

Stell Surveying Services, LLC

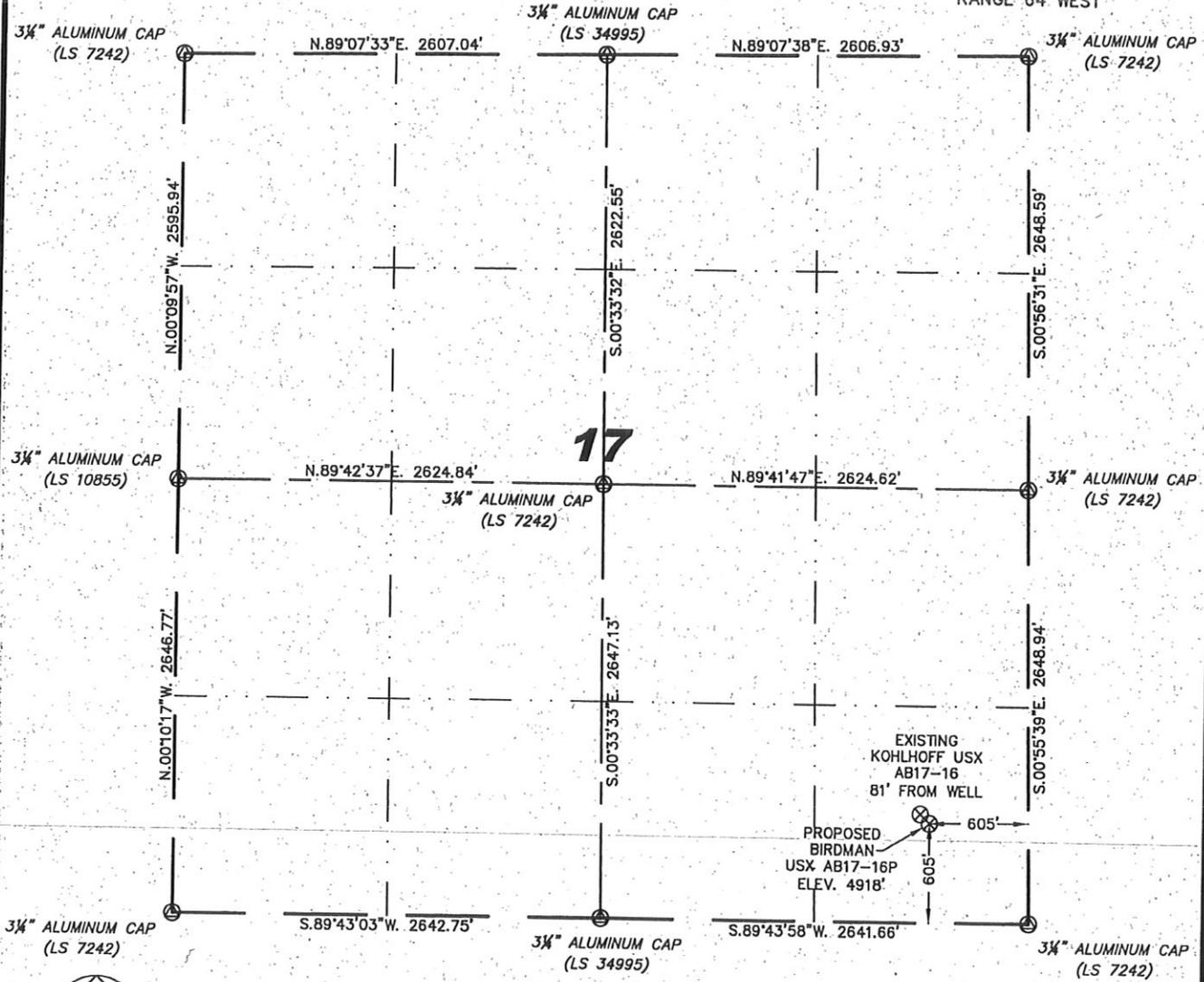
1102 West 19th Street P.O. BOX 2073

Cheyenne, Wyoming 82009

WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

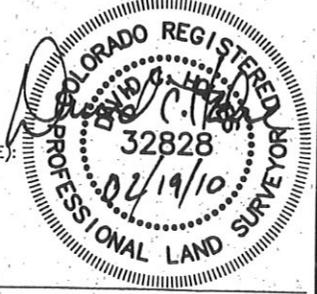
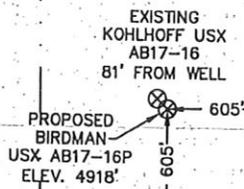
SECTION 17
TOWNSHIP 7 NORTH
RANGE 64 WEST



0 1000
Scale: 1" = 1000'

IN ACCORDANCE WITH A REQUEST FROM ERIK VAN DECAR - NOBLE ENERGY INC, STELL SURVEYING SERVICES, LLC HAS DETERMINED THE LOCATION OF THE BIRDMAN USX AB17-16P WELL TO BE 605' FSL, 605' FEL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES, SECTION 17, TOWNSHIP 7 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 02/09/2010, 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 01/20/2010 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: KOHLHOFF USX AB17-16, 81' NORTHWEST.
 - 4) SEE VISIBLE IMPROVEMENTS EXHIBIT FOR ALL IMPROVEMENTS WITHIN 400'.
 - 5) THE LOCATION FALLS IN PASTURE LAND.

