

DALEY LAND SURVEYING, INC.

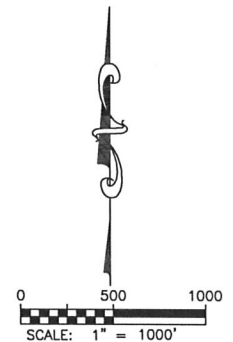
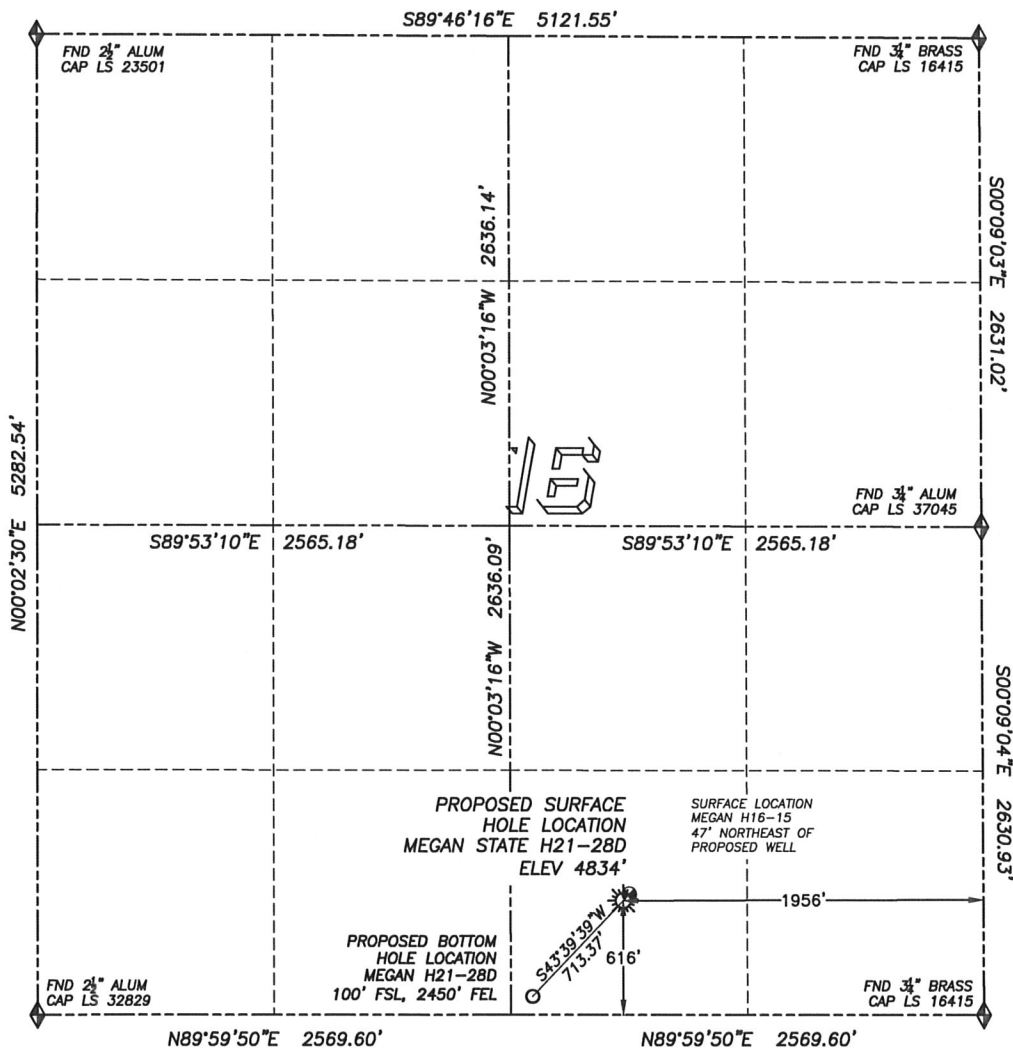
PARKER, CO. 80134

303 953 9841

WELL LOCATION CERTIFICATE

MEGAN STATE H21-28D

SECTION 16, TOWNSHIP 3 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**MEGAN STATE H21-28D****SURFACE HOLE:**

LATITUDE: N40.21985°
 LONGITUDE: W104.66637°
 ELEVATION: 4834'
 PDOP 1.6

616' FSL, 1956' FEL

BOTTOM HOLE:

LATITUDE: N40.21845°
 LONGITUDE: W104.66813°
 100' FSL, 2450' FEL

NEAREST EXISTING WELL:

MEGAN H16-15 SURFACE HOLE
 LATITUDE: N40.21995°
 LONGITUDE: W104.66625°
 ELEVATION: 4833'

47' NORTHEAST

QUARTER/QUARTER: SW4/SE4

NEAREST APPARENT PROPERTY LINE:
 586'± SOUTH

IN ACCORDANCE WITH A REQUEST FROM JOE JOHNSON OF NOBLE ENERGY INC., DALEY LAND SURVEYING, INC. HAS DETERMINED THE SURFACE LOCATION OF THE MEGAN STATE H21-28D WELL TO BE 616' FSL, 1956' FEL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES OF SECTION 16, 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 100' FSL, 2450' FEL OF SEC. 16.

