

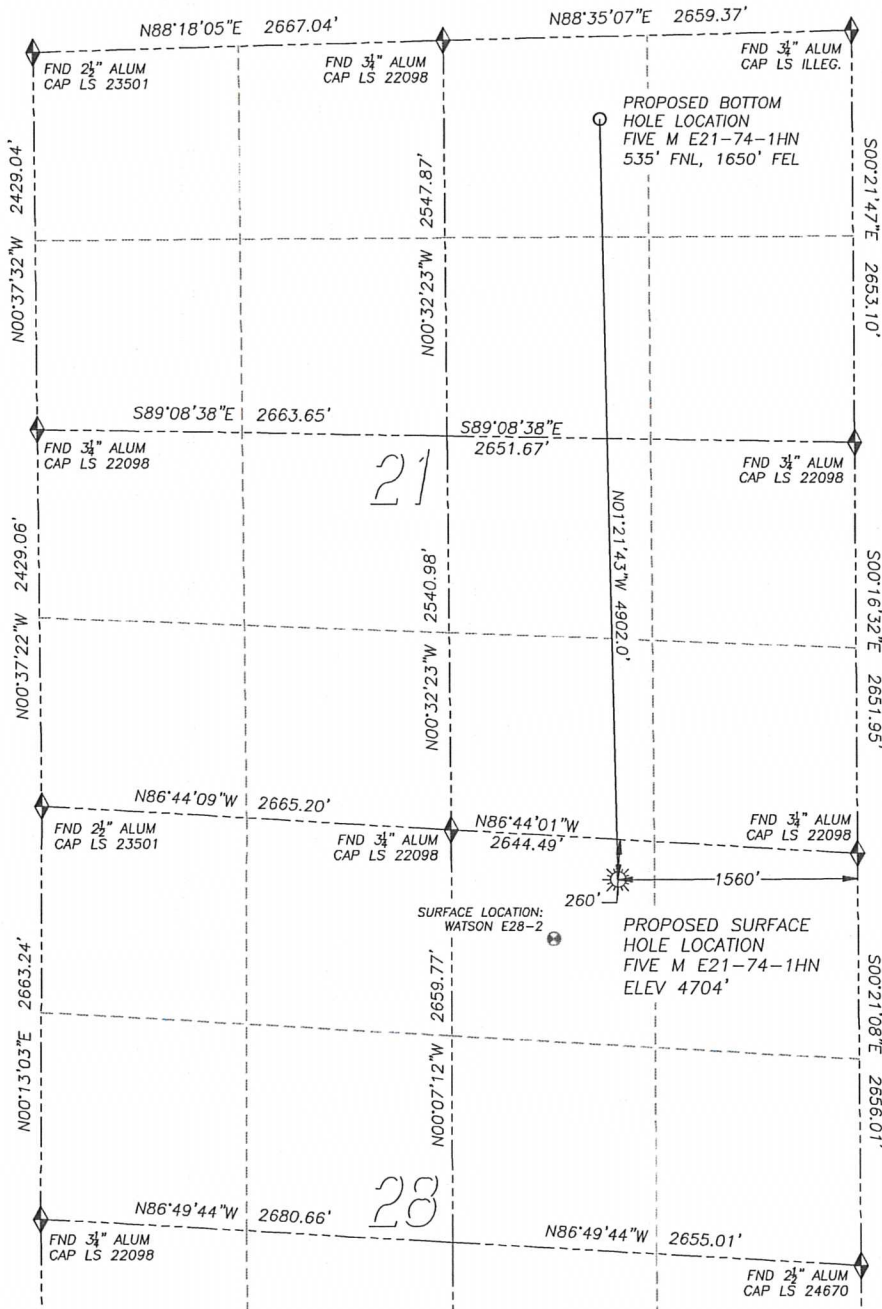
DALEY LAND SURVEYING, INC.

