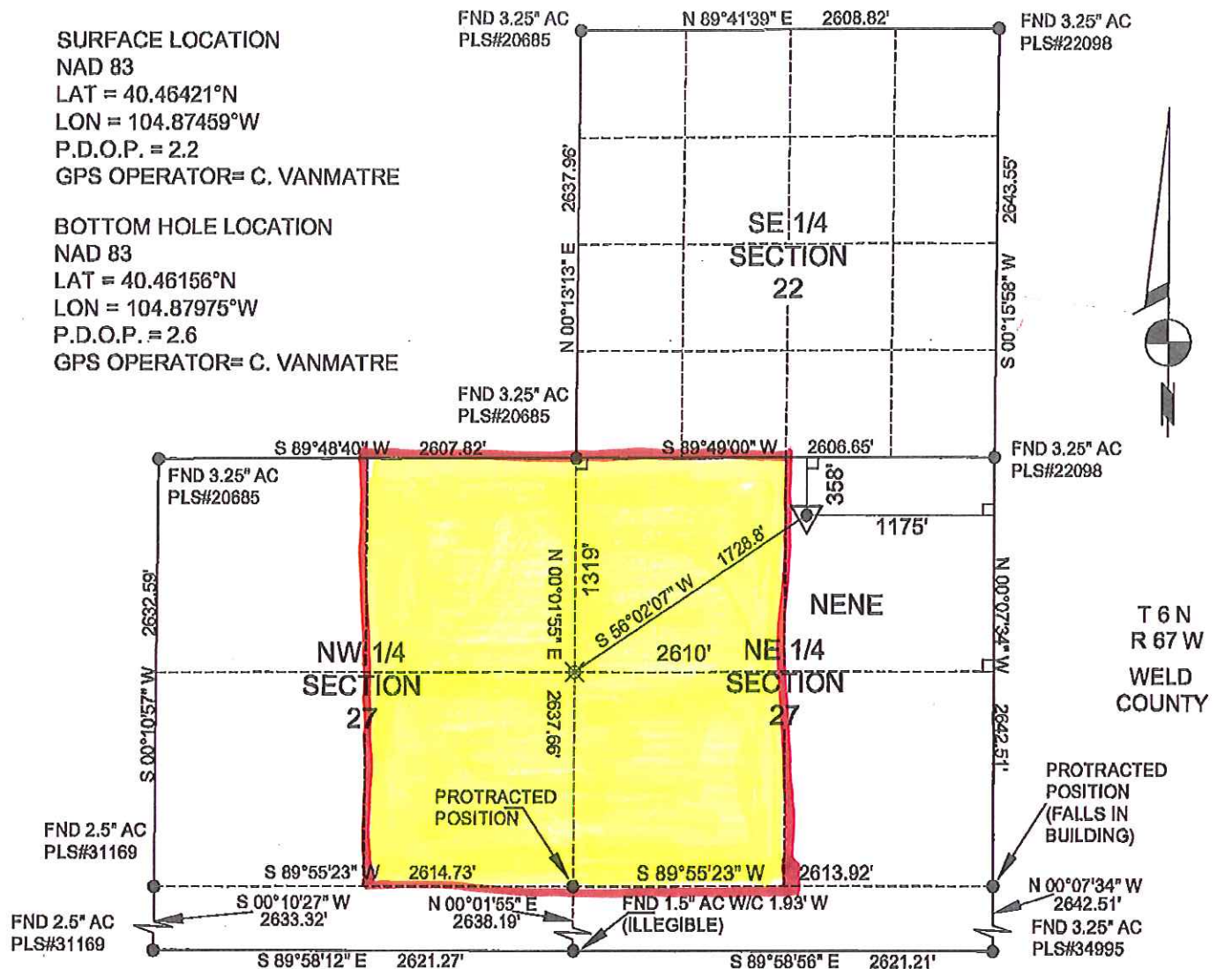
NAD 83

LAT = 40.46156°N

LON = 104.87975°W

P.D.O.P. = 2.6

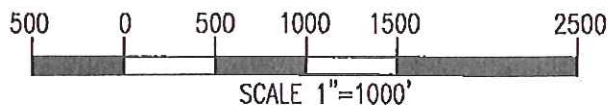
GPS OPERATOR= C. VANMATRE



WELL: GREAT WESTERN 27-31-8 TO BE LOCATED 358' FNL AND 1175' FEL IN SECTION 27, TOWNSHIP 6 NORTH, RANGE 67 WEST OF THE 6TH P.M. LOCATION FALLS IN: ALFALFA FIELD GROUND ELEVATION = 4767' IMPROVEMENTS: SEE SHEET 2 OF 2

LEGEND:

- SECTION CORNER (AS NOTED)
- △ PROPOSED WELL LOCATION
- ⊗ PROPOSED BOTTOM HOLE LOCATION



NOTES:

1. THIS SURVEY WAS DONE BY GPS METHODS AND CONFORMS TO THE MINIMUM STANDARDS AS SET BY THE C.O.G.C.C. RULE NO. 215.
2. ELEVATIONS SHOWN AT THE WELL HEAD, AS WELL AS HORIZONTAL CONTROL, ARE BASED ON GPS-RTK VALUES DERIVED FROM DOING 2-HOUR STATIC GPS SESSIONS AND REDUCTIONS USING O.P.U.S. SOLUTIONS.
3. THE BEARINGS AS SHOWN HEREON ARE BASED ON GPS OBSERVATIONS BETWEEN THE MONUMENTS SHOWN HEREON AS FOUND IN THE FIELD DATE BELOW.
4. DISTANCES SHOWN ARE AT GROUND LEVEL, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED AT A PERPENDICULAR TO SECTION LINES.

I, RICHARD B. GABRIEL, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO:
GREAT WESTERN OIL AND GAS COMPANY THAT THE SURVEY AND WELL LOCATION CERTIFICATE SHOWN HEREON WAS DONE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE DRAWING SHOWN HEREON ACCURATELY DEPICTS THE PROPOSED LOCATION OF THE WELL **GREAT WESTERN 27-31-8**.
 THIS CERTIFICATE 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.

RICHARD B. GABRIEL P.L.S. #37929
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
 FOR AND ON BEHALF OF POWER SURVEYING CO., INC.

NOTICE: ACCORDING TO COLORADO 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 ON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THIS 6th DATE OF THIS CERTIFICATION SHOWN HEREON.



POWER
 Surveying Company, Inc.
 Established 1988
 120 W. 84TH AVENUE
 THORNTON, COLORADO 80260
 PH. 303-702-1817
 FAX. 303-702-1483
 WWW.POWERSURVEYING.COM

