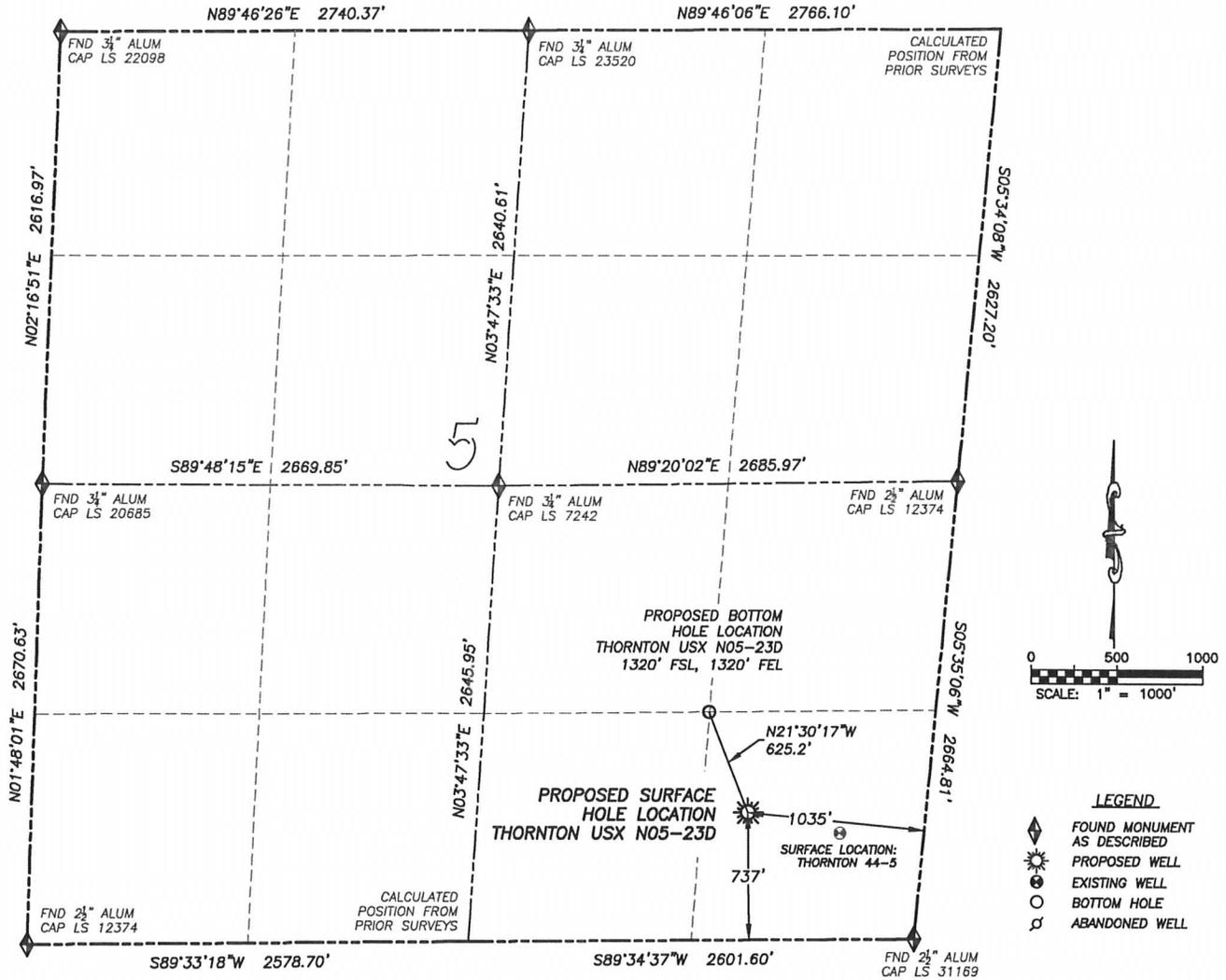


## WELL LOCATION CERTIFICATE THORNTON USX N05-23D

SECTION 5, TOWNSHIP 5 NORTH, RANGE 67 WEST OF THE 6TH PRINCIPAL MERIDIAN



**NAD 83 LATITUDE AND LONGITUDE**

**THORNTON USX N05-23D**

**SURFACE HOLE:**

LATITUDE: N40.42357°

LONGITUDE: W104.91062°

ELEVATION: 4883'

