

Steil Surveying Services, LLC

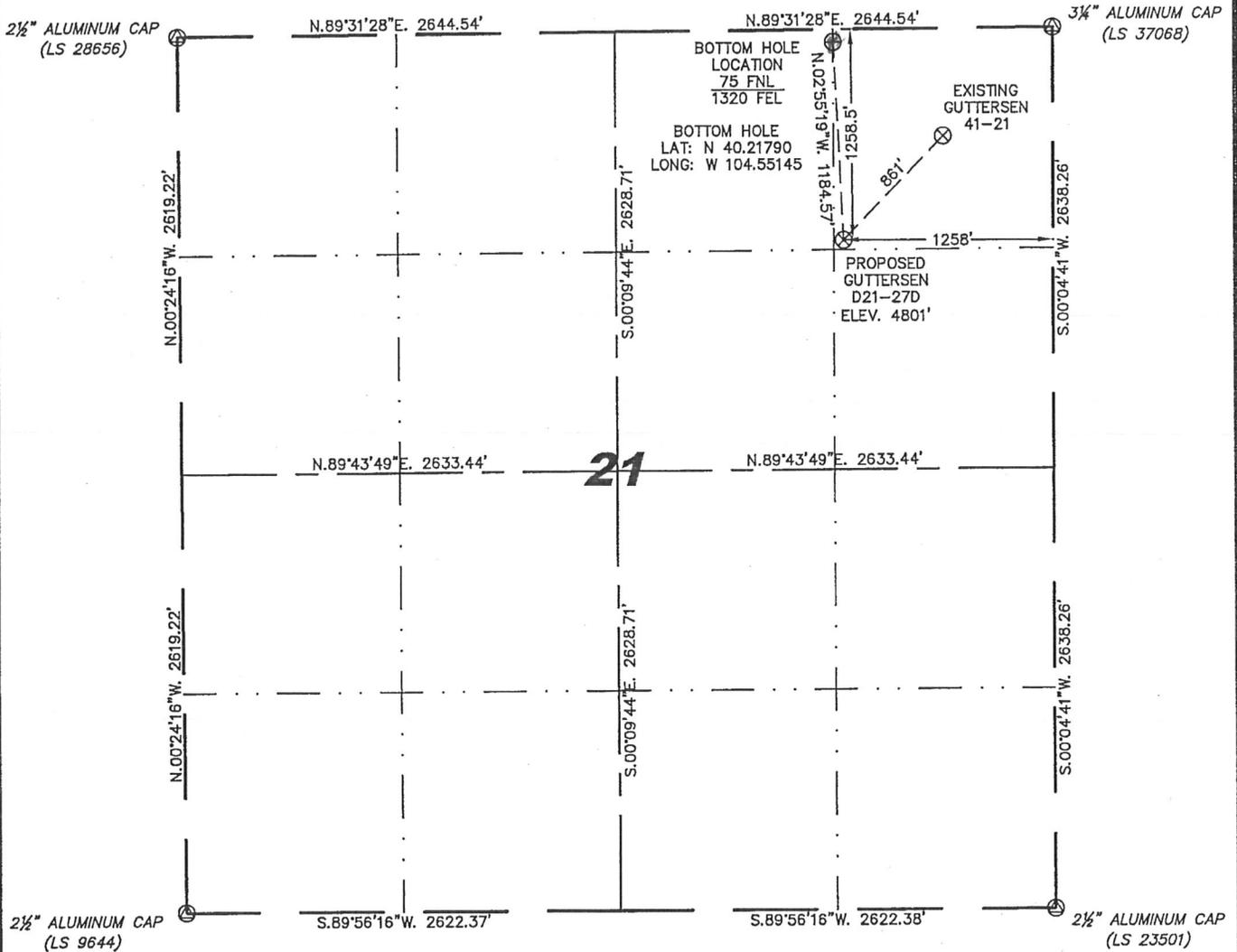
1102 West 19th Street P.O. BOX 2073

Cheyenne, Wyoming 82001

# WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION 21  
TOWNSHIP 3 NORTH  
RANGE 64 WEST



Scale: 1" = 1000'

IN ACCORDANCE WITH A REQUEST FROM BRIAN DeROSE - NOBLE ENERGY INC, STEIL SURVEYING SERVICES, LLC HAS DETERMINED THE LOCATION OF THE GUTTERSEN D21-27D WELL TO BE 1258.5' FNL, 1258' FEL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES, SECTION 21, TOWNSHIP 3 NORTH, RANGE 64 WEST, 6TH PRINCIPLE MERIDIAN, WELD COUNTY, COLORADO.

I HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME, OR UNDER MY DIRECT SUPERVISION, THAT THE FIELD WORK WAS COMPLETED ON 04/25/2011, FOR AND ON BEHALF OF NOBLE ENERGY INC, THAT IT IS NOT A LAND SURVEY PLAT OR AN IMPROVEMENT SURVEY PLAT, AND THAT IT IS NOT TO BE RELIED UPON FOR ESTABLISHMENT OF FENCE, BUILDING, OR OTHER FUTURE IMPROVEMENT LINES.

**NOTES:**

- 1) BASIS OF BEARINGS FOR THIS MAP ARE BASED UPON GPS OBSERVATIONS MADE ON 04/25/2011 BETWEEN MONUMENTS LOCATED AT THE SOUTHEAST SECTION CORNER AND THE NORTHEAST SECTION CORNER OF SAID SECTION AND WITH ALL BEARINGS SHOWN HEREON RELATIVE THERETO.
- 2) COORDINATES SHOWN ARE COLORADO STATE PLANE (NORTH ZONE) NAD 83.
- 3) ELEVATIONS ARE BASED UPON NGS OPUS SOLUTION NAVD 88 DATUM.
- 4) THE NEAREST EXISTING WELL IS: GUTTERSEN 41-21, 861' NORTHEAST
- 5) SEE LOCATION DRAWING FOR ALL IMPROVEMENTS WITHIN VISIBLE IMPROVEMENT LIMIT.
- 6) THE LOCATION FALLS IN PASTURE LAND.

LATITUDE & LONGITUDE (NAD 83 SURFACE HOLE):  
 LATITUDE: N 40.21465'  
 LONGITUDE: W 104.55128'  
 PDOP: 1.8  
 QUARTER-QUARTER: NE/4NE/4  
 NEAREST PROPERTY LINE: 1258' EAST

