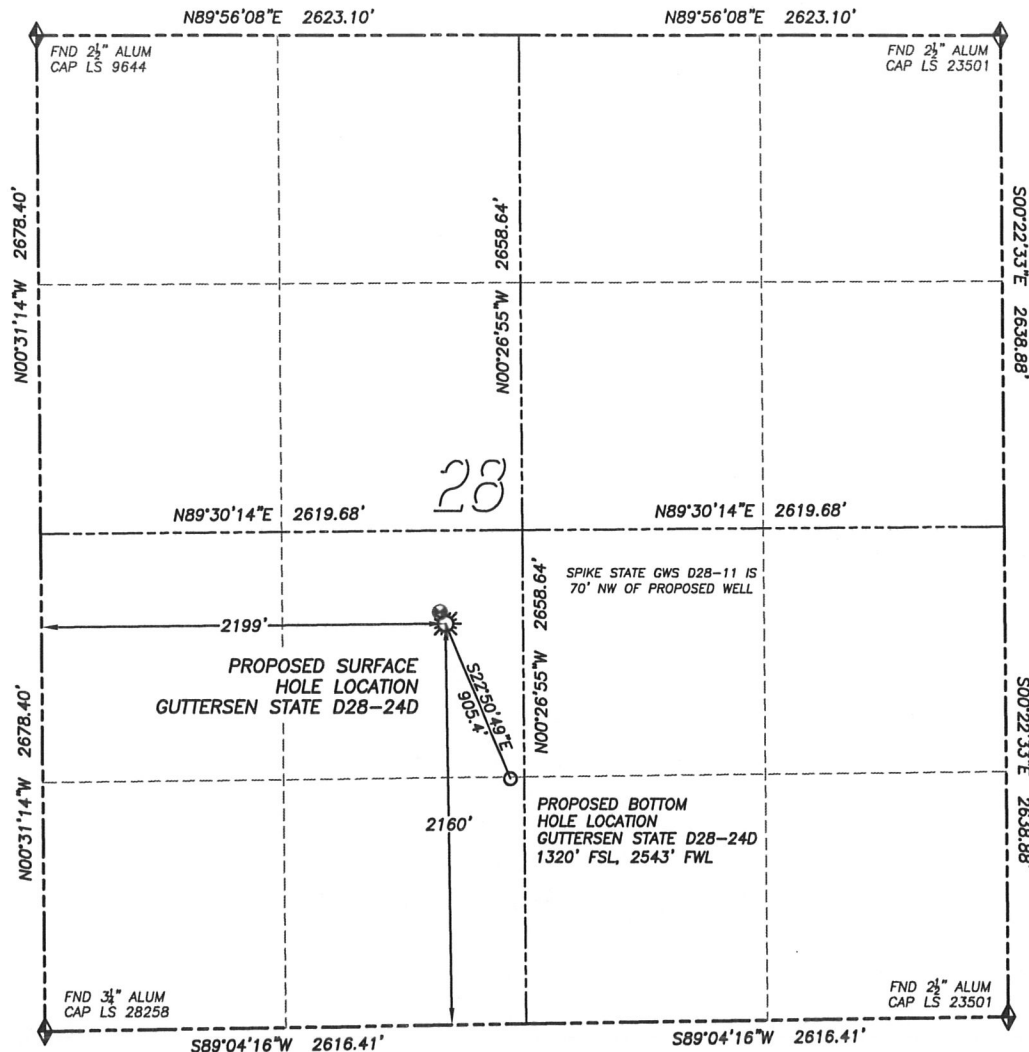


# WELL LOCATION CERTIFICATE

## GUTTERSEN STATE D28-24D

SECTION 28, TOWNSHIP 3 NORTH, RANGE 64 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****GUTTERSEN STATE D28-24D****SURFACE HOLE:**

LATITUDE: N40.19501°  
LONGITUDE: W104.55787°  
ELEVATION: 4799'  
FOOTAGE: 2160' FSL, 2199' FWL  
PDOP: 2.8  
QTR/QTR: NE4/SW4  
PROP LINE: 2160'± SOUTH

**BOTTOM HOLE:**

LATITUDE: N40.19271°  
LONGITUDE: W104.55664°  
FOOTAGE: 1320' FSL, 2543' FWL

**NEAREST EXISTING WELL:**

SPIKE STATE GWS D28-11  
LATITUDE: N40.19518°  
LONGITUDE: W104.55798°  
ELEVATION: 4801'  
70' NORTHWEST

IN ACCORDANCE WITH A REQUEST FROM BRIAN DeROSE OF NOBLE ENERGY INC., DALEY LAND SURVEYING, INC. HAS DETERMINED THE SURFACE LOCATION OF THE GUTTERSEN STATE D28-24D WELL TO BE 2160' FSL, 2199' FWL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES OF SECTION 28, 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 1320' FSL, 2543' FWL.

I HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, THAT THE WORK WAS COMPLETED ON 12/9/2011 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 NORTHWEST CORNER OF SECTION 28, 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: PASTURE.