LATITUDE & LONGITUDE (NAD 83 SURFACE HOLE):
 LATITUDE: N 40.56731'
 LONGITUDE: W 104.56613'
 PDOP: 2.1
 QUARTER-QUARTER: SE/4SE/4
 NEAREST PROPERTY LINE: 605' TO THE SOUTH

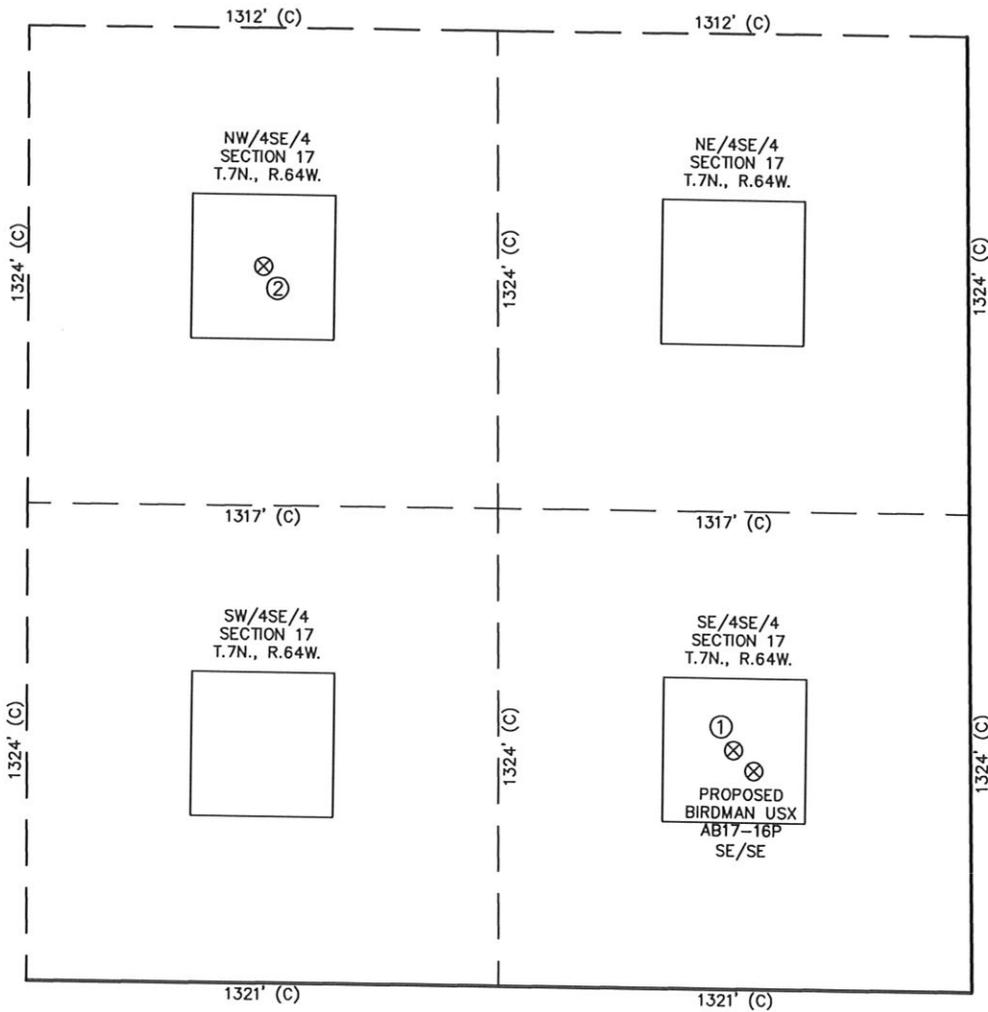
NOTICE: According to Colorado law you MUST commence any legal action based upon any defect in this W.L.C. within three years after you first discover such defect. In no event may any action based upon any defect in this W.L.C. be commenced more than ten years from this sold date of the certification 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
 Completed 02/18/2010
 JOB #: 09086

SITE SKETCH – BIRDMAN USX AB17-16P

SECTION 17
TOWNSHIP 7 NORTH
RANGE 64 WEST



①

KOHLHOFF USX
AB17-16
SE/SE SEC. 17
662' FSL
662' FEL
EL 4919'
N 40.56746
W 104.56633
PDOP 2.7

②

KOHLHOFF USX
AB17-10P
NW/SE SEC. 17
1986' FSL
1971' FEL
EL 4924'
N 40.57112
W 104.57107
PDOP 1.8



0 500
Scale: 1" = 500'

NOTES:

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