FOOTAGE: 737' FSL, 1035' FEL

PDOP: 1.3

QTR/QTR: SE4/SE4

PROP LINE: 737'± SOUTH

**BOTTOM HOLE:**

LATITUDE: N40.42517°

LONGITUDE: W104.91144°

FOOTAGE: 1320' FSL, 1320' FEL

**NEAREST EXISTING WELL:**

THORNTON 44-5 SURFACE HOLE

LATITUDE: N40.42325°

LONGITUDE: W104.90870°

ELEVATION: 4853'

547' SOUTHEAST

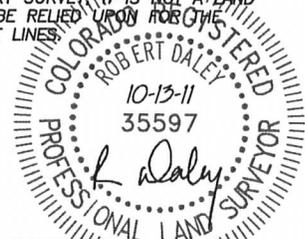
IN ACCORDANCE WITH A REQUEST FROM MATT CAMPBELL OF NOBLE ENERGY INC., DALEY LAND SURVEYING, INC. HAS DETERMINED THE SURFACE LOCATION OF THE THORNTON USX N05-23D WELL TO BE 737' FSL, 1035' FEL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES OF SECTION 5, TOWNSHIP 5 NORTH, RANGE 67 WEST OF THE 6TH PRINCIPAL MERIDIAN, WELD COUNTY, COLORADO. THE BOTTOM HOLE LOCATION, PROVIDED BY THE CLIENT, IS TO BE 1320' FSL, 1320' FEL

I HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, THAT THE WORK WAS COMPLETED ON 10/11/2011 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

**NOTES:**

- 1) BEARINGS FOR THIS MAP ARE ASSUMED AND BASED UPON GPS OBSERVATIONS MADE BETWEEN MONUMENTS LOCATED AT THE SOUTHEAST CORNER AND EAST QUARTER CORNER OF SECTION 5, T.5N., R.67W.
- 2) HORIZONTAL DATUM IS NAD83.
- 3) VERTICAL DATUM IS NAVD88 AND ORIGINATES FROM THE LOCAL C.O.R.S. NETWORK, UTILIZING THE GEOID09 MODEL.
- 4) SEE LOCATION DRAWING FOR VISIBLE IMPROVEMENTS WITHIN 400' OF PROPOSED DISTURBED AREA.
- 5) SURFACE USE: NON-AGRICULTURAL.

