

Zone: Niobrara Horizontal MD: 10886' &  
6744 TVD  
Surface: 650 ft. / 212 sks.  
8 3/4" Hole and 7" Intermediate Csg. 7116  
ft. / 700 sks.  
6 1/8" Hole  
4 1/2" Packer Plus. Hung off @ 5904  
Lateral Length: 3770'

1102 West 19th Street P.O. BOX 2073  
WELL LOCATION CERTIFICATE  
Mark Wells As Tight Hole for BOUNDARY SURVEY  
COGCC Permit

Cheyenne, Wyoming 82001

SECTION 4  
TOWNSHIP 3 NORTH  
RANGE 64 WEST

LEGEND

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

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.

LATITUDE & LONGITUDE (NAD 83)  
SURFACE HOLE:  
LATITUDE: N 40.26107°  
LONGITUDE: W 104.56433°  
PDOP: 2.7  
QUARTER-QUARTER: NW/4NW/4  
NEAREST PROPERTY LINE: 245' NORTH

BOTTOM HOLE  
LAT: N 40.26195  
LONG: W 104.54847

BOTTOM HOLE  
LOCATION  
75 FSL  
535 FEL

Csg Pt. 75' FSL & 944' FWL

IN ACCORDANCE WITH A REQUEST FROM BRIAN DAROSE - NOBLE ENERGY INC., STEEL SURVEYING SERVICES, LLC HAS DETERMINED THE LOCATION OF THE GUTTERSEN D04-69HN WELL TO BE 245' FNL, 290' FWL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES, SECTION 4, 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 11/16/2010, 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 09/15/2009 BETWEEN MONUMENTS LOCATED AT THE SOUTHEAST 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: MARIE D4-4, 549' SOUTHEAST.
- 5) SEE LOCATION DRAWING FOR ALL IMPROVEMENTS WITHIN VISIBLE IMPROVEMENTS LIMIT.
- 6) THE LOCATION FALLS IN PASTURE LAND.



0 1000  
Scale: 1" = 1000'



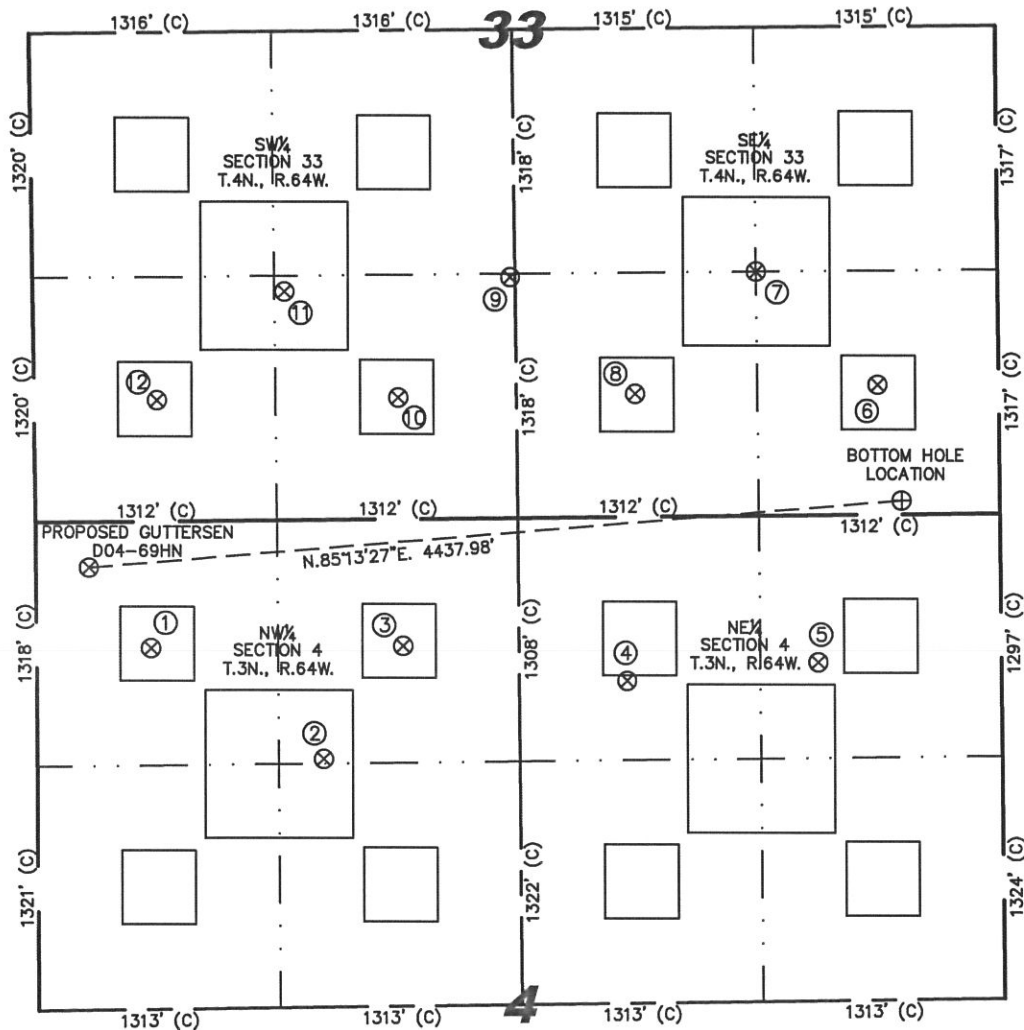
David C. Holmes  
Professional Land Surveyor Registration No. 32828  
State of Colorado