**LEGEND**

- (A) FOUND SURVEY MONUMENT PER MONUMENT RECORD - EXCEPTIONS NOTED.
- (C) CALCULATED DIMENSION



Completed 05/02/2011

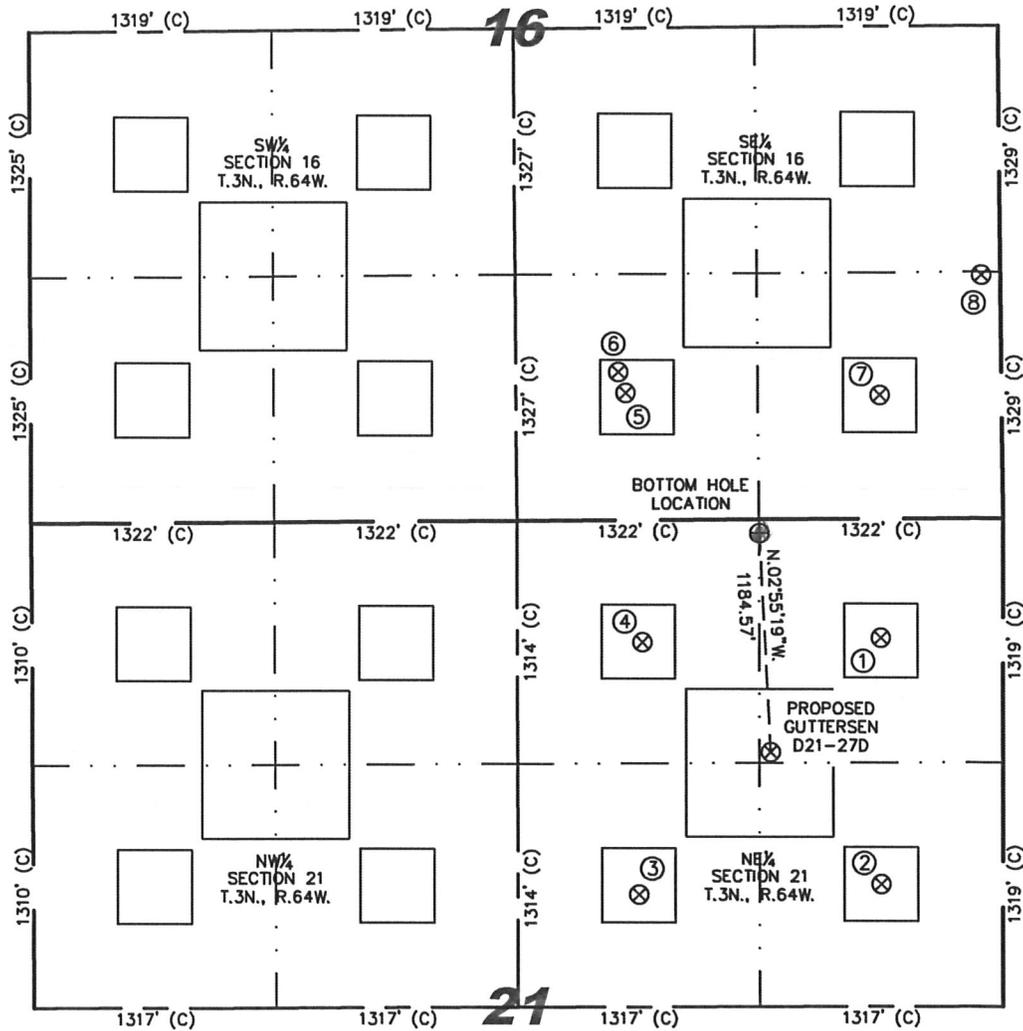
David C. Holmes  
 Professional Land Surveyor Registration No. 32828  
 State of Colorado

JOB #: 11086

NOTICE: According to Colorado law you MUST commence any legal action based upon any defect in this W.L.C. within three years after you first discover such defect. In no event may any action based upon any defect in this W.L.C. be commenced more than ten years from this said date of the certification shown hereon.

SKETCH - GUTTERSEN D21-27D

SECTION 21  
TOWNSHIP 3 NORTH  
RANGE 64 WEST



① GUTTERSEN 41-21 NE/NE SEC. 21 644' FNL 661' FEL EL 4796' N 40.21633 W 104.54911 PDOP 2.1	② GUTTERSEN 21-42 SE/NE SEC. 21 1975' FNL 657' FEL EL 4806' N 40.21268 W 104.54916 PDOP 2.5	③ GUTTERSEN 32-21 SW/NE SEC. 21 2023' FNL 1975' FEL EL 4805' N 40.21256 W 104.55388 PDOP 2.1	④ GUTTERSEN 21-31 NW/NE SEC. 21 660' FNL 1958' FEL EL 4794' N 40.21630 W 104.55376 PDOP 2.0	⑤ SPIKE STATE GWS D16-15 SW/SE SEC. 16 687' FSL 2044' FEL EL 4798' N 40.22000 W 104.55403 PDOP 3.3	⑥ GUTTERSEN STATE D16-15X SW/SE SEC. 16 800' FSL 2083' FEL EL 4797' N 40.22031 W 104.55417 PDOP 3.3	⑦ SPIKE STATE GWS D16-16 SE/SE SEC. 16 668' FSL 659' FEL EL 4786' N 40.21994 W 104.54908 PDOP 1.8	⑧ GUTTERSEN STATE D15-33 SE/SE SEC. 16 1314' FSL 102' FEL EL 4782' N 40.22170 W 104.54708 PDOP 1.7
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NOTES:

- THIS SKETCH DOES NOT REPRESENT A BOUNDARY SURVEY.
- THE DATUM FOR THE LATITUDES AND LONGITUDES ON THIS SKETCH IS NAD83.