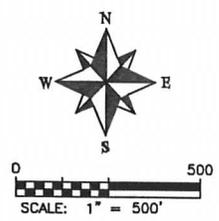
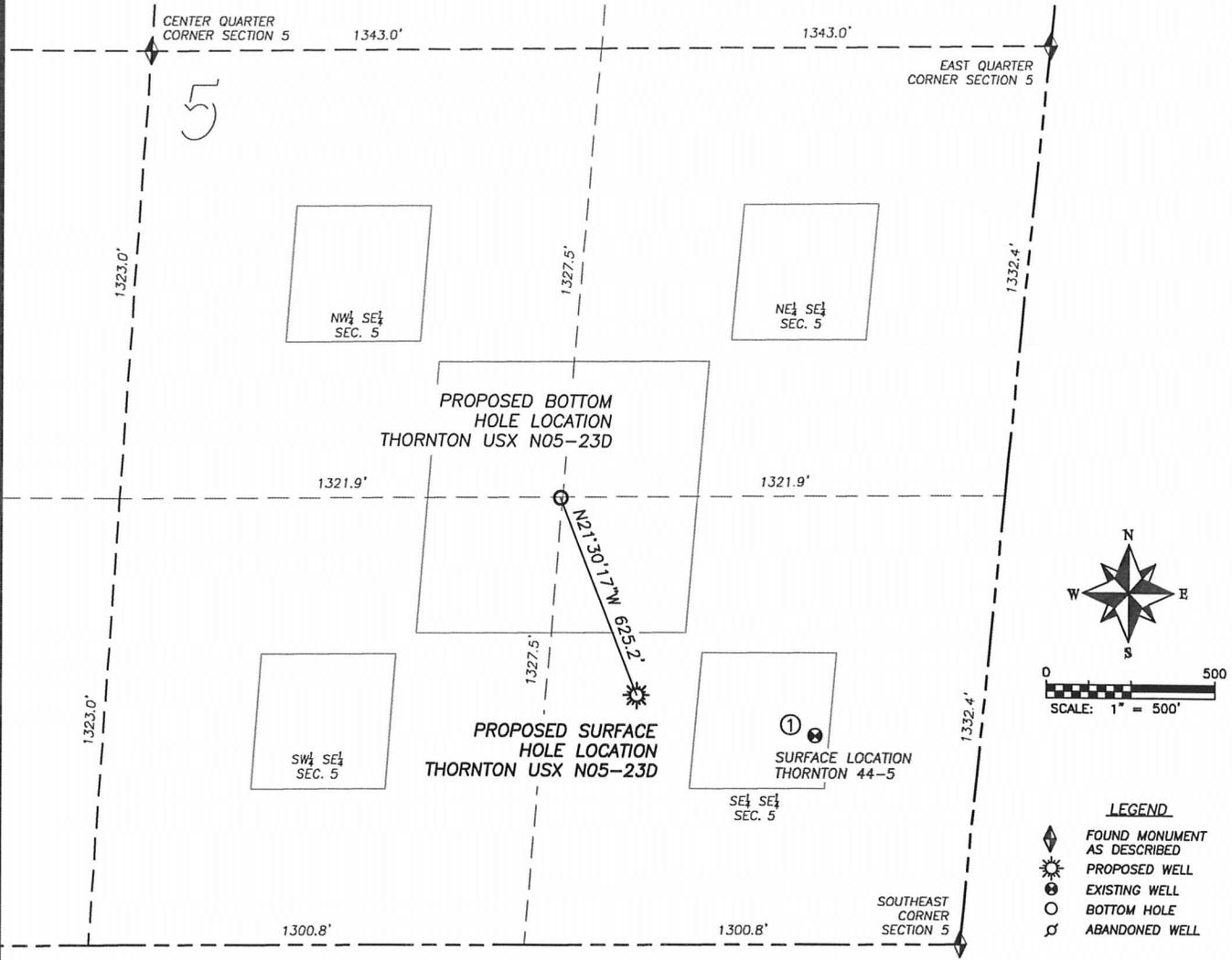
NOTICE: According to Colorado law you MUST commence any legal action based upon any defect in this W.L.C. within three years after you first discover such defect. In no event may any action based upon any such defect in this W.L.C. be commenced more than ten years from the date of the certification shown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



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

**SITE SKETCH THORNTON USX N05-23D**

SECTION 5, TOWNSHIP 5 NORTH, RANGE 67 WEST OF THE 6TH PRINCIPAL MERIDIAN



**LEGEND**

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

①  
**THORNTON 44-5**  
 SE/SE SEC. 5  
 616' FSL, 492' FEL  
 1034' SE OF PROPOSED  
 BOTTOM HOLE LOCATION  
 LAT. N40.42325'  
 LONG. W104.90870'  
 EL: 4853'  
 PDOP 1.8

**NOTES:**  
 1. THIS DOES NOT REPRESENT A BOUNDARY SURVEY  
 2. HORIZONTAL DATUM IS NAD83  
 3. VERTICAL DATUM IS NAVD88 AND ORIGINATES FROM THE LOCAL C.O.R.S. NETWORK, UTILIZING THE GEOID09 MODEL.