Completed 02/07/2011

JOB #10086

# SITE SKETCH - GUTTERSEN D04-69HN

SECTIONS 4  
TOWNSHIP 3 NORTH  
RANGE 64 WEST



①  
MARIE D4-4  
NW/NW SEC. 4  
T.3N., R.64W.  
683' FNL  
624' FWL  
EL 4745'  
N 40.25986  
W 104.56314  
PDOP 2.2

②  
MARIE D4-19  
NE/NW SEC. 4  
T.3N., R.64W.  
1292' FNL  
1556' FWL  
EL 4723'  
N 40.25819  
W 104.55981  
PDOP 2.2

③  
MARIE D4-3  
NE/NW SEC. 4  
T.3N., R.64W.  
685' FNL  
1992' FWL  
EL 4720'  
N 40.25986  
W 104.55824  
PDOP 2.7

④  
KARCH BLUE  
D4-02  
NW/NE SEC. 4  
T.3N., R.64W.  
885' FNL  
2039' FEL  
EL 4711'  
N 40.25932  
W 104.55387  
PDOP 2.1

⑤  
TWO E RANCH  
1-4  
NE/NE SEC. 4  
T.3N., R.64W.  
795' FNL  
997' FEL  
EL 4708'  
N 40.25956  
W 104.55014  
PDOP 2.1

⑥  
LINDSAY C33-16  
SE/SE SEC. 33  
T.4N., R.64W.  
701' FSL  
659' FEL  
EL 4706'  
N 40.26367  
W 104.54890  
PDOP 2.8

⑦  
LINDSAY  
C33-23  
SE/SE SEC. 33  
T.4N., R.64W.  
1317' FSL  
1314' FEL  
EL 4705'  
N 40.26536  
W 104.55124  
PDOP 2.4

⑧  
LINDSAY 33-1  
SW/SE SEC. 33  
T.4N., R.64W.  
665' FSL  
1980' FEL  
EL 4720'  
N 40.26357  
W 104.55364  
PDOP 2.5

⑨  
LINDSAY  
C33-24  
SE/SW SEC. 33  
T.4N., R.64W.  
1300' FSL  
2600' FWL  
EL 4716'  
N 40.26531  
W 104.55605  
PDOP 2.4

⑩  
LINDSAY C33-2  
SE/SW SEC. 33  
T.4N., R.64W.  
657' FSL  
1980' FWL  
EL 4719'  
N 40.26354  
W 104.55827  
PDOP 2.8

⑪  
LINDSAY  
C33-25  
SE/SW SEC. 33  
T.4N., R.64W.  
1234' FSL  
1369' FWL  
EL 4726'  
N 40.26513  
W 104.56046  
PDOP 2.5

⑫  
LINDSAY  
C33-13  
SW/SW SEC. 33  
T.4N., R.64W.  
655' FSL  
670' FWL  
EL 4735'  
N 40.26354  
W 104.56297  
PDOP 2.4

## NOTES:

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



0 500  
Scale: 1" = 500'