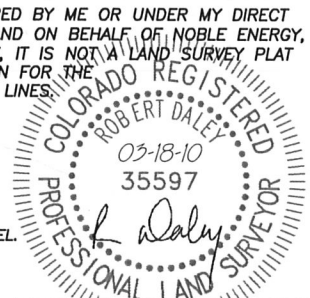
I HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, THAT THE WORK WAS COMPLETED ON 3/17/2010 FOR AND ON BEHALF OF NOBLE ENERGY, INC., AND THAT THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY, IT IS NOT A LAND SURVEY PLAT OR AN IMPROVEMENT SURVEY PLAT AND IT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF FENCE, BUILDING OR OTHER FUTURE IMPROVEMENT LINES.

NOTES:

- 1) BEARINGS FOR THIS MAP ARE ASSUMED AND BASED UPON GPS OBSERVATIONS MADE BETWEEN MONUMENTS LOCATED AT THE SOUTHEAST AND EAST QUARTER CORNERS OF SECTION 16, T.3N., R.65W.
- 2) HORIZONTAL DATUM IS NAD83.
- 3) VERTICAL DATUM IS NAVD88. ELEVATIONS ARE DERIVED FROM GPS OBSERVATIONS PROCESSED THROUGH OPUS, UTILIZING THE GEOID03 MODEL.
- 4) SEE VISIBLE IMPROVEMENTS EXHIBIT FOR VISIBLE IMPROVEMENTS WITHIN 600' OF PROPOSED SURFACE HOLE LOCATION.
- 5) SURFACE USE: OPEN RANGE LAND.

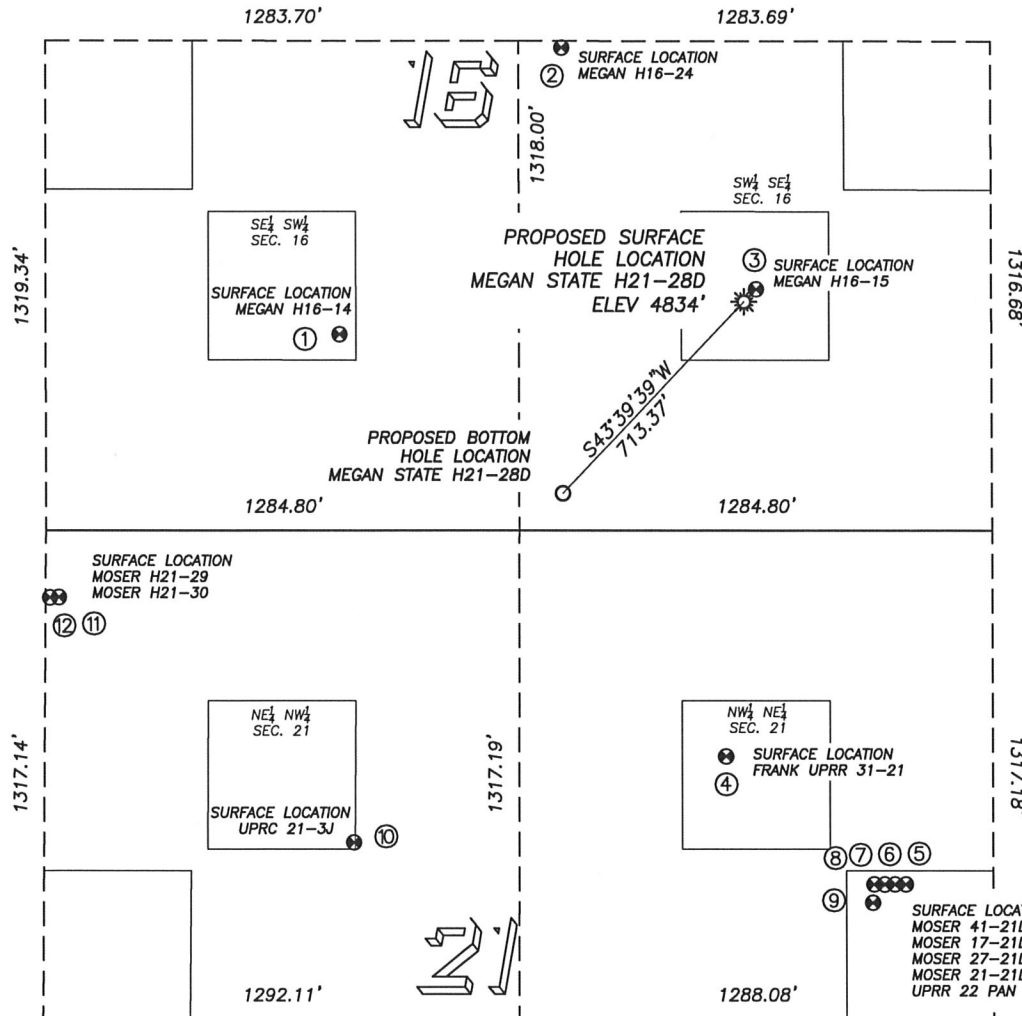
NOTICE: According to Colorado law you MUST commence any legal action based upon any defect in this W.L.C. within three years after you first discover such defect. In no event may any action based upon any such defect in this W.L.C. be commenced more than ten years from the date of the certification shown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