PARKER, CO. 80134

303 953 9841

## WELL LOCATION CERTIFICATE FIVE M E21-74-1HN

SECTION 28, TOWNSHIP 6 NORTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN



## NAD 83 LATITUDE AND LONGITUDE

FIVE M E21-74-1HN SURFACE HOLE:

LATITUDE: N40.46396°

LONGITUDE: W104.66454°

ELEVATION: 4704'

FOOTAGE: 260' FNL, 1560' FEL

PDOP: 1.8

QTR/QTR: NW4/NE4

PROP LINE: 230'± NORTH

BOTTOM HOLE:

LATITUDE: N40.47741°

LONGITUDE: W104.66497°

FOOTAGE: 535' FNL, 1650' FEL

OF SECTION 21

## NEAREST EXISTING WELL:

WATSON E28-2 SURFACE HOLE

LATITUDE: N40.46291°

LONGITUDE: W104.66602°

ELEVATION: 4704'

563' SOUTHWEST

## LEGEND

- ◆ FOUND MONUMENT AS DESCRIBED
- ☀ PROPOSED WELL
- EXISTING WELL
- BOTTOM HOLE

0 600 1200  
SCALE: 1" = 1200'



FOR AND ON BEHALF OF  
DALEY LAND SURVEYING INC.,  
Robert Daley, PLS 35597

## NOTES:

- 1) BEARINGS FOR THIS MAP ARE ASSUMED AND BASED UPON GPS OBSERVATIONS MADE BETWEEN MONUMENTS LOCATED AT THE NORTHEAST CORNER AND EAST QUARTER CORNER OF SECTION 28, T.6N., R.65W.
- 2) HORIZONTAL DATUM IS NAD83.
- 3) VERTICAL DATUM IS NAVD88. ELEVATIONS ARE DERIVED FROM GPS OBSERVATIONS PROCESSED THROUGH OPUS, UTILIZING THE GEIOD09 MODEL.
- 4) SEE LOCATION DRAWING FOR VISIBLE IMPROVEMENTS WITHIN 600' OF PROPOSED SURFACE HOLE LOCATION.
- 5) SURFACE USE: AGRICULTURE.

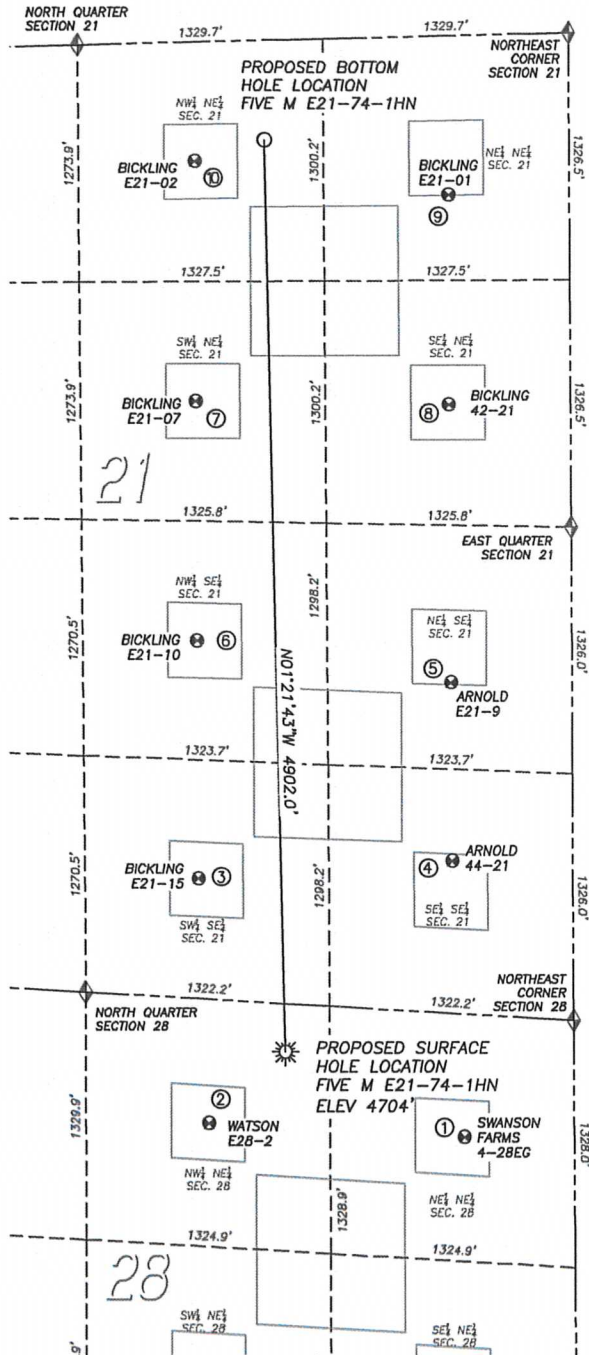
IN ACCORDANCE WITH A REQUEST FROM NATE McCORKELL OF NOBLE ENERGY INC., DALEY LAND SURVEYING, INC. HAS DETERMINED THE SURFACE LOCATION OF THE FIVE M E21-74-1HN WELL TO BE 260' FNL, 1560' FEL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES OF SECTION 28, TOWNSHIP 6 NORTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN, WELD COUNTY, COLORADO. THE BOTTOM HOLE LOCATION, PROVIDED BY THE CLIENT, IS TO BE 535' FNL, 1650' FEL OF SECTION 21, T.6N., R.65W.

I HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, THAT THE WORK WAS COMPLETED ON 6/30/2011 FOR AND ON BEHALF OF NOBLE ENERGY, INC., AND THAT THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY, IT IS NOT A LAND SURVEY PLAT OR AN IMPROVEMENT SURVEY PLAT AND IT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF FENCE, BUILDING OR OTHER FUTURE IMPROVEMENT LINES.

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 such defect in this W.L.C. be commenced more than ten years from the date of the certification shown herein.

## SITE SKETCH - FIVE M E21-74-1HN

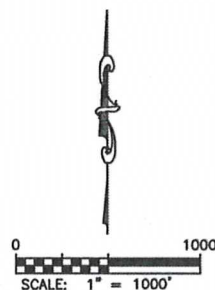
SECTION 28, TOWNSHIP 6 NORTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN



## NOTES:

- 1) THIS DOES NOT REPRESENT A BOUNDARY SURVEY
- 2) THE LATITUDES AND LONGITUDES SHOWN ARE REFERENCED TO NAD83
- 3) DATUM FOR ELEVATION IS NAVD88. ELEVATIONS ARE DERIVED FROM GPS-RTK OBSERVATIONS PROCESSED THROUGH OPUS, UTILIZING THE GEOID09 MODEL.

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| <p>① SWANSON FARMS<br/>4-28EG<br/>NE/NE SEC. 28<br/>661' FNL, 594' FEL<br/>LAT. N40.46271°<br/>LONG. W104.66105°<br/>EL: 4701'<br/>PDOP 1.5</p> <p>③ BICKLING E21-15<br/>SW/SE SEC. 21<br/>644' FSL, 2027' FEL<br/>LAT. N40.46652°<br/>LONG. W104.66623°<br/>EL: 4708'<br/>PDOP 1.6</p> <p>⑤ ARNOLD E21-9<br/>NE/SE SEC. 21<br/>1775' FSL, 657' FEL<br/>LAT. N40.46942°<br/>LONG. W104.66133°<br/>EL: 4710'<br/>PDOP 1.5</p> <p>⑦ BICKLING E21-07<br/>SW/NE SEC. 21<br/>1928' FNL, 2032' FEL<br/>LAT. N40.47356°<br/>LONG. W104.66631°<br/>EL: 4718'<br/>PDOP 1.8</p> <p>⑨ BICKLING E21-01<br/>NE/NE SEC. 21<br/>855' FNL, 657' FEL<br/>LAT. N40.47660°<br/>LONG. W104.66139°<br/>EL: 4720'<br/>PDOP 1.7</p> | <p>② WATSON E28-2<br/>NW/NE SEC. 28<br/>665' FNL, 1976' FEL<br/>LAT. N40.46291°<br/>LONG. W104.66602°<br/>EL: 4704'<br/>PDOP 2.0</p> <p>④ ARNOLD 44-21<br/>SE/SE SEC. 21<br/>817' FSL, 654' FEL<br/>LAT. N40.46678°<br/>LONG. W104.66130°<br/>EL: 4707'<br/>PDOP 1.5</p> <p>⑥ BICKLING E21-10<br/>NW/SE SEC. 21<br/>1921' FSL, 2030' FEL<br/>LAT. N40.47003°<br/>LONG. W104.66627°<br/>EL: 4713'<br/>PDOP 1.6</p> <p>⑧ BICKLING 42-21<br/>SE/NE SEC. 21<br/>1979' FNL, 660' FEL<br/>LAT. N40.47352°<br/>LONG. W104.66138°<br/>EL: 4716'<br/>PDOP 1.7</p> <p>⑩ BICKLING E21-02<br/>NW/NE SEC. 21<br/>641' FNL, 2030' FEL<br/>LAT. N40.47709°<br/>LONG. W104.66633°<br/>EL: 4723'<br/>PDOP 1.8</p> |
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## LEGEND

- ◆ FOUND MONUMENT AS DESCRIBED
- ⊙ PROPOSED WELL
- ⊙ EXISTING WELL
- BOTTOM HOLE
- ⊘ ABANDONED WELL

