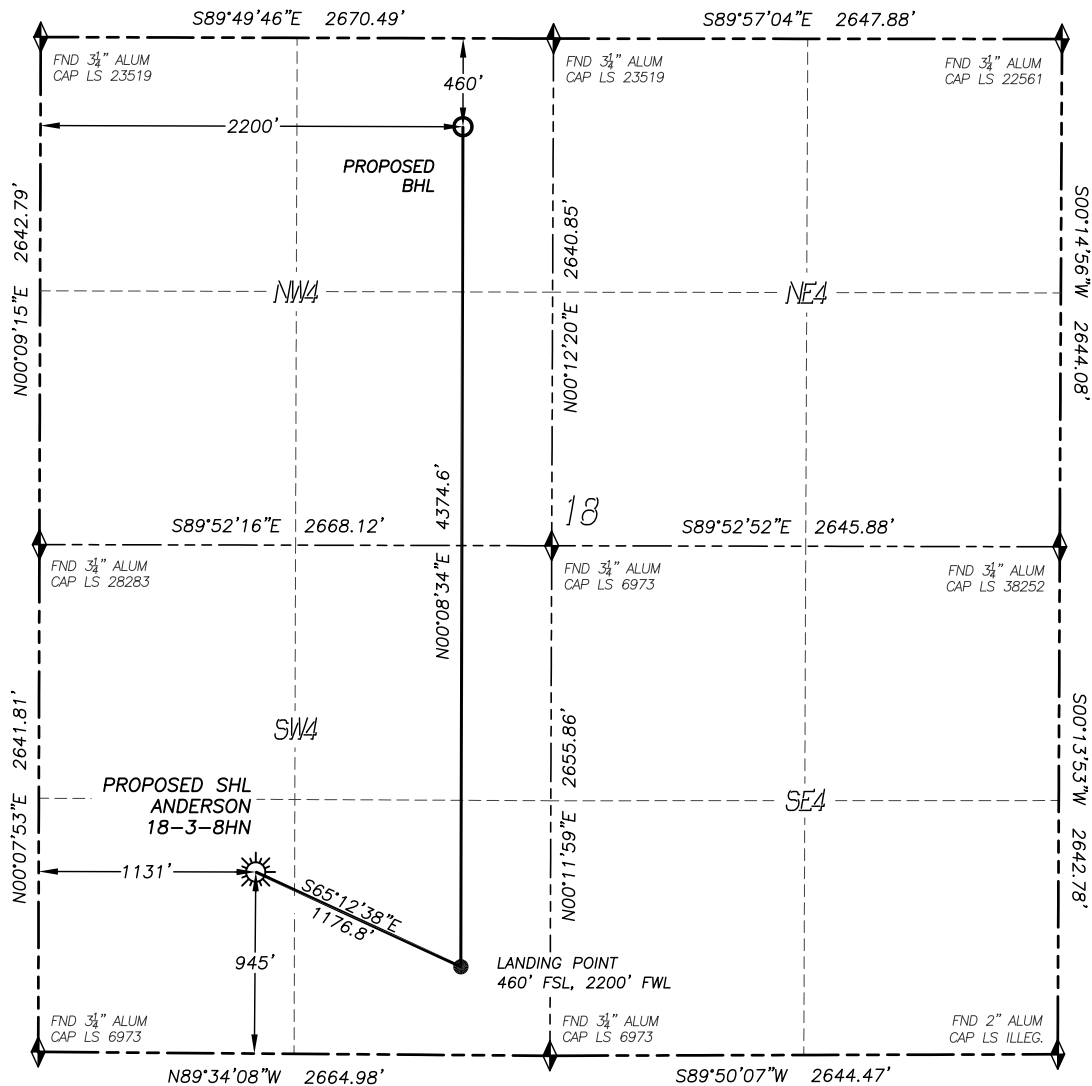


# WELL LOCATION CERTIFICATE

## ANDERSON 18-3-8HN

SECTION 18, TOWNSHIP 1 SOUTH, RANGE 66 WEST OF THE 6TH P.M.



0 500 1000  
SCALE: 1" = 1000'

**LEGEND**

- ◆ FOUND MONUMENT AS DESCRIBED
- ☼ PROPOSED WELL
- ⊙ EXISTING WELL
- BOTTOM HOLE
- ⊗ ABANDONED WELL
- ◆ CALCULATED POSITION

IN ACCORDANCE WITH A REQUEST FROM WARD PETROLEUM, DALEY LAND SURVEYING, INC. HAS DETERMINED THE SURFACE LOCATION OF THE ANDERSON 18-3-8HN WELL TO BE 945' FSL, 1131' FWL, AND THE BOTTOM HOLE LOCATION TO BE 460' FNL, 2200' FWL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES OF SECTION 18, TOWNSHIP 1 SOUTH, RANGE 66 WEST OF THE 6TH P.M., ADAMS COUNTY, COLORADO.

I HEREBY STATE THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, THAT THE WORK WAS COMPLETED ON 6/6/2014 FOR AND ON BEHALF OF WARD PETROLEUM 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 SOUTHWEST CORNER AND SOUTH QUARTER CORNER OF SECTION 18, T.1S., R.66W.
- 2) HORIZONTAL DATUM IS NAD83.
- 3) VERTICAL DATUM IS NAVD88 AND ORIGINATES FROM THE LOCAL C.O.R.S. NETWORK, UTILIZING THE GEOID12A MODEL.
- 4) SEE LOCATION DRAWING FOR VISIBLE IMPROVEMENTS WITHIN 500' OF PROPOSED DISTURBED AREA.
- 5) SURFACE USE: AGRICULTURAL.
- 6) INST. OPERATOR: SCOTT ESTABROOKS.
- 7) NEAREST WELL: THERE ARE NO WELLS IN THIS SECTION.

**NEAREST CULTURAL ITEMS:**

- |                                |           |
|--------------------------------|-----------|
| 1. BUILDING:                   | 567'± SE  |
| 2. BUILDING UNIT:              | 816'± SE  |
| 3. HIGH OCC. BLD. UNIT:        | 5280'±    |
| 4. DES. OUTSIDE ACTIVITY AREA: | 5280'±    |
| 5. PUBLIC ROAD:                | 934'± S   |
| 6. ABOVE GROUND UTILITY:       | 444'± NE  |
| 7. RAILROAD:                   | 1538'± NW |
| 8. PROPERTY LINE:              | 203'± E   |

**NAD 83 LATITUDE AND LONGITUDE****SURFACE LOCATION:**

LATITUDE: N39.96041°  
LONGITUDE: W104.82376°  
ELEV: 5005'  
PDOP: 1.4  
QTR/QTR: SW4/SW4

**LANDING POINT:**

LATITUDE: N39.95905°  
LONGITUDE: W104.81995°  
**BOTTOM HOLE:**  
LATITUDE: N39.97106°  
LONGITUDE: W104.81991°

