

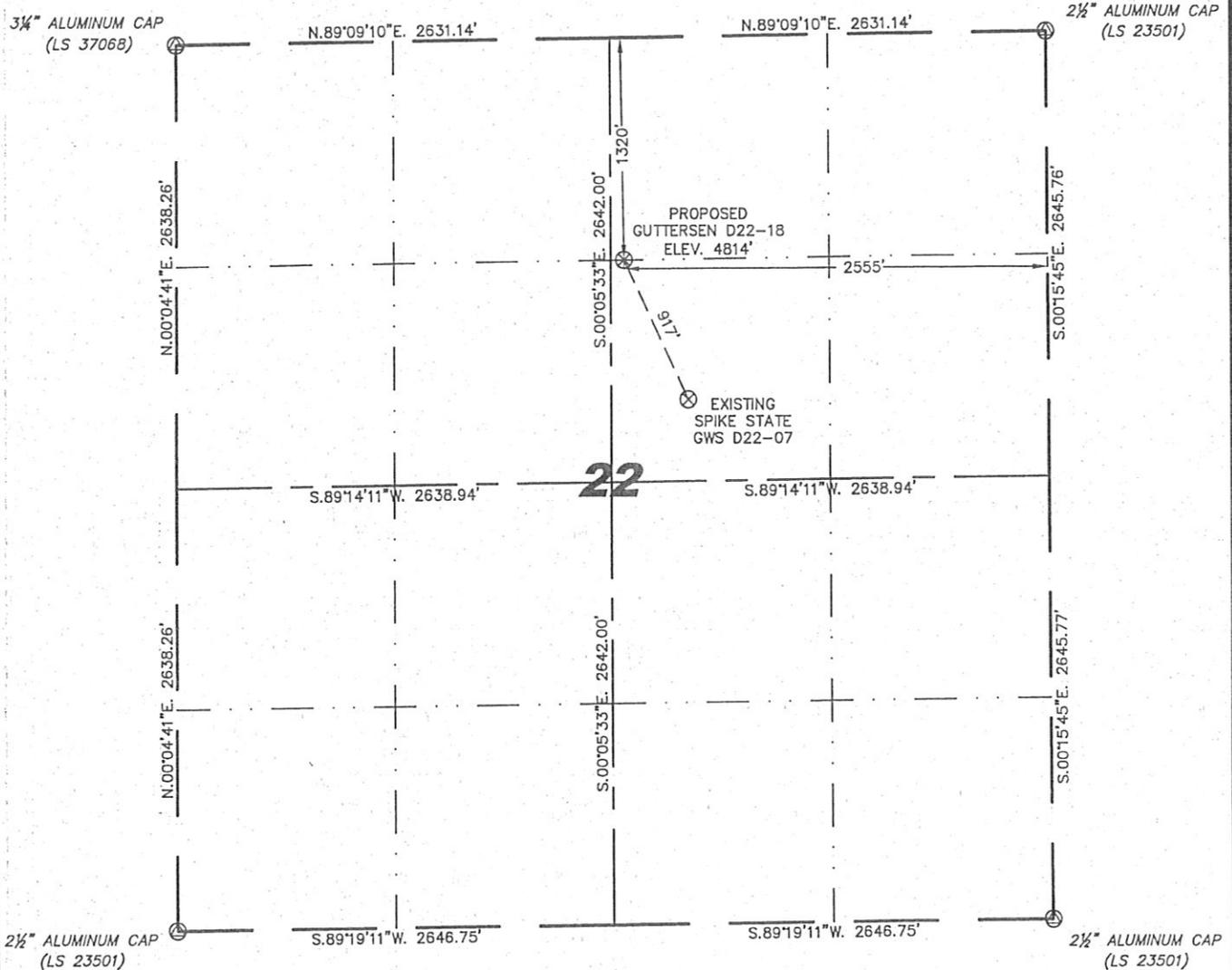
Steil Surveying Services, LLC

1102 West 19th Street P.O. BOX 2073

Cheyenne, Wyoming 82009

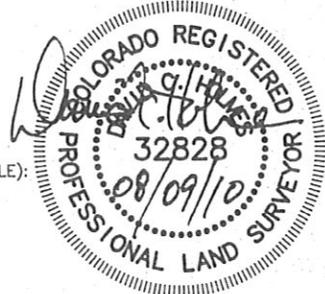
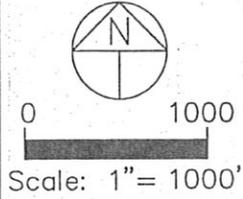
WELL LOCATION CERTIFICATE  
THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION 22  
TOWNSHIP 3 NORTH  
RANGE 64 WEST



IN ACCORDANCE WITH A REQUEST FROM JOE JOHNSON - NOBLE ENERGY INC, STEIL SURVEYING SERVICES, LLC HAS DETERMINED THE LOCATION OF THE GUTTERSEN D22-18 WELL TO BE 1320' FNL, 2555' FEL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES, SECTION 22, 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 07/27/2010, 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 07/27/2010 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) ELEVATIONS ARE BASED UPON NGS OPUS SOLUTION NAVD 88 DATUM.
- 3) THE NEAREST EXISTING WELL IS: SPIKE STATE GWS D22-07, 917' SOUTHEAST.
- 4) SEE VISIBLE IMPROVEMENTS EXHIBIT FOR ALL IMPROVEMENTS WITHIN 600'.
- 5) THE LOCATION FALLS IN PASTURE LAND.