Steil Surveying Services, LLC

1102 West 19th Street P.O. BOX 2073

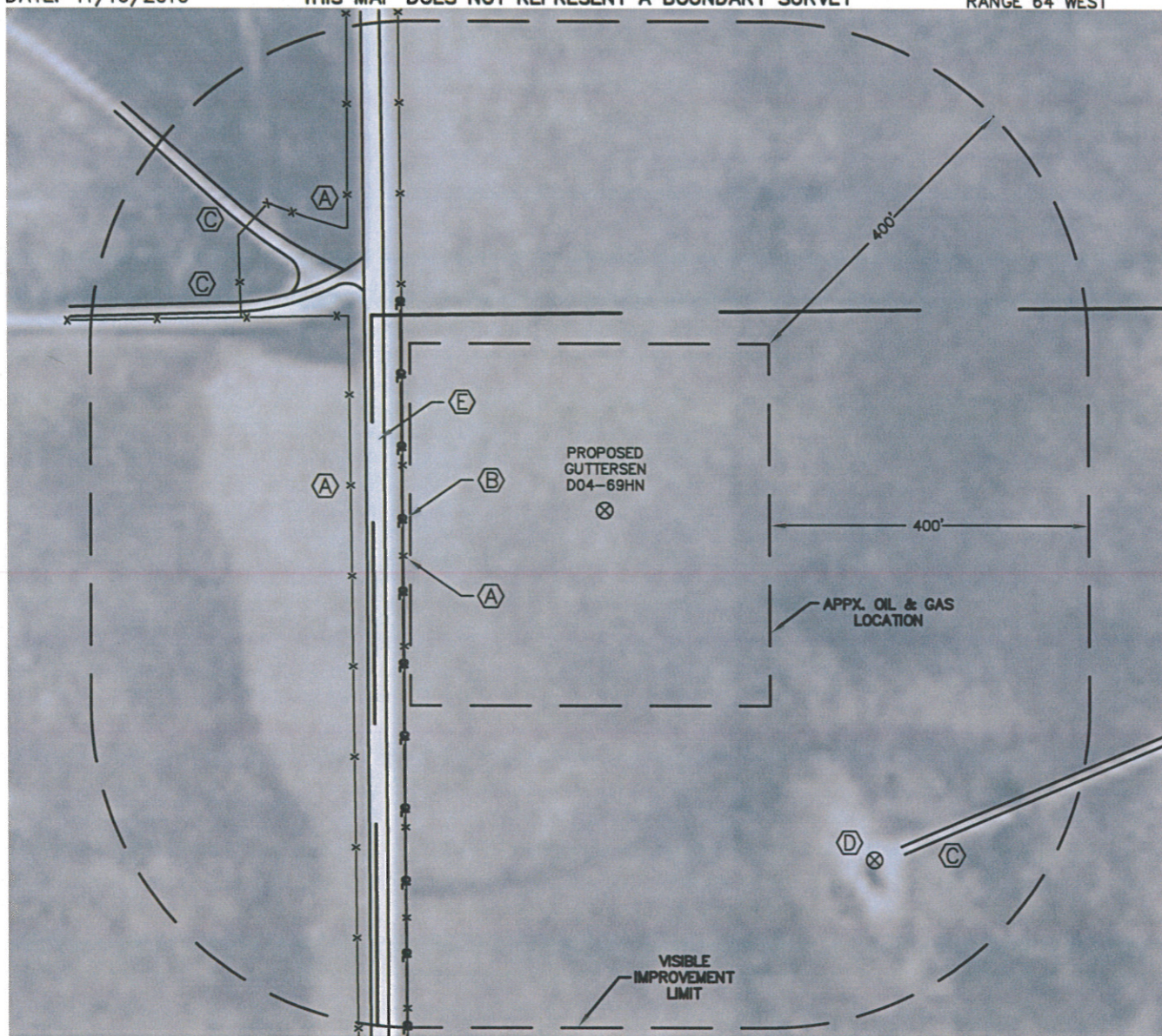
Cheyenne, Wyoming 82009

LOCATION DRAWING

SECTION 4  
TOWNSHIP 3 NORTH  
RANGE 64 WEST

DATE: 11/16/2010

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY



IMPROVEMENTS:

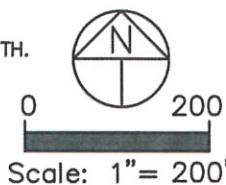
- (A) FENCE LINES - 252' & 318' WEST AND 476' NORTHWEST
- (B) BURIED GAS LINE - 253' WEST
- (C) DIRT ROADS - 424' & 570'+/- NORTHWEST AND 558' SOUTHEAST
- (D) EXISTING MARIE D4-4 WELL - 549' SOUTHEAST
- (E) GRAVEL COUNTY ROAD NO. 53 - 275' WEST

THE NEAREST OVERHEAD POWER LINE IS 1700'+/- NORTH.

