

DALEY LAND SURVEYING, INC.

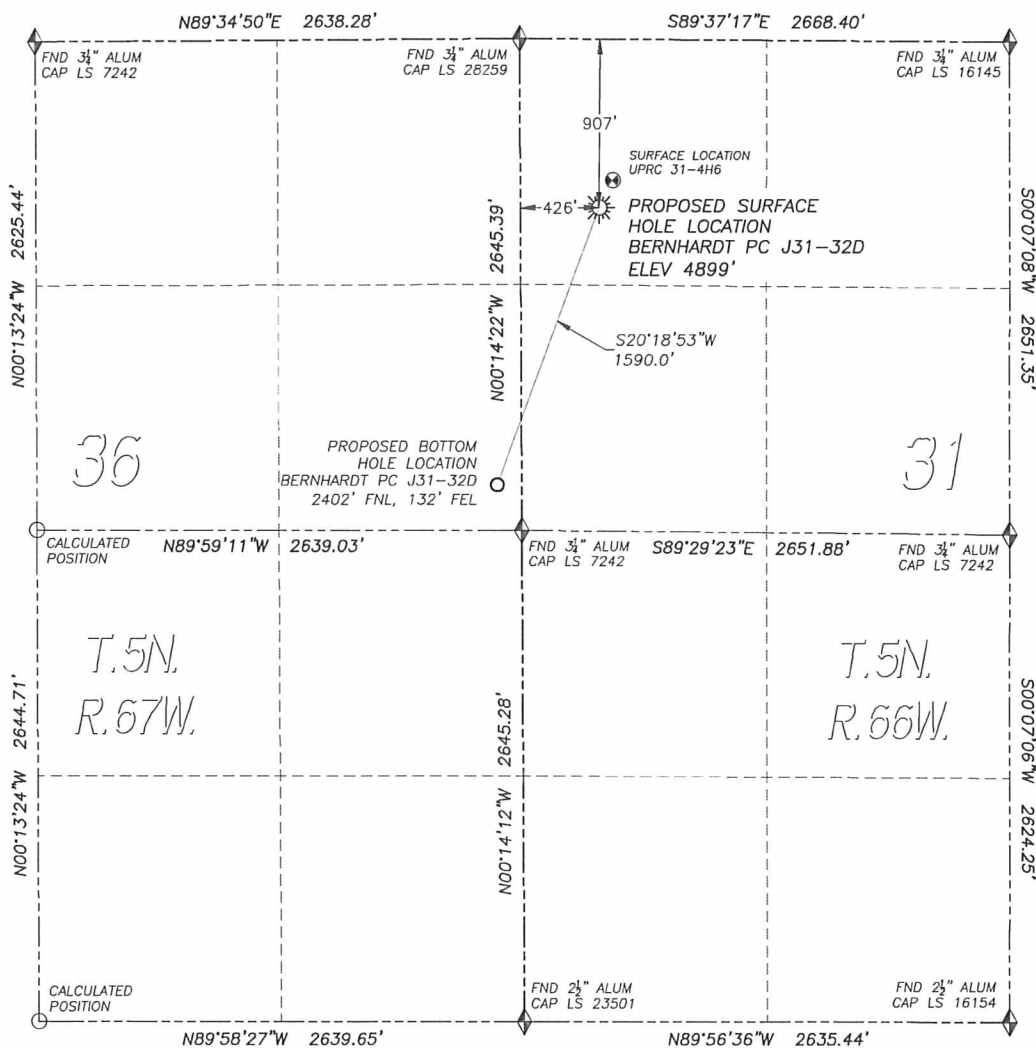
PARKER, CO. 80134

303 953 9841

# WELL LOCATION CERTIFICATE

## BERNHARDT PC J31-32D

SECTION 31, TOWNSHIP 5 NORTH, RANGE 66 WEST OF THE 6TH PRINCIPAL MERIDIAN



0 500 1000  
SCALE: 1" = 1000'

