

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 2
TOWNSHIP 3 NORTH
RANGE 64 WEST

2 1/2" ALUMINUM CAP
(LS 28656)

N.89°27'23"E. 2630.20'

N.89°27'23"E. 2630.19'

2 1/2" ALUMINUM CAP
(LS 23501)

N.00°12'05"W. 2663.03'

N.00°14'04"W. 2659.51'

S.00°16'03"E. 2655.99'

N.89°22'48"E. 2631.76'

N.89°22'48"E. 2631.75'

2

N.00°12'05"W. 2657.06'

N.00°14'04"W. 2660.18'

S.00°16'03"E. 2663.31'

EXISTING
TANIA BLUE
D2-14

PROPOSED
TANIA D11-27D
ELEV. 4708'

BOTTOM HOLE
LAT: N 40.24737
LONG: W 104.51378

BOTTOM HOLE
LOCATION
85 FSL
1350 FEL

3 1/4" ALUMINUM CAP
(LS 19585)

S.89°26'53"W. 2633.27'

S.89°26'53"W. 2633.27'

2 1/2" ALUMINUM CAP
(LS 19585)



0 1000

Scale: 1" = 1000'

IN ACCORDANCE WITH A REQUEST FROM BRIAN De LOSE - NOBLE ENERGY INC, STEIL SURVEYING SERVICES, LLC HAS DETERMINED THE LOCATION OF THE TANIA D11-27D WELL TO BE 175' FSL, 2520' FEL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES, SECTION 2, TOWNSHIP 3 NORTH, RANGE 64 WEST, 8TH 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 11/18/2010, 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 04/28/2008 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) 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: TANIA BLUE D2-14, 751' NORTHWEST.
- 5) SEE LOCATION DRAWING FOR ALL IMPROVEMENTS WITHIN VISIBLE IMPROVEMENTS LIMIT.
- 6) THE LOCATION FALLS IN PASTURE LAND.

LATITUDE & LONGITUDE (NAD 83 SURFACE HOLE)
LATITUDE: N 40.24763
LONGITUDE: W 104.51797
PDOP: 2.2
QUARTER-QUARTER: SW/4SE/4
NEAREST PROPERTY LINE: 175' SOUTH

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 hereon.

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

JOB #: 10086

Completed 12/16/2010

