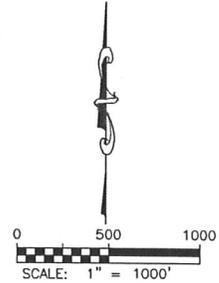
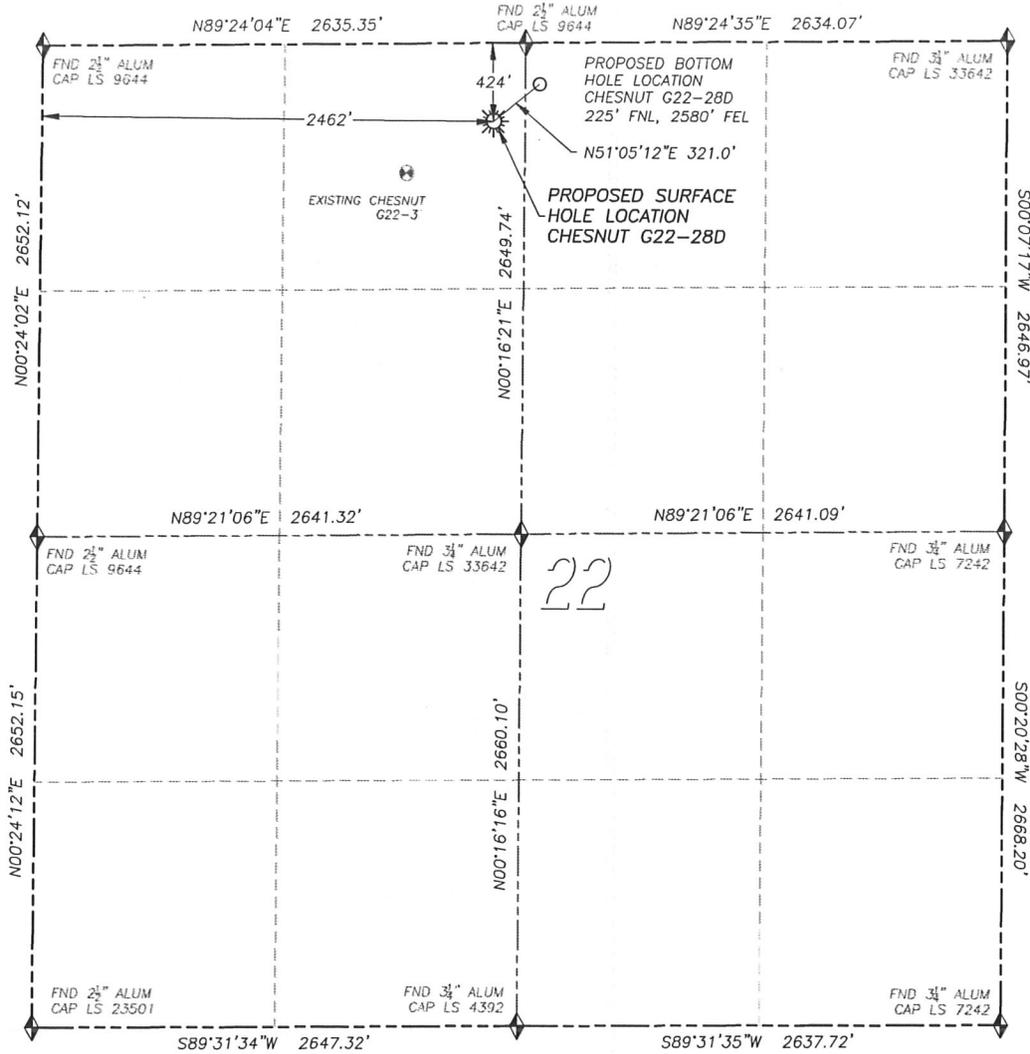


WELL LOCATION CERTIFICATE CHESNUT G22-28D

SECTION 22, TOWNSHIP 4 NORTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN



- LEGEND**
- ◆ FOUND MONUMENT AS DESCRIBED
 - ☀ PROPOSED WELL
 - EXISTING WELL
 - BOTTOM HOLE
 - ⊗ ABANDONED WELL

NAD 83 LATITUDE AND LONGITUDE

CHESNUT G22-28D SURFACE HOLE:

