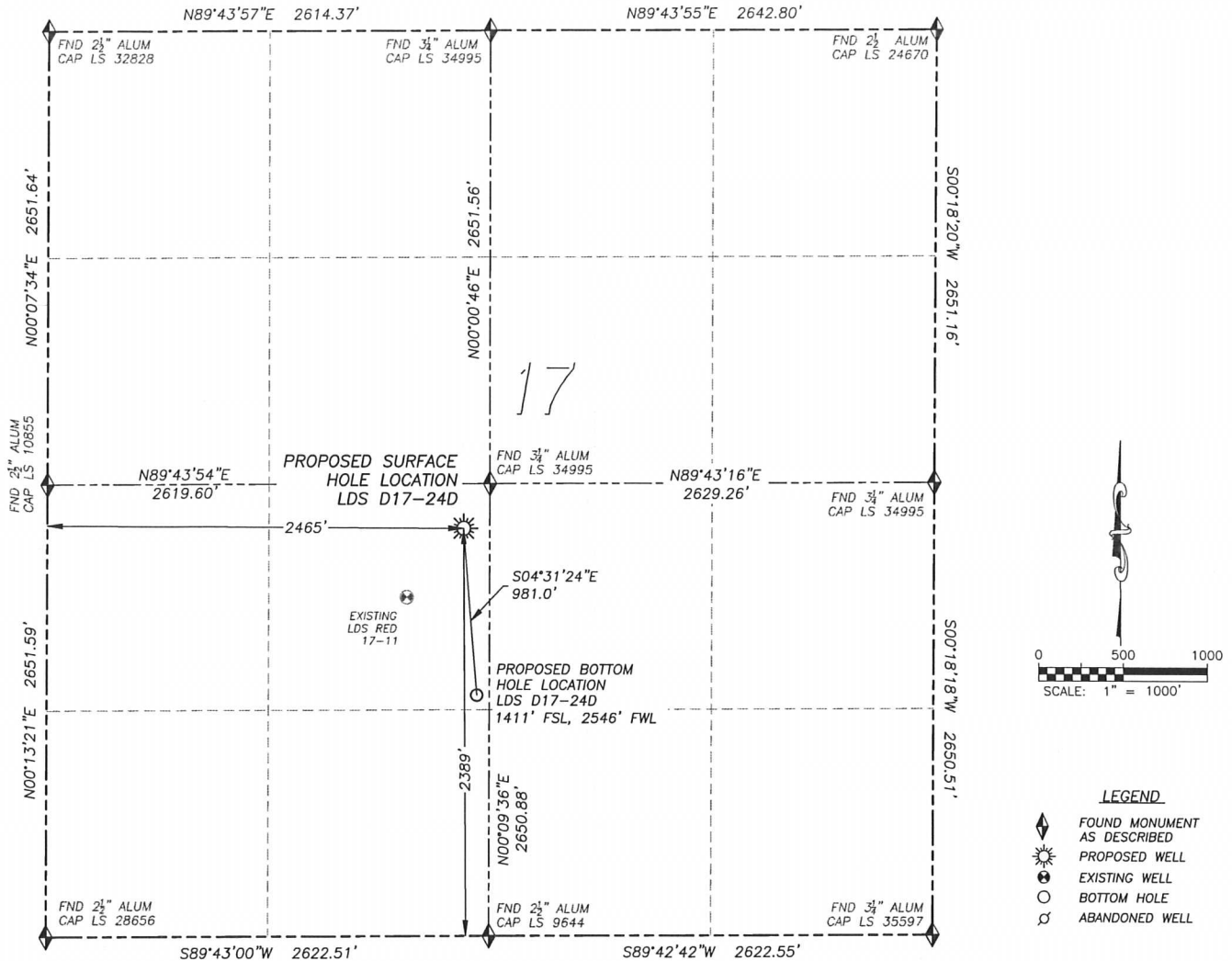


WELL LOCATION CERTIFICATE LDS D17-24D

SECTION 17, TOWNSHIP 3 NORTH, RANGE 64 WEST OF THE 6TH PRINCIPAL MERIDIAN



NAD 83 LATITUDE AND LONGITUDE

LDS D17-24D SURFACE HOLE:

