

Steil Surveying Services, LLC

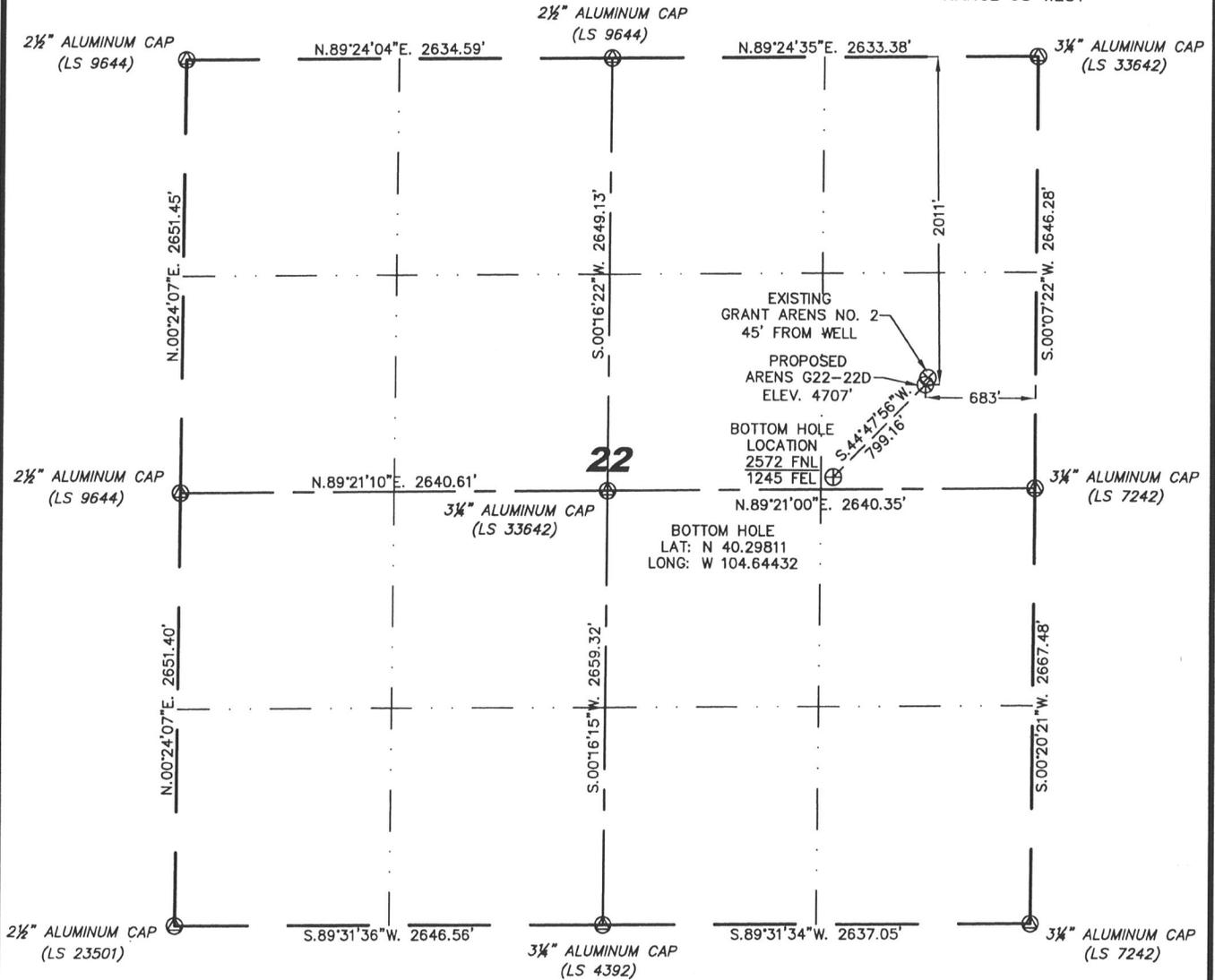
1102 West 19th Street P.O. BOX 2073

Cheyenne, Wyoming 82009

WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION 22
TOWNSHIP 4 NORTH
RANGE 65 WEST



EXISTING
GRANT ARENS NO. 2
45' FROM WELL

PROPOSED
ARENS G22-22D
ELEV. 4707'

BOTTOM HOLE
LOCATION
2572 FNL
1245 FEL

BOTTOM HOLE
LAT: N 40.29811
LONG: W 104.64432



Scale: 1" = 1000'

IN ACCORDANCE WITH A REQUEST FROM BRENT SIMANSKI - NOBLE ENERGY INC, STEIL SURVEYING SERVICES, LLC HAS DETERMINED THE LOCATION OF THE ARENS G22-22D WELL TO BE 2011' FNL, 683' FEL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES, SECTION 22, TOWNSHIP 4 NORTH, RANGE 65 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 06/08/2009, 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.



Completed 06/15/2009

NOTES:

- 1) BASIS OF BEARINGS FOR THIS MAP ARE BASED UPON GPS OBSERVATIONS MADE ON 08/20/2008 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: GRANT ARENS NO. 2, 45' NORTHEAST.
- 4) SEE VISIBLE IMPROVEMENTS EXHIBIT FOR ALL IMPROVEMENTS WITHIN 400'.
- 5) THE LOCATION FALLS IN IRRIGATED CROP LAND.