NEW WELL DATA

ELEV = 4747', PDOP: 2.7  
NW $\frac{1}{4}$ NW $\frac{1}{4}$  SEC 4  
245' FNL, 290' FWL  
LAT: N 40.26107  
LONG: W 104.56433  
NEAREST PROP LINE: 245' NORTH  
NEAREST ACTIVE RAILROAD: MORE THAN  
ONE MILE AWAY  
NEAREST BUILDING: 1700'+/- NORTH  
COUNTY ROAD NO. 53: 275' 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.



NOTE: The orientation of the oil & gas location as shown was determined by Noble Energy.



Stell Surveying Services, LLC

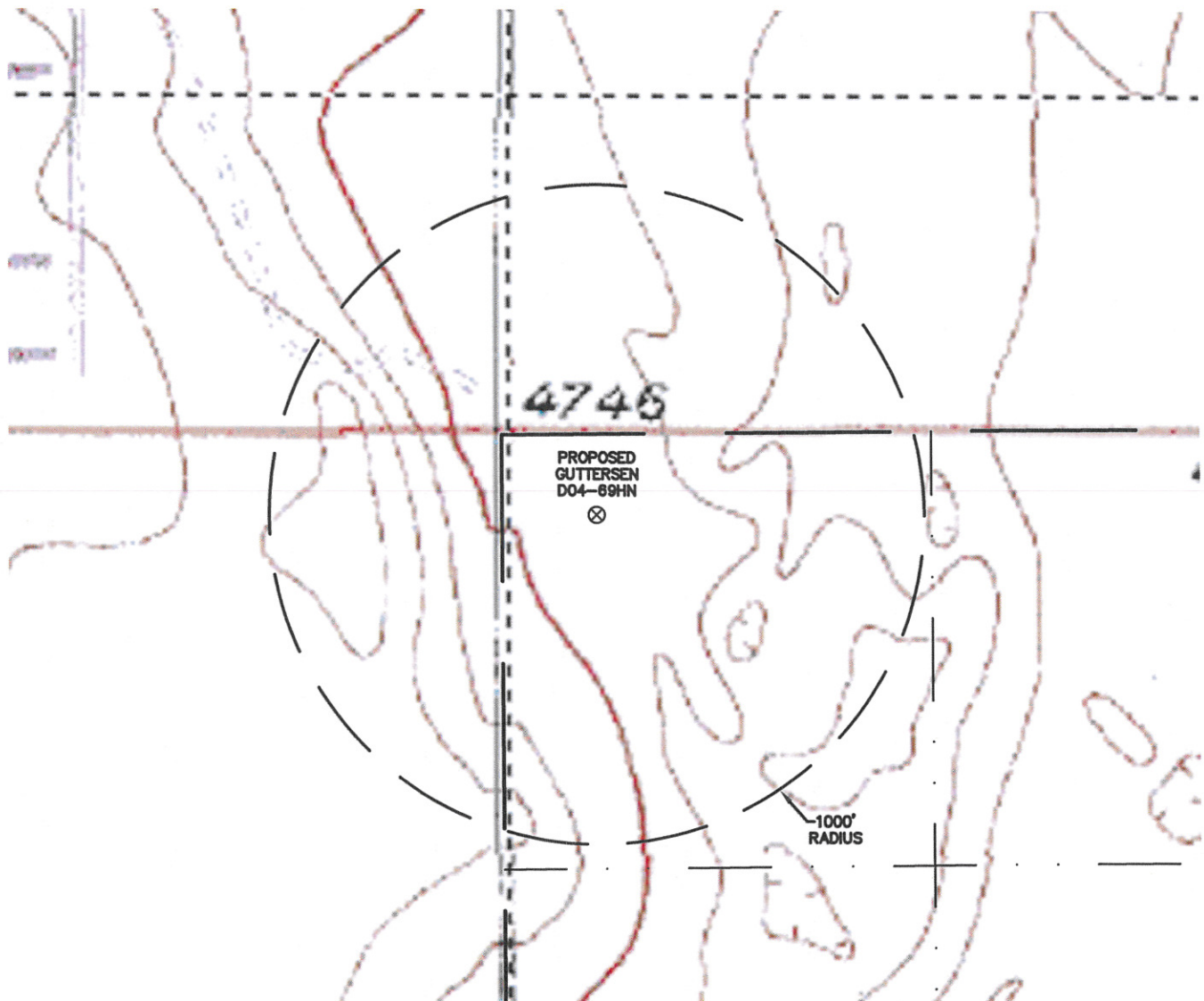
1102 West 19th Street P.O. BOX 2073

Cheyenne, Wyoming 82009

# HYDROLOGY MAP

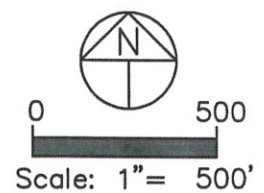
THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION 4  
TOWNSHIP 3 NORTH  
RANGE 64 WEST



THERE IS NO VISIBLE SURFACE WATER WITHIN 1000'.