LATITUDE & LONGITUDE (NAD 83 SURFACE HOLE):  
 LATITUDE: N 40.21450'  
 LONGITUDE: W 104.53705'  
 PDOP: 1.7  
 QUARTER-QUARTER: NW/4NE/4  
 NEAREST PROPERTY LINE: 80' TO THE WEST

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 sold date of the certification shown hereon.

LEGEND

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

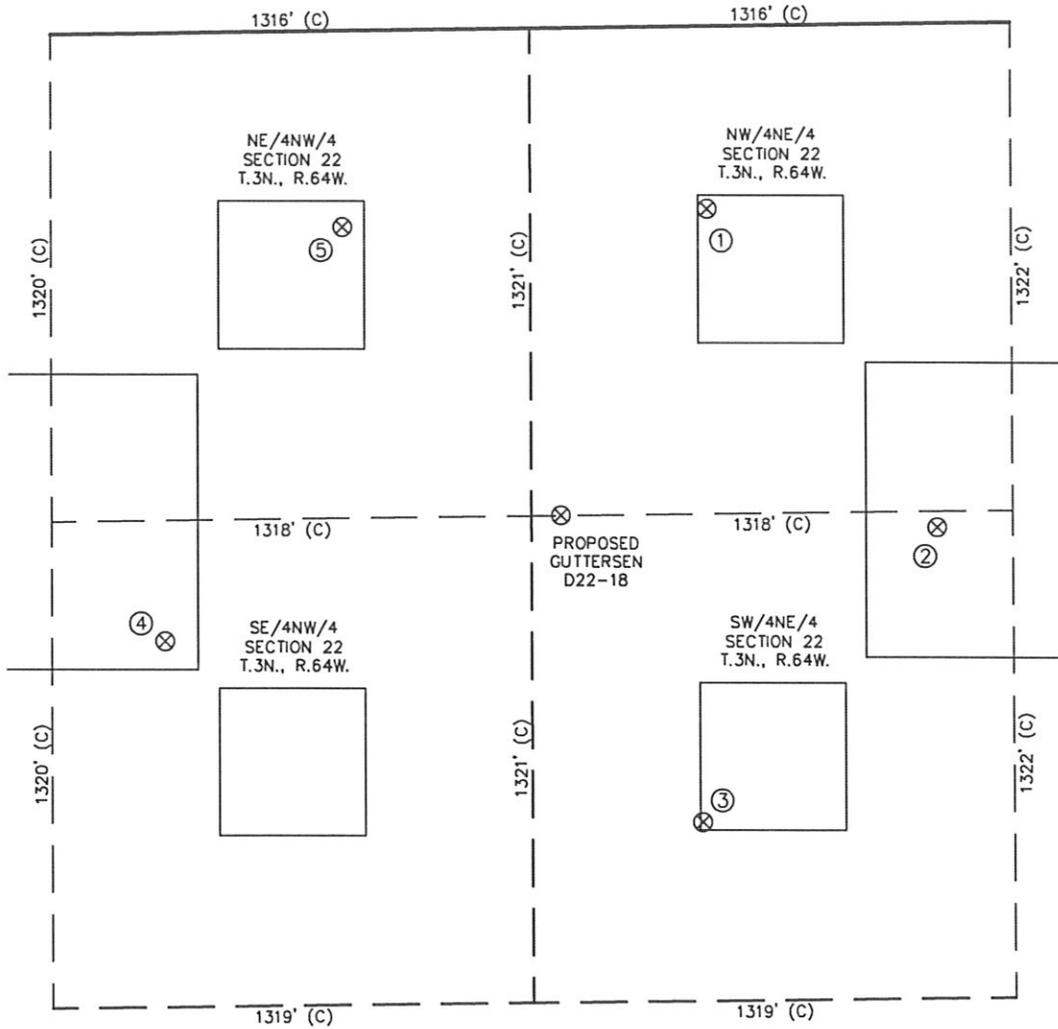
David C. Holmes  
 Professional Land Surveyor Registration No. 32828  
 State of Colorado

JOB #: 10086

Completed 08/02/2010

SKETCH – GUTTERSEN D22-18

SECTION 22  
TOWNSHIP 3 NORTH  
RANGE 64 WEST



①

SPIKE STATE  
GWS D22-02  
NW/NE SEC. 22  
495' FNL  
2148' FEL  
EL 4816'  
N 40.21677  
W 104.53558  
PDOP 2.9

②

SPIKE STATE  
GWS D22-1J  
SW/NE SEC. 22  
1366' FNL  
1522' FEL  
EL 4828'  
N 40.21439  
W 104.53336  
PDOP 2.7

③

SPIKE STATE  
GWS D22-07  
SW/NE SEC. 22  
2157' FNL  
2172' FEL  
EL 4820'  
N 40.21221  
W 104.53570  
PDOP 2.9

④

DALBEY D22-6  
SE/NW SEC. 22  
1647' FNL  
1628' FWL  
EL 4806'  
N 40.21359  
W 104.54096  
PDOP 2.2

⑤

DALBEY D22-3  
NE/NW SEC. 22  
532' FNL  
2114' FWL  
EL 4805'  
N 40.21666  
W 104.53917  
PDOP 2.5

NOTES:

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



Scale: 1" = 500'