LATITUDE: N40.22465°
LONGITUDE: W104.57558°
ELEVATION: 4752'
FOOTAGE: 2389' FSL, 2465' FWL
PDOP: 1.2
QTR/QTR: NE4/SW4
PROP LINE: 155'± EAST

BOTTOM HOLE:

LATITUDE: N40.22197°
LONGITUDE: W104.57530°
FOOTAGE: 1411' FSL, 2546' FWL

NEAREST EXISTING WELL:

LDS RED 17-11 SURFACE HOLE
LATITUDE: N40.22354°
LONGITUDE: W104.57679°
ELEVATION: 4754'
526' SOUTHWEST

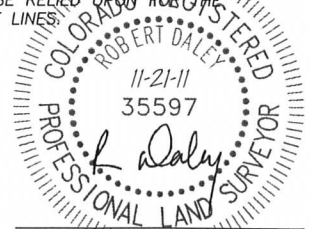
IN ACCORDANCE WITH A REQUEST FROM MATT CAMPBELL OF NOBLE ENERGY INC., DALEY LAND SURVEYING, INC. HAS DETERMINED THE SURFACE LOCATION OF THE LDS D17-24D WELL TO BE 2389' FSL, 2465' FWL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES OF SECTION 17, TOWNSHIP 3 NORTH, RANGE 64 WEST OF THE 6TH PRINCIPAL MERIDIAN, WELD COUNTY, COLORADO. THE BOTTOM HOLE LOCATION, PROVIDED BY THE CLIENT, IS TO BE 1411' FSL, 2546' FWL.

I HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, THAT THE WORK WAS COMPLETED ON 11/16/2011 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 SOUTHWEST CORNER AND SOUTH QUARTER CORNER OF SECTION 17, T.3N., R.64W.
- 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: AGRICULTURAL.

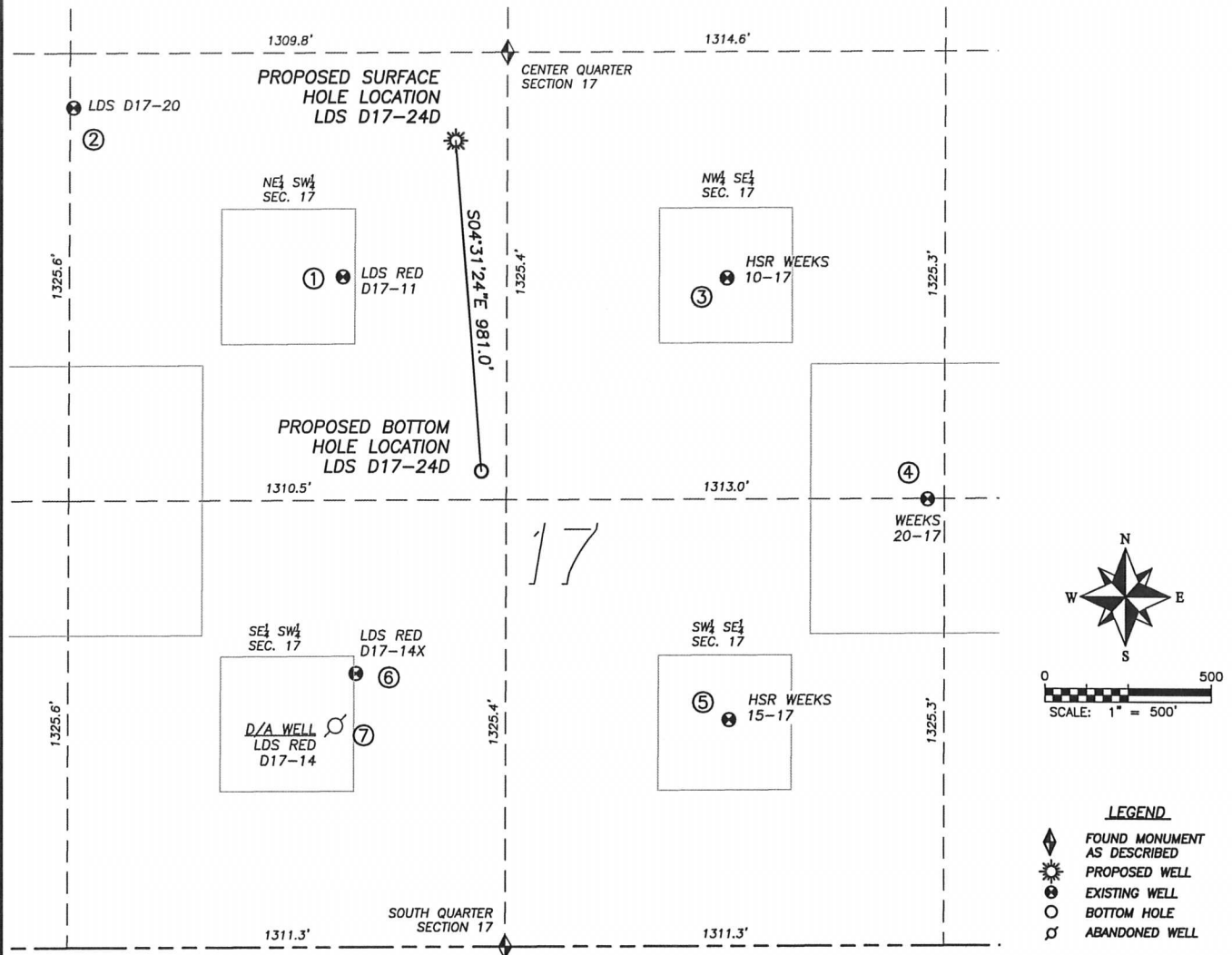
NOTICE: According to Colorado law you MUST commence any legal action based upon any defect in this W.L.C. within three years after you first discover such defect. In no event may any action based upon any such defect in this W.L.C. be commenced more than ten years from the date of the certification shown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



