

Steil Surveying Services, LLC

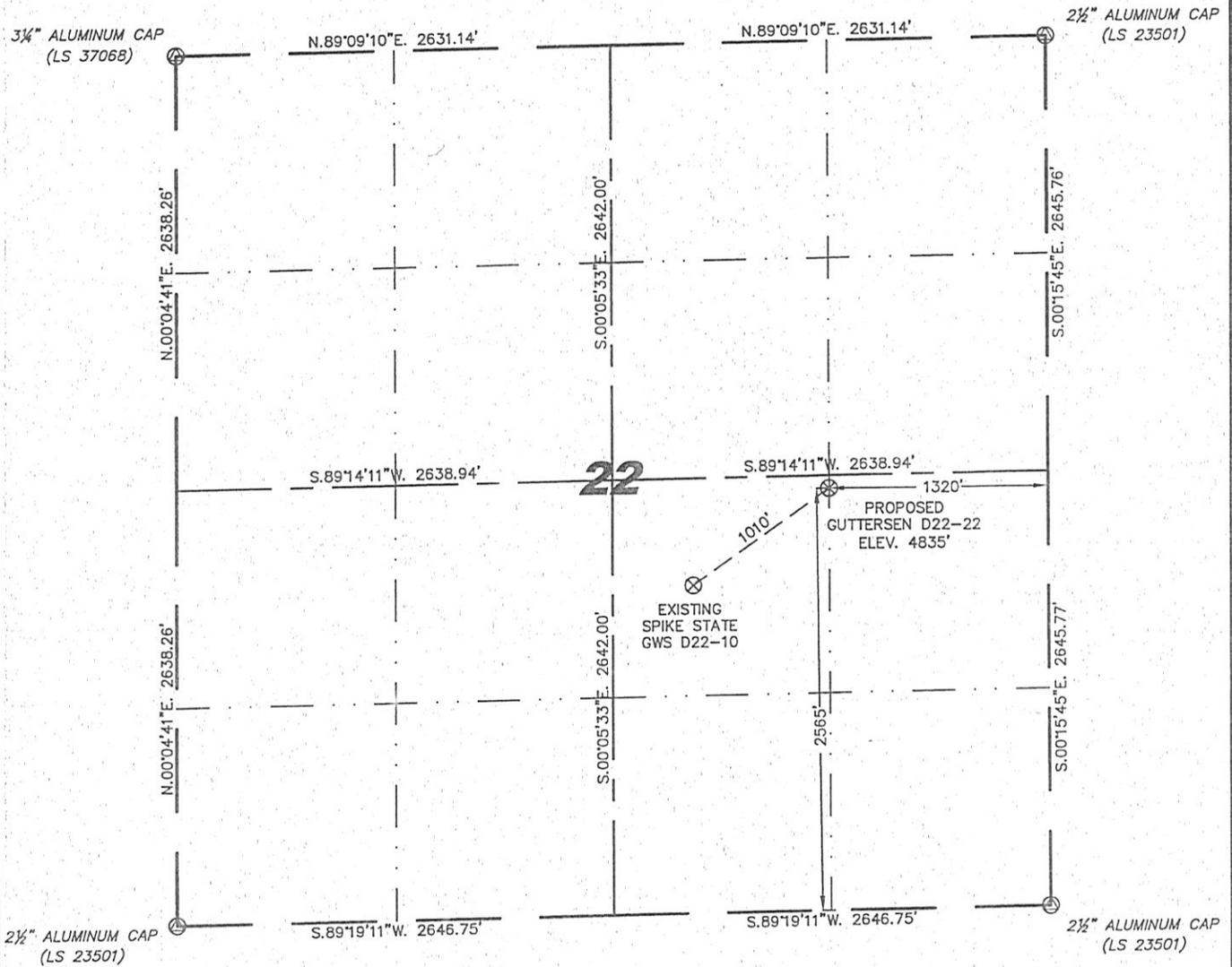
1102 West 19th Street P.O. BOX 2073

Cheyenne, Wyoming 82009

WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION 22
TOWNSHIP 3 NORTH
RANGE 64 WEST



Scale: 1" = 1000'

IN ACCORDANCE WITH A REQUEST FROM JOE JOHNSON - NOBLE ENERGY INC, STEIL SURVEYING SERVICES, LLC HAS DETERMINED THE LOCATION OF THE GUTTERSEN D22-22 WELL TO BE 2565' FSL, 1320' 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 D22-10, 1010' SOUTHWEST.
- 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 40.21067°
 LONGITUDE: W 104.53266°
 PDOP: 2.2
 QUARTER-QUARTER: NW/4SE/4
 NEAREST PROPERTY LINE: 1320' TO THE EAST