DATE: 11/16/2010

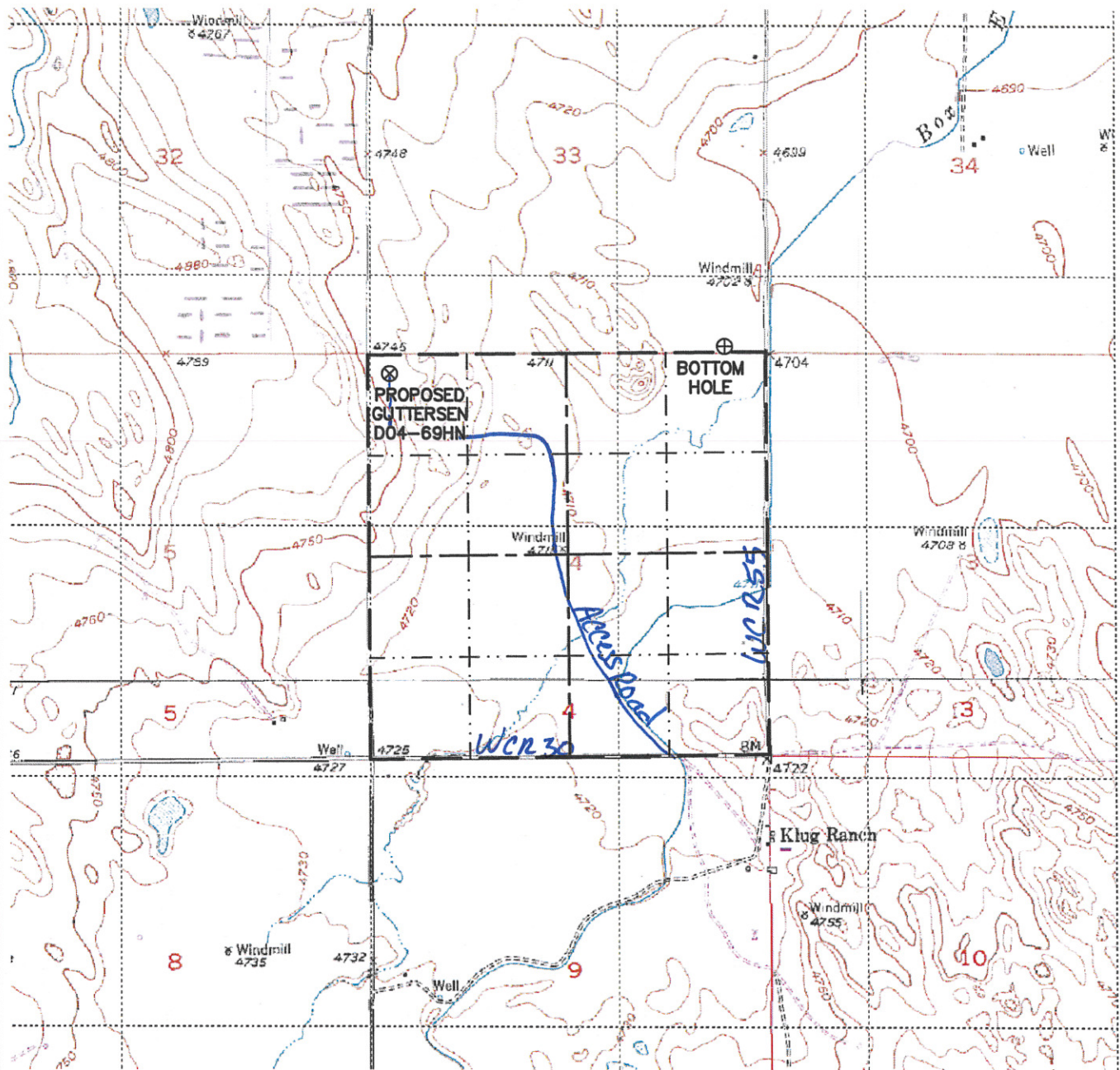


Stell Surveying Services, LLC

1102 West 19th Street P.O. BOX 2073  
ACCESS ROAD MAP

Cheyenne, Wyoming 82009

SECTION 4  
TOWNSHIP 3 NORTH  
RANGE 64 WEST