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

SITE SKETCH LDS D17-24D

SECTION 17, TOWNSHIP 3 NORTH, RANGE 64 WEST OF THE 6TH PRINCIPAL MERIDIAN



- | | | | |
|---|---|--|---|
| ① | ② | ③ | ④ |
| <u>LDS RED D17-11</u>
NE/SW SEC. 17
1987' FSL, 2129' FWL
709' NW OF PROPOSED
BOTTOM HOLE LOCATION
LAT. N40.22354"
LONG. W104.57679"
EL: 4754'
PDOP 1.7 | <u>LDS D17-20</u>
NE/SW SEC. 17
2490' FSL, 1320' FWL
1626' NW OF PROPOSED
BOTTOM HOLE LOCATION
LAT. N40.22491"
LONG. W104.57967"
EL: 4755'
PDOP 1.4 | <u>HSR-WEEKS 10-17</u>
NW/SE SEC. 17
1980' FSL, 1968' FEL
933' NE OF PROPOSED
BOTTOM HOLE LOCATION
LAT. N40.22354"
LONG. W104.57267"
EL: 4751'
PDOP 1.8 | <u>WEEKS 20-17</u>
SW/SE SEC. 17
1324' FSL, 1364' FEL
1339' E OF PROPOSED
BOTTOM HOLE LOCATION
LAT. N40.22175"
LONG. W104.57051"
EL: 4753'
PDOP 1.3 |
| ⑤ | ⑥ | ⑦ | |
| <u>HSR WEEKS 15-17</u>
SW/SE SEC. 17
671' FSL, 1957' FEL
1044' SE OF PROPOSED
BOTTOM HOLE LOCATION
LAT. N40.21995"
LONG. W104.57265"
EL: 4756'
PDOP 1.3 | <u>LDS RED 17-14X</u>
SE/SW SEC. 17
812' FSL, 2172' FWL
709' SW OF PROPOSED
BOTTOM HOLE LOCATION
LAT. N40.22032"
LONG. W104.57665"
EL: 4758'
PDOP 1.3 | <u>D/A WELL</u>
<u>LDS RED D17-14</u>
SE/SW SEC. 17
657' FSL, 2111' FWL
LAT. N40.21981"
LONG. W104.57688"
EL: 4757'
LOCATION INFORMATION
FROM COGCC DATABASE | NOTES:
1. THIS DOES NOT R
2. HORIZONTAL DATUM
3. VERTICAL DATUM IS
LOCAL C.O.R.S. NE |

NOTES:

- 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.