### LEGEND

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

### NAD 83 LATITUDE AND LONGITUDE

#### BERNHARDT PC J31-32D SURFACE HOLE:

LATITUDE: N40.36083'  
LONGITUDE: W104.83051'  
ELEVATION: 4899'  
PDOP 1.3

907' FNL, 426' FWL

#### BOTTOM HOLE:

LATITUDE: N40.35674'  
LONGITUDE: W104.83249'  
2402' FNL, 132' FEL SEC 36, T5N, R67W

#### NEAREST EXISTING WELL:

UPRC 31-4H6 SURFACE HOLE  
LATITUDE: N40.36123'  
LONGITUDE: W104.83025'  
ELEVATION: 4898'  
163' NORTHEAST

QUARTER/QUARTER: NW4/NW4

NEAREST APPARENT PROPERTY LINE:  
426'± WEST

IN ACCORDANCE WITH A REQUEST FROM MATT CAMPBELL OF NOBLE ENERGY INC., DALEY LAND SURVEYING, INC. HAS DETERMINED THE SURFACE LOCATION OF THE BERNHARDT PC J31-32D WELL TO BE 907' FNL, 426' FWL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES OF SECTION 31, TOWNSHIP 5 NORTH, RANGE 66 WEST OF THE 6TH PRINCIPAL MERIDIAN, WELD COUNTY, COLORADO. THE BOTTOM HOLE LOCATION, PROVIDED BY THE CLIENT, IS TO BE 2402' FNL, 132' FEL OF SEC. 36, T.5N., R.67W.

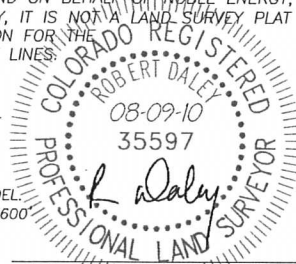
I HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, THAT THE WORK WAS COMPLETED ON 8/6/2010 FOR AND ON BEHALF OF NOBLE ENERGY, INC., AND THAT THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY, IT IS NOT A LAND SURVEY PLAT OR AN IMPROVEMENT SURVEY PLAT AND IT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF FENCE, BUILDING OR OTHER FUTURE IMPROVEMENT LINES.

#### NOTES:

- 1) BEARINGS FOR THIS MAP ARE ASSUMED AND BASED UPON GPS OBSERVATIONS MADE BETWEEN MONUMENTS LOCATED AT THE NORTHWEST CORNER AND WEST QUARTER CORNER OF SECTION 31, T.5N., R.66W.
- 2) HORIZONTAL DATUM IS NAD83.
- 3) VERTICAL DATUM IS NAVD88. ELEVATIONS ARE DERIVED FROM GPS OBSERVATIONS PROCESSED THROUGH OPUS, UTILIZING THE GEOID03 MODEL.
- 4) SEE VISIBLE IMPROVEMENTS EXHIBIT FOR VISIBLE IMPROVEMENTS WITHIN 600' OF PROPOSED SURFACE HOLE LOCATION.
- 5) SURFACE USE: AGRICULTURAL.