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



SITE SKETCH MEGAN STATE H21-28D

SECTION 16, TOWNSHIP 3 NORTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN



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.

0 500
SCALE: 1" = 500'

LEGEND

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

<p>① MEGAN H16-14 SE/SW SEC. 16 528' FSL, 2082' FWL 742' NW OF PROPOSED BOTTOM HOLE LOCATION LAT. N40.21962° LONG. W104.67030° EL: 4836' PDOP 1.8</p>	<p>② MEGAN H16-24 SW/SE SEC. 16 1300' FSL, 2450' FEL 1200' N OF PROPOSED BOTTOM HOLE LOCATION LAT. N40.22174° LONG. W104.66814° EL: 4838' PDOP 1.9</p>	<p>③ MEGAN H16-15 SW/SE SEC. 16 650' FSL, 1923' FEL 760' NE OF PROPOSED BOTTOM HOLE LOCATION LAT. N40.21995° LONG. W104.66625° EL: 4833' PDOP 1.8</p>	<p>④ FRANK UPRR 31-21 NW/NE SEC. 21 609' FNL, 2011' FEL 834' SE OF PROPOSED BOTTOM HOLE LOCATION LAT. N40.21650° LONG. W104.66655° EL: 4827' PDOP 3.6</p>	<p>⑤ MOSER 41-21D NW/NE SEC. 21 954' FNL, 1525' FEL 1404' SE OF PROPOSED BOTTOM HOLE LOCATION LAT. N40.21555° LONG. W104.66481° EL: 4828' PDOP 2.0</p>	<p>⑥ MOSER 17-21D NW/NE SEC. 21 954' FNL, 1555' FEL 1385' SE OF PROPOSED BOTTOM HOLE LOCATION LAT. N40.21555° LONG. W104.66491° EL: 4828' PDOP 2.0</p>
<p>⑦ MOSER 27-21D NW/NE SEC. 21 954' FNL, 1583' FEL 1367' SE OF PROPOSED BOTTOM HOLE LOCATION LAT. N40.21555° LONG. W104.66501° EL: 4828' PDOP 1.8</p>	<p>⑧ MOSER 21-21D NW/NE SEC. 21 954' FNL, 1612' FEL 1349' SE OF PROPOSED BOTTOM HOLE LOCATION LAT. N40.21555° LONG. W104.66512° EL: 4828' PDOP 1.4</p>	<p>⑨ UPRR 22 PAN AM U 1 NW/NE SEC. 21 1003' FNL, 1615' FEL 1386' SE OF PROPOSED BOTTOM HOLE LOCATION LAT. N40.21542° LONG. W104.66513° EL: 4828' PDOP 2.0</p>	<p>⑩ UPRC 21-3J NE/NW SEC. 21 841' FNL, 2130' FWL 1100' SW OF PROPOSED BOTTOM HOLE LOCATION LAT. N40.21586° LONG. W104.67017° EL: 4840' PDOP 1.6</p>	<p>⑪ MOSER H21-29 NE/NW SEC. 21 179' FNL, 1316' FWL 1397' SW OF PROPOSED BOTTOM HOLE LOCATION LAT. N40.21768° LONG. W104.67303° EL: 4849° PDOP 1.4</p>	<p>⑫ MOSER H21-30 NE/NW SEC. 21 180' FNL, 1298' FWL 1422' SW OF PROPOSED BOTTOM HOLE LOCATION LAT. N40.21768° LONG. W104.67312° EL: 4849° PDOP 1.4</p>