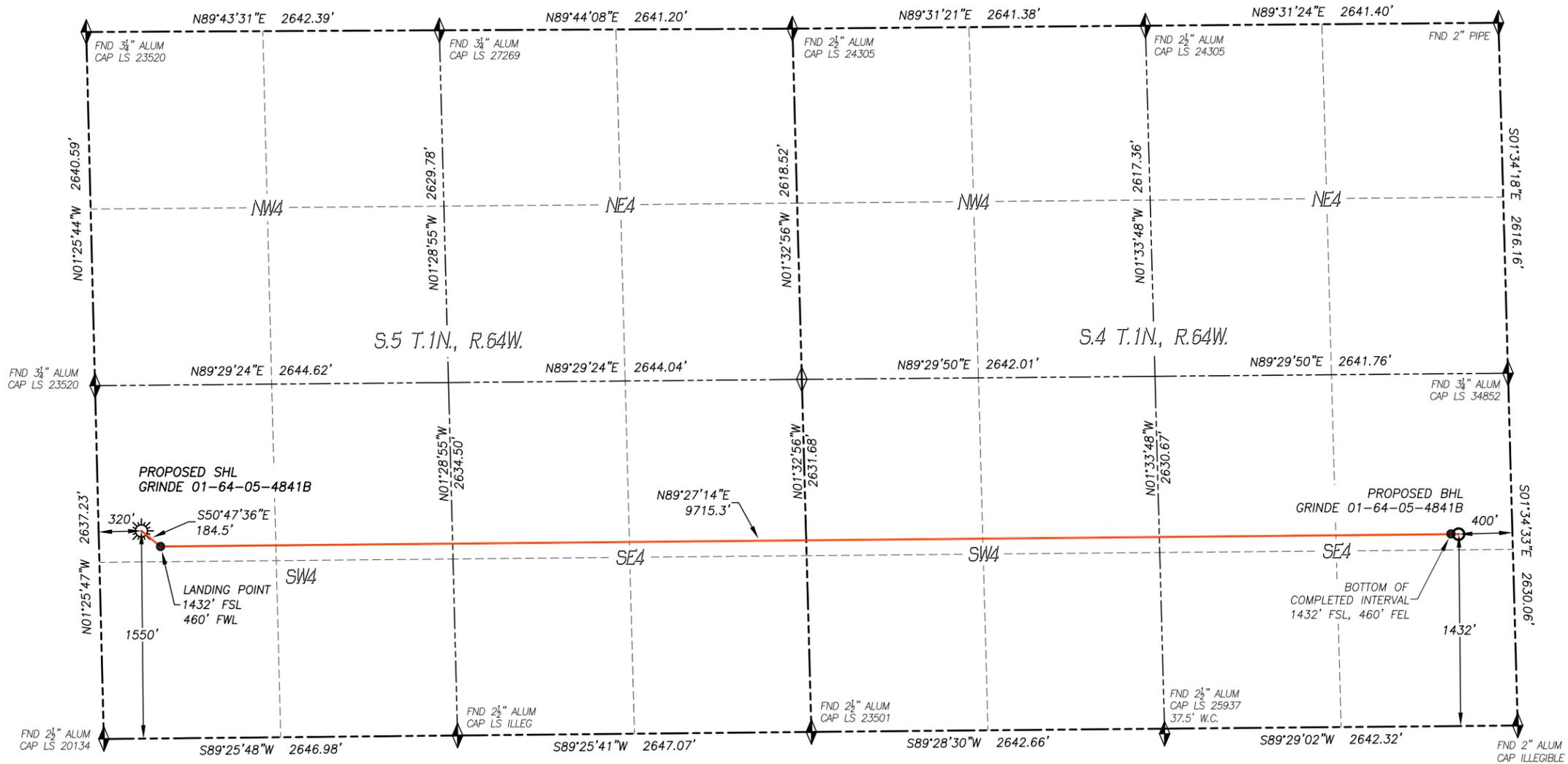


# WELL LOCATION CERTIFICATE

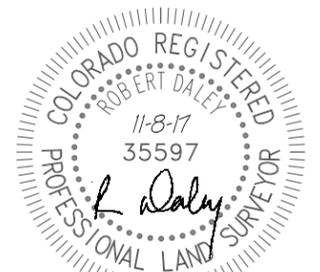
## GRINDE 01-64-05-4841B

SECTION 5, TOWNSHIP 1 NORTH, RANGE 64 WEST OF THE 6TH P.M., WELD COUNTY



IN ACCORDANCE WITH A REQUEST FROM BILL BARRETT CORP., DALEY LAND SURVEYING, INC. HAS DETERMINED THE SURFACE LOCATION OF THE GRINDE 01-64-05-4841B WELL TO BE 1550' FSL, 320' FWL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES OF SECTION 5, TOWNSHIP 1 NORTH, RANGE 64 WEST AND THE BOTTOM HOLE LOCATION TO BE 1432' FSL, 400' FEL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES OF SECTION 4, TOWNSHIP 1 NORTH, RANGE 64 WEST, OF THE 6TH PRINCIPAL MERIDIAN, WELD 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 11/2/2017 FOR AND ON BEHALF OF BILL BARRETT CORP., 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.



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 NORTH QUARTER CORNER AND NORTHEAST CORNER OF SECTION 5, T.1N., R.64W.
- 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.

### NEAREST CULTURAL ITEMS:

BUILDING:	405'± SW
BUILDING UNIT:	680'± SW
HIGH OCC. BLD. UNIT:	5280'+
DES. OUTSIDE ACTIVITY AREA:	5280'+
PUBLIC ROAD:	307'± W
ABOVE GROUND UTILITY:	294'± W
RAILROAD:	5280'+
PROPERTY LINE:	320'± W

### NAD 83 LATITUDE AND LONGITUDE

#### SURFACE LOCATION:

LATITUDE: N40.07750°  
LONGITUDE: W104.58311°  
ELEV: 5030'  
PDOP: 1.3  
QTR/QTR: NW4/SW4

#### LANDING POINT:

LATITUDE: N40.07717°  
LONGITUDE: W104.58261°  
BOTTOM COMPLETED INT.:  
LATITUDE: N40.07715°  
LONGITUDE: W104.54811°

#### BOTTOM HOLE:

LATITUDE: N40.07715°  
LONGITUDE: W104.54790°

### LEGEND

- ◆ FOUND MONUMENT AS DESCRIBED
- ☀ PROPOSED WELL
- EXISTING WELL
- ⊙ BOTTOM HOLE
- ⊘ ABANDONED WELL
- ◇ CALCULATED POSITION

