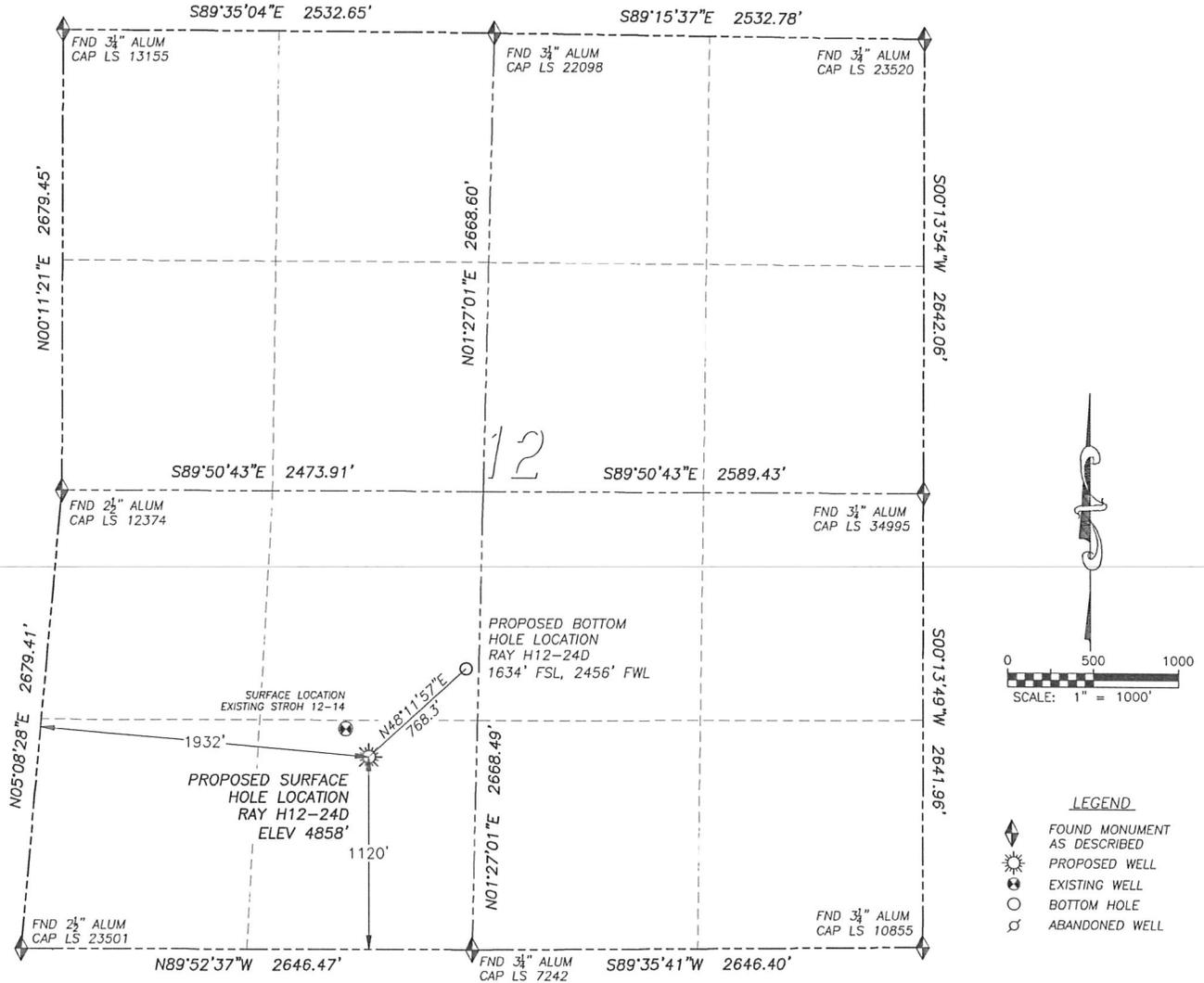


# WELL LOCATION CERTIFICATE

## RAY H12-24D

SECTION 12, TOWNSHIP 3 NORTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN