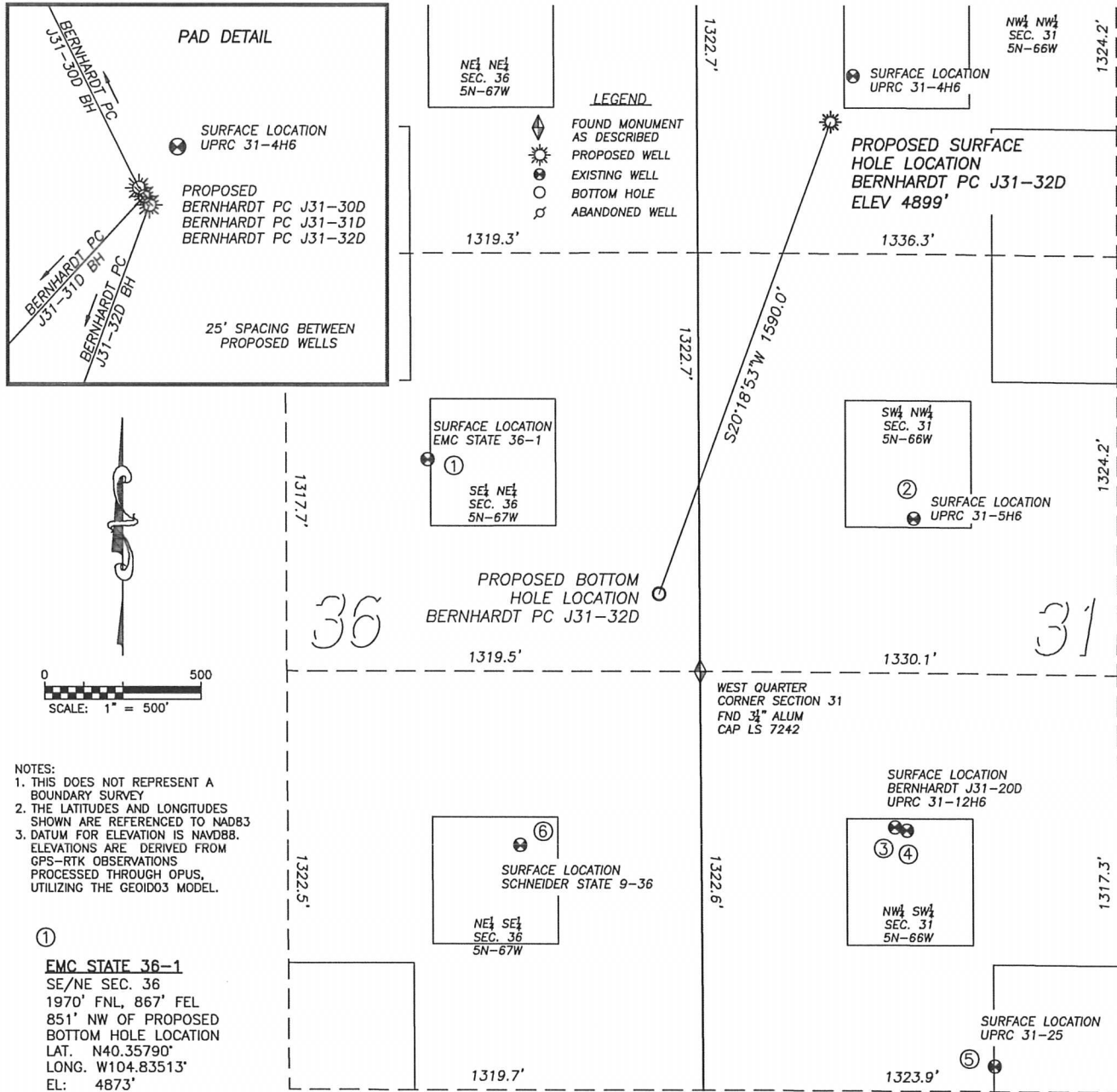
NOTICE: According to Colorado law you MUST commence any legal action based upon any defect in this W.L.C. within three years after you first discover such defect. In no event may any action based upon any such defect in this W.L.C. be commenced more than ten years from the date of the certification shown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

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



# SITE SKETCH BERNHARDT PC J31-32D

SECTION 31, TOWNSHIP 5 NORTH, RANGE 66 WEST OF THE 6TH PRINCIPAL MERIDIAN



①

**EMC STATE 36-1**

SE/NE SEC. 36  
1970' FNL, 867' FEL  
851' NW OF PROPOSED  
BOTTOM HOLE LOCATION  
LAT. N40.35790°  
LONG. W104.83513°  
EL: 4873'  
PDOP 1.6

②

**UPRC 31-5H6**

SW/NW SEC. 31  
2158' FNL, 684' FWL  
849' NE OF PROPOSED  
BOTTOM HOLE LOCATION  
LAT. N40.35739°  
LONG. W104.82957°  
EL: 4877'  
PDOP 2.7

③

**BERNHARDT J31-20D**

NW/SW SEC. 31  
2153' FSL, 617' FWL  
1052' SE OF PROPOSED  
BOTTOM HOLE LOCATION  
LAT. N40.35471°  
LONG. W104.82979°  
EL: 4861'  
PDOP 2.6

④

**UPRC 31-12H6**

NW/SW SEC. 31  
2143' FSL, 655' FWL  
1088' SE OF PROPOSED  
BOTTOM HOLE LOCATION  
LAT. N40.35468°  
LONG. W104.82965°  
EL: 4860'  
PDOP 1.2

⑤

**UPRC 31-25**

NW/SW SEC. 31  
1398' FSL, 928' FWL  
1834' SE OF PROPOSED  
BOTTOM HOLE LOCATION  
LAT. N40.35264°  
LONG. W104.82867°  
EL: 4847'  
PDOP 1.2

⑥

**SCHNEIDER STATE 9-36**

NE/SE SEC. 36  
2094' FSL, 579' FEL  
911' SW OF PROPOSED  
BOTTOM HOLE LOCATION  
LAT. N40.35455°  
LONG. W104.83408°  
EL: 4862'  
PDOP 1.5