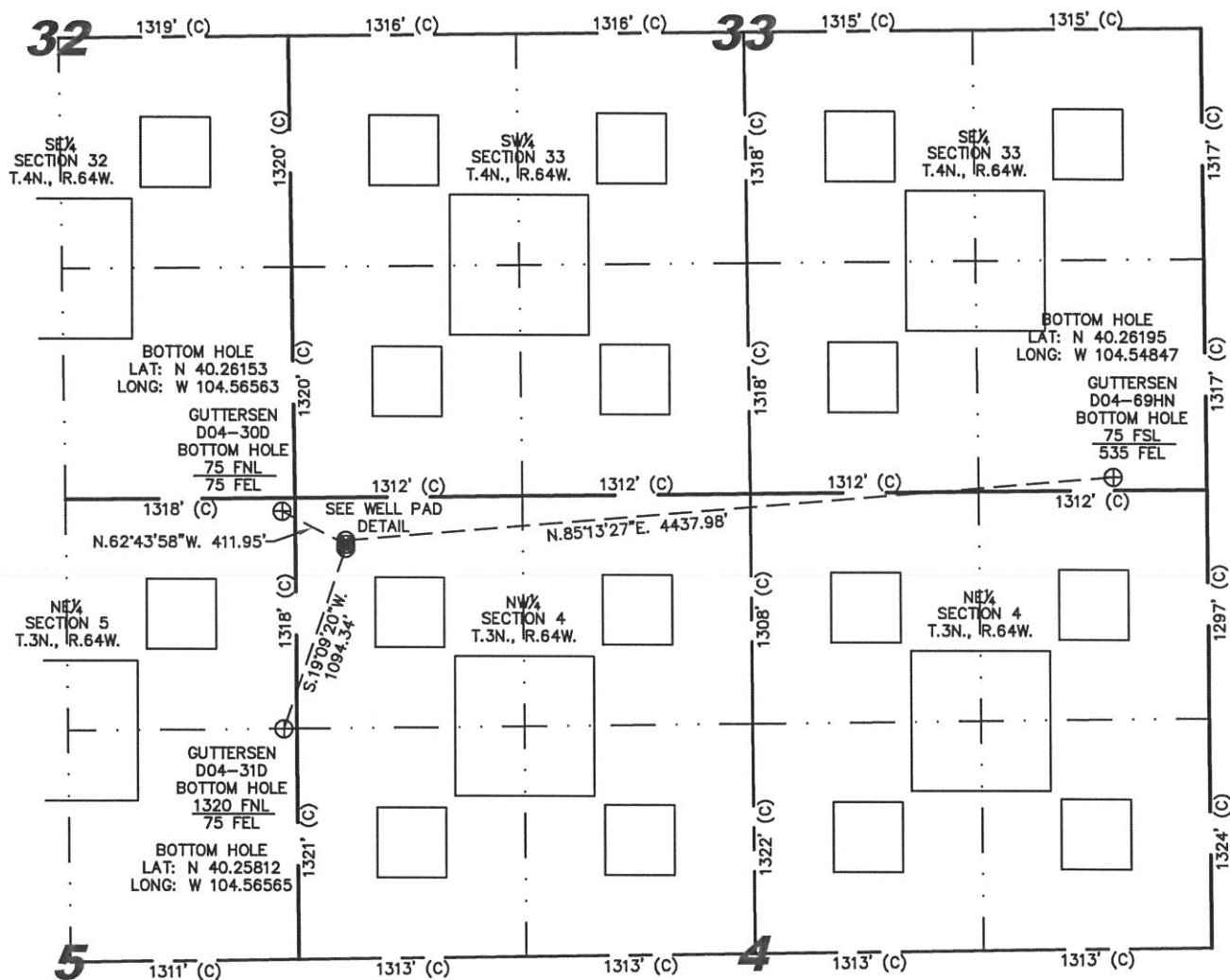


0 2000

Scale: 1" = 2000'

Cheyenne, Wyoming 82009

SECTION 4  
TOWNSHIP 3 NORTH  
RANGE 64 WEST



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" = 1000'