**NAD 83 LATITUDE AND LONGITUDE**

**RAY H12-24D SURFACE HOLE:**

LATITUDE: N40.23552'  
 LONGITUDE: W104.61424'  
 ELEVATION: 4858'  
 PDOP 1.9  
 1120' FSL, 1932' FWL

**BOTTOM HOLE:**

LATITUDE: N40.23692'  
 LONGITUDE: W104.61217'  
 1634' FSL, 2456' FWL

**NEAREST EXISTING WELL:**

**STROH H12-14 SURFACE HOLE**  
 LATITUDE: N40.23596'  
 LONGITUDE: W104.61473'  
 ELEVATION: 4857'  
 212' NORTHWEST

**QUARTER/QUARTER:** SE4/SW4

**NEAREST APPARENT PROPERTY LINE:**  
 215'± NORTH

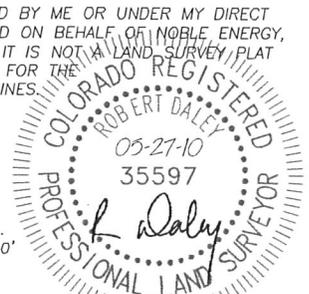
IN ACCORDANCE WITH A REQUEST FROM BRIAN DeROSE OF NOBLE ENERGY INC., DALEY LAND SURVEYING, INC. HAS DETERMINED THE SURFACE LOCATION OF THE RAY H12-24D WELL TO BE 1120' FSL, 1932' FWL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES OF SECTION 12, TOWNSHIP 3 NORTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN, WELD COUNTY, COLORADO. THE BOTTOM HOLE LOCATION, PROVIDED BY THE CLIENT, IS TO BE 1634' FSL, 2456' FWL.

I HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, THAT THE WORK WAS COMPLETED ON 5/26/2010 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:**

- BEARINGS FOR THIS MAP ARE ASSUMED AND BASED UPON GPS OBSERVATIONS MADE BETWEEN MONUMENTS LOCATED AT THE SOUTHWEST CORNER AND WEST QUARTER CORNER OF SECTION 12, T.3N., R.65W.
- HORIZONTAL DATUM IS NAD83.
- VERTICAL DATUM IS NAVD88. ELEVATIONS ARE DERIVED FROM GPS OBSERVATIONS PROCESSED THROUGH OPUS, UTILIZING THE GEOID03 MODEL.
- SEE VISIBLE IMPROVEMENTS EXHIBIT FOR VISIBLE IMPROVEMENTS WITHIN 600' OF PROPOSED SURFACE HOLE LOCATION.
- SURFACE USE: OPEN RANGE LAND.