LATITUDE: N40.30400°
 LONGITUDE: W104.64984°
 ELEVATION: 4735'
 FOOTAGE: 424' FNL, 2462' FWL
 PDOP: 1.6
 QTR/QTR: NE4/NW4
 PROP LINE: 174'± EAST

BOTTOM HOLE:

LATITUDE: N40.30455°
 LONGITUDE: W104.64894°
 FOOTAGE: 225' FNL, 2580' FEL

NEAREST EXISTING WELL:

CHESNUT G22-3 SURFACE HOLE
 LATITUDE: N40.30325°
 LONGITUDE: W104.65154°
 ELEVATION: 4744'
 549' SOUTHWEST

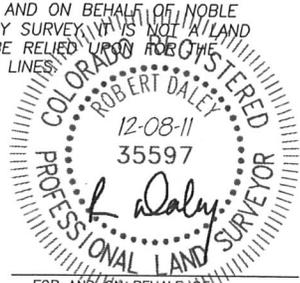
IN ACCORDANCE WITH A REQUEST FROM CJ PIETRI OF NOBLE ENERGY INC., DALEY LAND SURVEYING, INC. HAS DETERMINED THE SURFACE LOCATION OF THE CHESNUT G22-28D WELL TO BE 424' FNL, 2462' FWL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES OF SECTION 22, TOWNSHIP 4 NORTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN, WELD COUNTY, COLORADO. THE BOTTOM HOLE LOCATION, PROVIDED BY THE CLIENT, IS TO BE 225' FNL, 2580' FEL.

I HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, THAT THE WORK WAS COMPLETED ON 12/06/2011 FOR AND ON BEHALF OF NOBLE ENERGY, INC., AND THAT THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY, NOR IS IT 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 NORTHWEST CORNER AND NORTH QUARTER CORNER OF SECTION 22, T.4N., R.65W.
- 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.

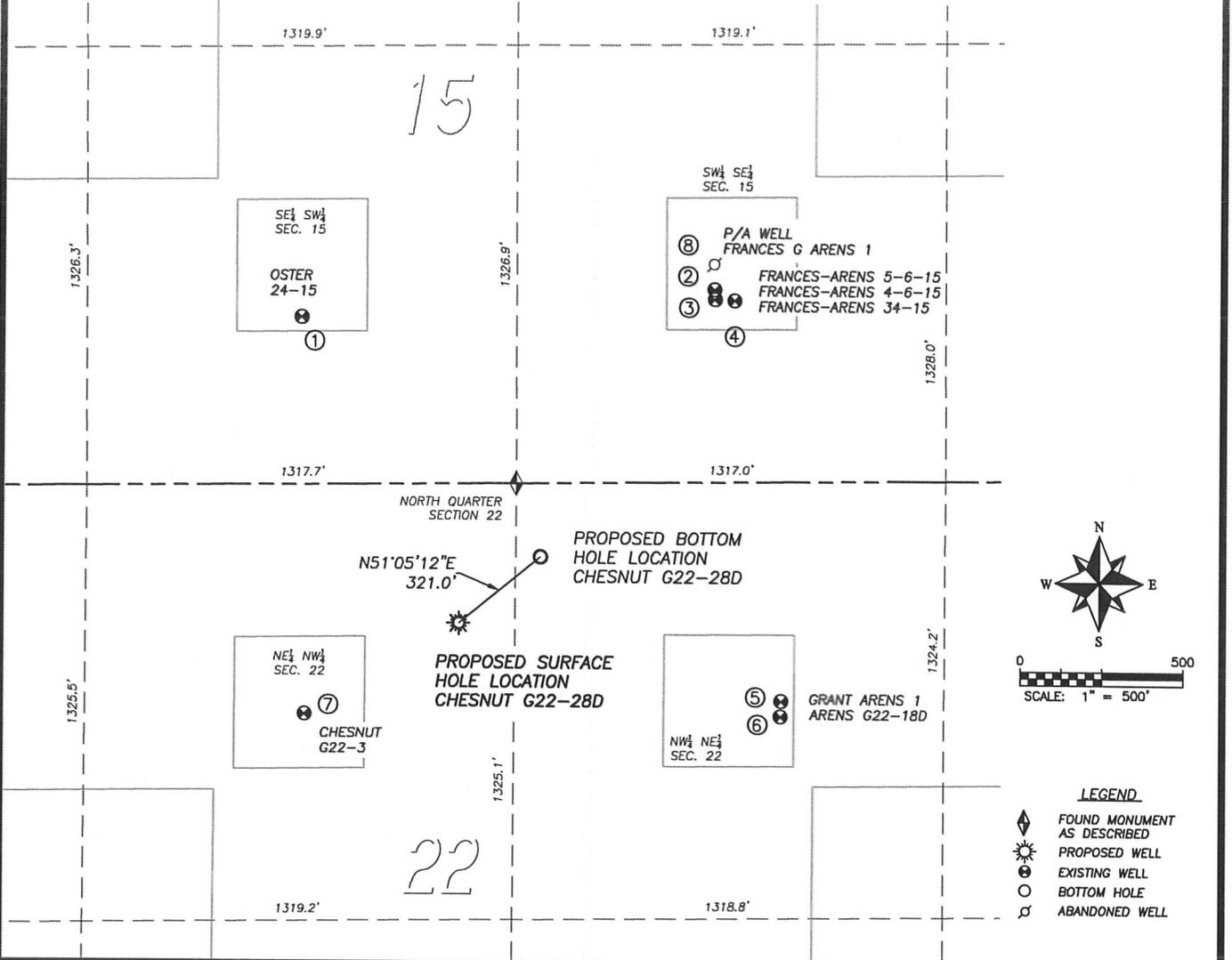
NOTICE: According to Colorado law you MUST commence any legal action based upon any defect in this W.L.C. within three years after you first discover such defect. In no event may any action based upon any such defect in this W.L.C. be commenced more than ten years from the date of the certification shown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