LEGEND

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



Completed 08/02/2010

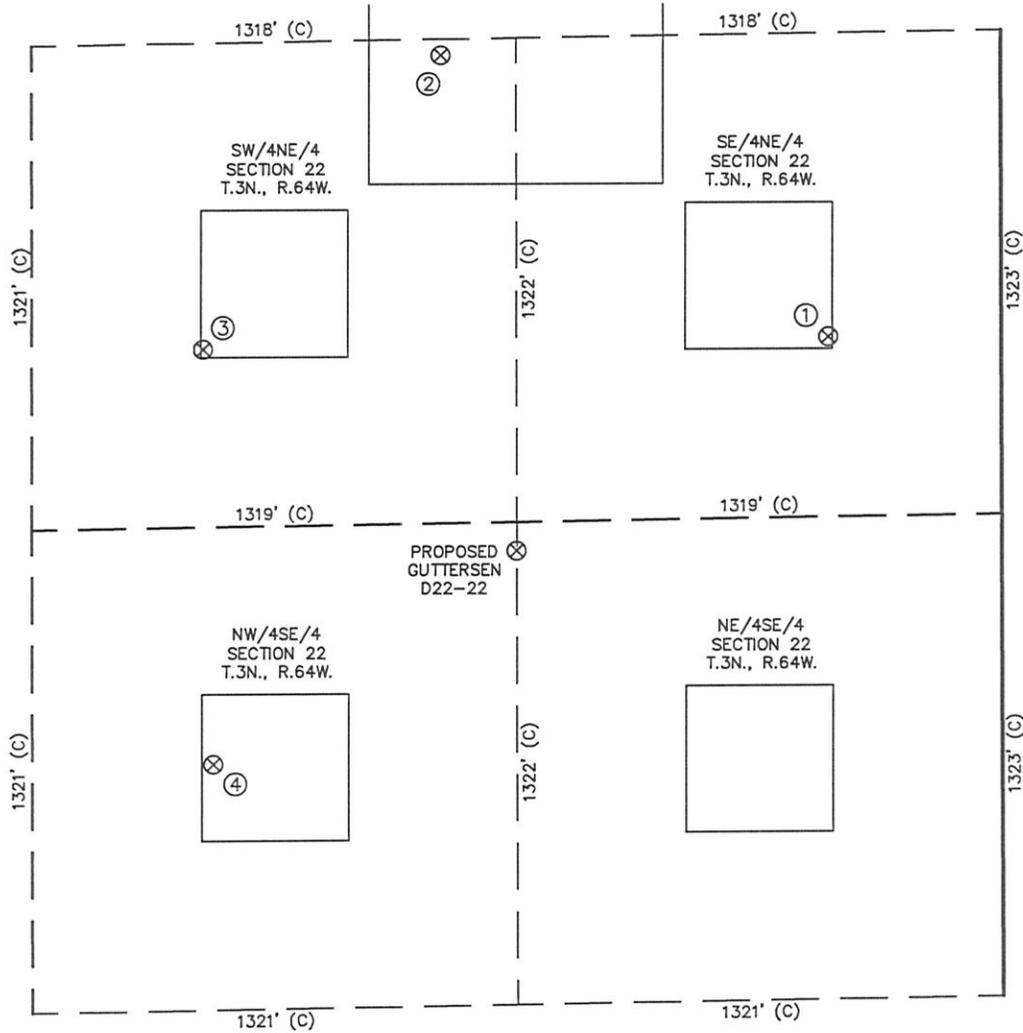
David C. Holmes
 Professional Land Surveyor Registration No. 32828
 State of Colorado

JOB #: 10086

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 herein.

SKETCH – GUTTERSEN D22-22

SECTION 22
TOWNSHIP 3 NORTH
RANGE 64 WEST



①	②	③	④
SPIKE STATE GWS D22-08 SE/NE SEC. 22 2154' FNL 470' FEL EL 4836' N 40.21224 W 104.52961 PDOP 3.4	SPIKE STATE GWS D22-1J SW/NE SEC. 22 1366' FNL 1522' FEL EL 4828' N 40.21439 W 104.53336 PDOP 2.7	SPIKE STATE GWS D22-07 SW/NE SEC. 22 2157' FNL 2172' FEL EL 4820' N 40.21221 W 104.53570 PDOP 2.9	SPIKE STATE GWS D22-10 NW/SE SEC. 22 1994' FSL 2148' FEL EL 4822' N 40.20910 W 104.53564 PDOP 2.7

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