DATE OF FIELD WORK: 8-23-11
 DATE OF COMPLETION: 9-27-11
 PROJECT NUMBER: 501-11-109



PROPOSED WELLBORE SPACING UNIT

SURFACE LOCATION

NAD 83

LAT = 40.46455°N

LON = 104.87424°W

P.D.O.P. = 2.5

GPS OPERATOR= C. VANMATRE

BOTTOM HOLE LOCATION

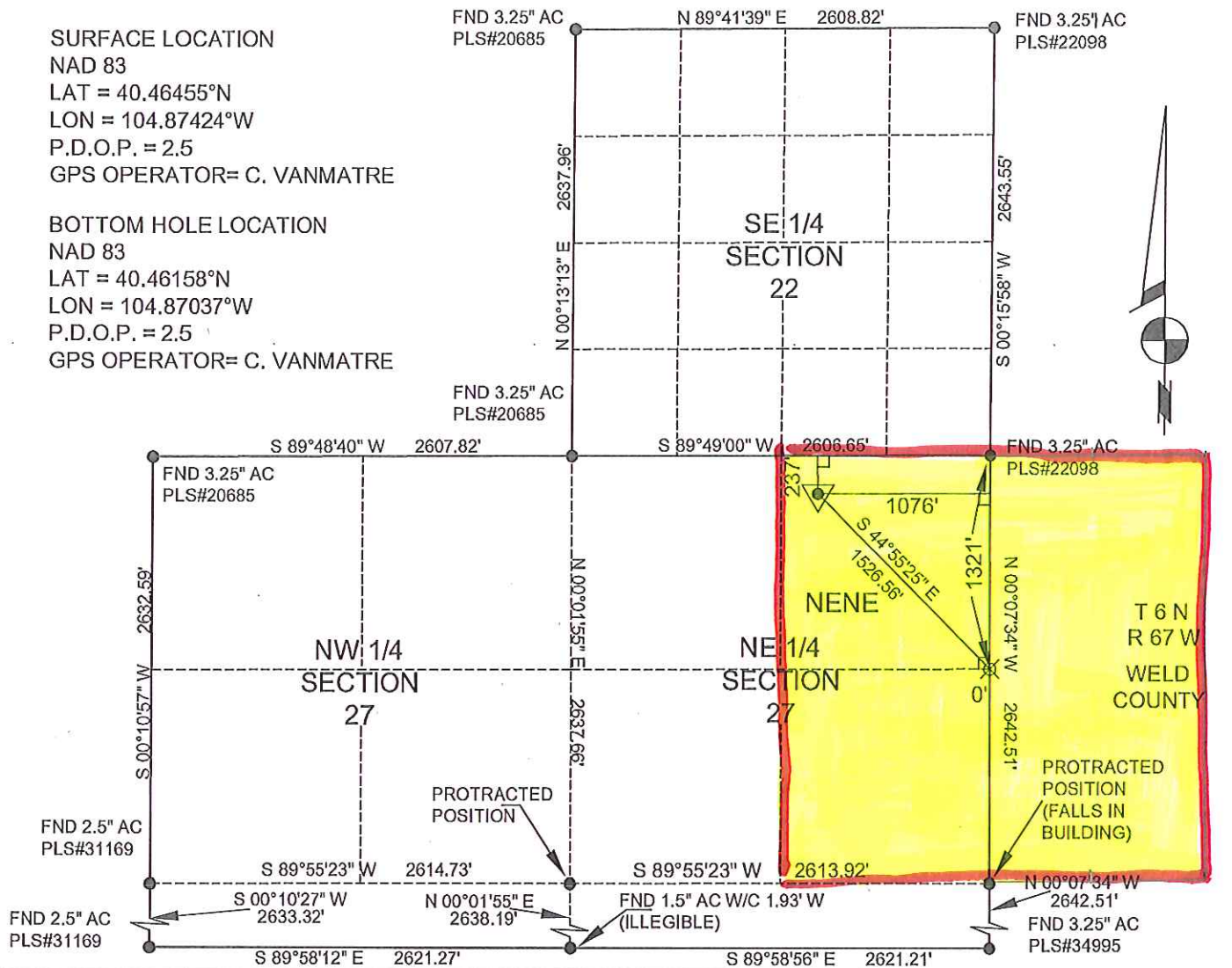
NAD 83

LAT = 40.46158°N

LON = 104.87037°W

P.D.O.P. = 2.5

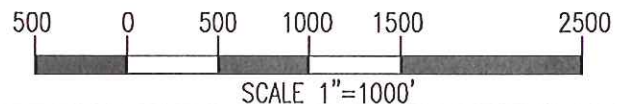
GPS OPERATOR= C. VANMATRE



WELL: GREAT WESTERN 27-41-10 TO BE LOCATED 237' FNL AND 1076' FEL IN SECTION 27, TOWNSHIP 6 NORTH, RANGE 67 WEST OF THE 6TH P.M. LOCATION FALLS IN: ALFALFA FIELD GROUND ELEVATION = 4767' IMPROVEMENTS: SEE SHEET 2 OF 2

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DATE OF FIELD WORK: 9-23-11
 DATE OF COMPLETION: 9-27-11
 PROJECT NUMBER: 501-11-169 REV1