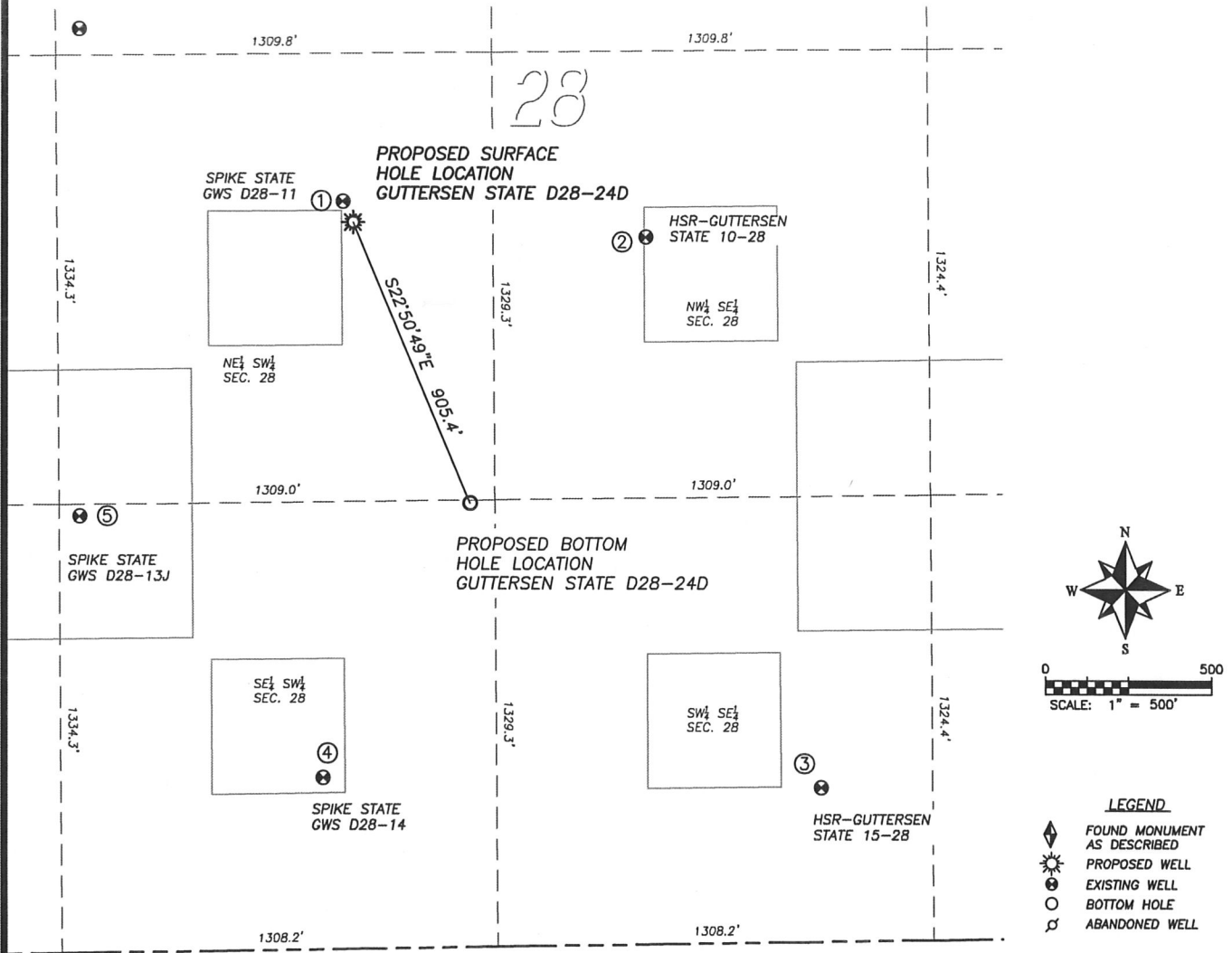
NOTICE: According to Colorado law you MUST commence any legal action based upon any defect in this W.L.C. within three years after you first discover such defect. In no event may any action based upon any such defect in this W.L.C. be commenced more than ten years from the date of the certification shown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



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

## SITE SKETCH GUTTERSEN STATE D28-24D

SECTION 28, TOWNSHIP 3 NORTH, RANGE 64 WEST OF THE 6TH PRINCIPAL MERIDIAN



①

**SPIKE STATE D28-11**  
NE/SW SEC. 28  
2223' FSL, 2168' FWL  
975' NW OF PROPOSED  
BOTTOM HOLE LOCATION  
LAT. N40.19518°  
LONG. W104.55798°  
EL: 4801'  
PDOP 1.6

②

**HSR-GUTTERSEN-  
STATE 10-28**  
NW/SE SEC. 28  
2102' FSL, 2160' FEL  
951' NE OF PROPOSED  
BOTTOM HOLE LOCATION  
LAT. N40.19487°  
LONG. W104.55472°  
EL: 4807'  
PDOP 2.2

③

**HSR-GUTTERSEN-STATE 15-28**  
SW/SE SEC. 28  
458' FSL, 1643' FEL  
1352' SE OF PROPOSED  
BOTTOM HOLE LOCATION  
LAT. N40.19036°  
LONG. W104.55290°  
EL: 4828'  
PDOP 1.8

④

**SPIKE STATE GWS  
D28-14**  
SE/SW SEC. 28  
510' FSL, 2096' FWL  
928' SW OF PROPOSED  
BOTTOM HOLE LOCATION  
LAT. N40.19048°  
LONG. W104.55825°  
EL: 4803'  
PDOP 1.6

⑤

**SPIKE STATE GWS D28-13J**  
SE/SW SEC. 28  
1299' FSL, 1371' FWL  
1173' W OF PROPOSED  
BOTTOM HOLE LOCATION  
LAT. N40.19264°  
LONG. W104.56084°  
EL: 4801'  
PDOP 2.9

## 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