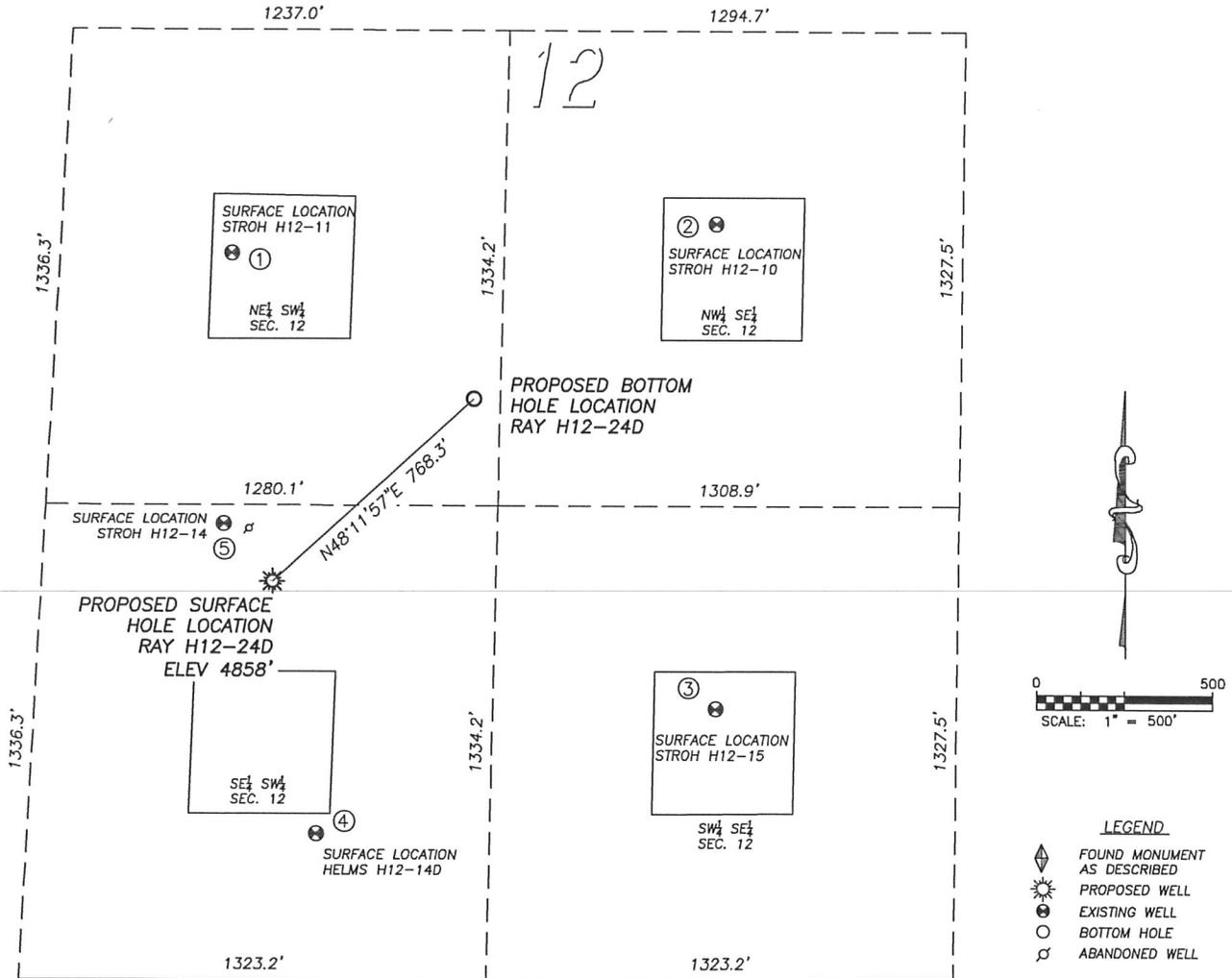
NOTICE: According to Colorado law you MUST commence any legal action based upon any defect in this W.L.C. within three years after you first discover such defect. In no event may any action based upon any such defect in this W.L.C. be commenced more than ten years from the date of the certification shown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



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

# SITE SKETCH RAY H12-24D

SECTION 12, TOWNSHIP 3 NORTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN



①  
**STROH H12-11**  
NE/SW SEC. 12  
2041' FSL, 1735' FWL  
800' NW OF PROPOSED  
BOTTOM HOLE LOCATION  
LAT. N40.23804°  
LONG. W104.61465°  
EL: 4865'  
PDOP 2.6

②  
**STROH H12-10**  
NW/SE SEC. 12  
2121' FSL, 2001' FEL  
845' NE OF PROPOSED  
BOTTOM HOLE LOCATION  
LAT. N40.23827°  
LONG. W104.60973°  
EL: 4866'  
PDOP 2.3

③  
**STROH H12-15**  
SW/SE SEC. 12  
760' FSL, 1999' FEL  
1106' SE OF PROPOSED  
BOTTOM HOLE LOCATION  
LAT. N40.23454°  
LONG. W104.60974°  
EL: 4867'  
PDOP 2.3

④  
**HELMS H12-14D**  
SE/SW SEC. 12  
411' FSL, 2118' FWL  
1302' SW OF PROPOSED  
BOTTOM HOLE LOCATION  
LAT. N40.23357°  
LONG. W104.61380°  
EL: 4859'  
PDOP 1.9

⑤  
**STROH H12-14**  
SE/SW SEC. 12  
1281' FSL, 1781' FWL  
792' SW OF PROPOSED  
BOTTOM HOLE LOCATION  
LAT. N40.23596°  
LONG. W104.61473°  
EL: 4857'  
PDOP 1.9

NOTES:

- 1) THIS DOES NOT REPRESENT A BOUNDARY SURVEY
- 2) THE LATITUDES AND LONGITUDES SHOWN ARE REFERENCED TO NAD83
- 3) DATUM FOR ELEVATION IS NAVD88. ELEVATIONS ARE DERIVED FROM GPS-RTK OBSERVATIONS PROCESSED THROUGH OPUS, UTILIZING THE GEOID03 MODEL.