LATITUDE & LONGITUDE (NAD 83 SURFACE HOLE):
 LATITUDE: N 40.29965'
 LONGITUDE: W 104.64229'
 PDOP: 1.9
 QUARTER-QUARTER: SE/4NE/4
 NEAREST PROPERTY LINE: 636' TO THE SOUTH

LEGEND

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

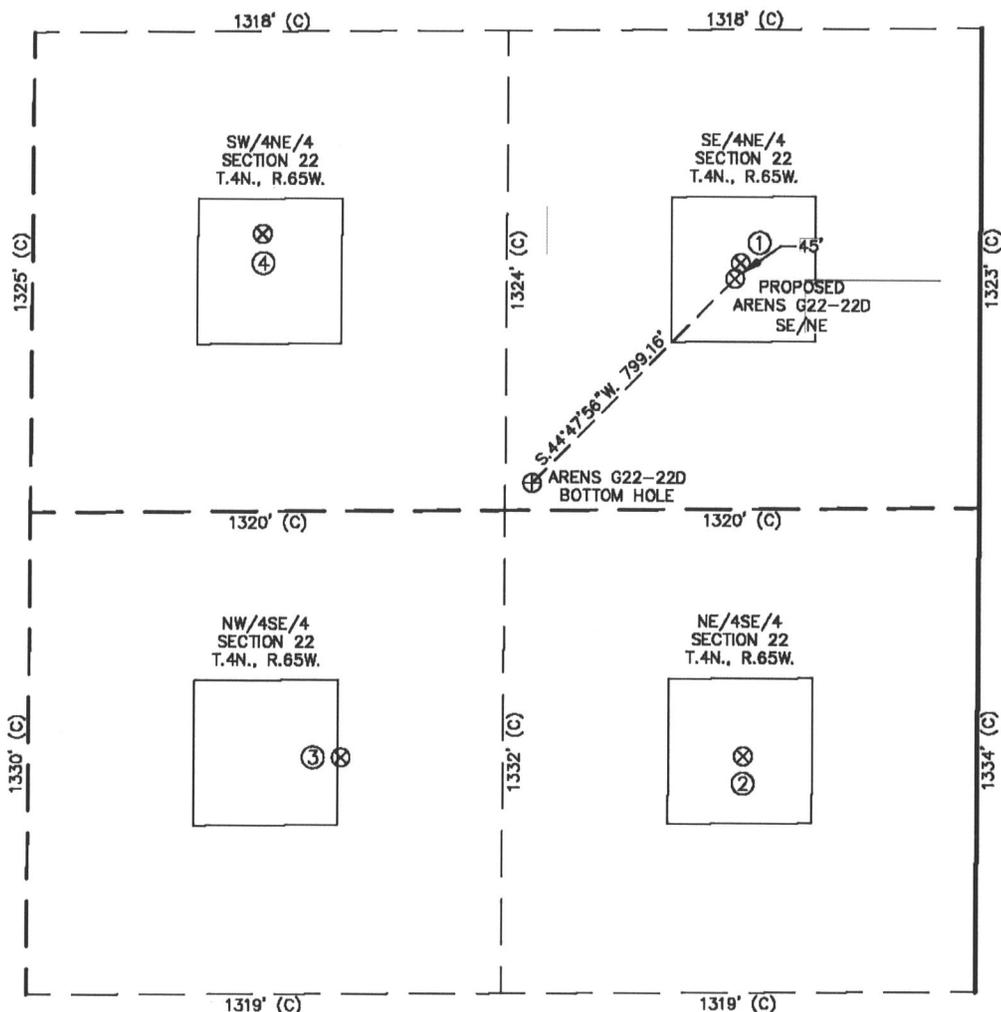
David C. Holmes
 Professional Land Surveyor Registration No. 32828
 State of Colorado

JOB #: Q8086

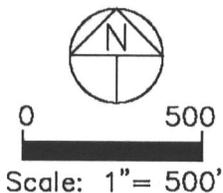
NOTICE: According to Colorado law you MUST commence any legal action based upon any defect in this W.L.C. within three years after you first discover such defect. In no event may any action based upon any defect in this W.L.C. be commenced more than ten years from this sold date of the certification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

SITE SKETCH – ARENS G22-22D

SECTION 22
TOWNSHIP 4 NORTH
RANGE 65 WEST



①	②	③	④
GRANT ARENS NO. 2 SE/NE SEC. 22 1968' FNL 667' FEL EL 4706' N 40.29977 W 104.64223 PDOP 1.8	MOSIER NO. 2 NE/SE SEC. 22 1984' FSL 652' FEL EL 4714' N 40.29604 W 104.64224 PDOP 1.9	CRAVEN 33-22 NW/SE SEC. 22 1983' FSL 1770' FEL EL 4728' N 40.29604 W 104.64625 PDOP 2.2	GRANT ARENS 22-3 SW/NE SEC. 22 1883' FNL 2000' FEL EL 4728' N 40.30000 W 104.64700 PDOP 1.7



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