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

SITE SKETCH CHESNUT G22-28D

SECTION 22, TOWNSHIP 4 NORTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN



LEGEND

- FOUND MONUMENT AS DESCRIBED
- PROPOSED WELL
- EXISTING WELL
- BOTTOM HOLE
- ABANDONED WELL

①

OSTER 24-15
SE/SW SEC. 15
506' FSL, 1976' FWL
1033' NW OF PROPOSED
BOTTOM HOLE LOCATION
LAT. N40.30656'
LONG. W104.65155'
EL: 4742'
PDOP 2.5

②

**FRANCES ARENS
5-6-15**
SW/SE SEC. 15
584' FSL, 2029' FEL
972' NE OF PROPOSED
BOTTOM HOLE LOCATION
LAT. N40.30677'
LONG. W104.64701'
EL: 4711'
PDOP 3.2

③

**FRANCES ARENS
4-6-15**
SW/SE SEC. 15
554' FSL, 2028' FEL
948' NE OF PROPOSED
BOTTOM HOLE LOCATION
LAT. N40.30669'
LONG. W104.64700'
EL: 4711'
PDOP 3.2

④

FRANCES ARENS 34-15
SW/SE SEC. 15
551' FSL, 1967' FEL
981' NE OF PROPOSED
BOTTOM HOLE LOCATION
LAT. N40.30668'
LONG. W104.64679'
EL: 4711'
PDOP 3.2

⑤

GRANT ARENS 1
NW/NE SEC. 22
665' FNL, 1818' FEL
858' SE OF PROPOSED
BOTTOM HOLE LOCATION
LAT. N40.30334'
LONG. W104.64630'
EL: 4716'
PDOP 2.9

⑥

ARENS G22-18D
NW/NE SEC. 22
712' FNL, 1820' FEL
881' SE OF PROPOSED
BOTTOM HOLE LOCATION
LAT. N40.30322'
LONG. W104.64631'
EL: 4715'
PDOP 2.8

⑦

CHESNUT G22-3
NE/NW SEC. 22
697' FNL, 1991' FWL
867' SW OF PROPOSED
BOTTOM HOLE LOCATION
LAT. N40.30325'
LONG. W104.65154'
EL: 4744'
PDOP 1.7

⑧

**P/A WELL
FRANCES G ARENS 1**
SW/SE SEC. 15
660' FSL, 2030' FEL
LAT. N40.30669'
LONG. W104.64700'
LOCATION INFORMATION
FROM COGCC DATABASE

- 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