

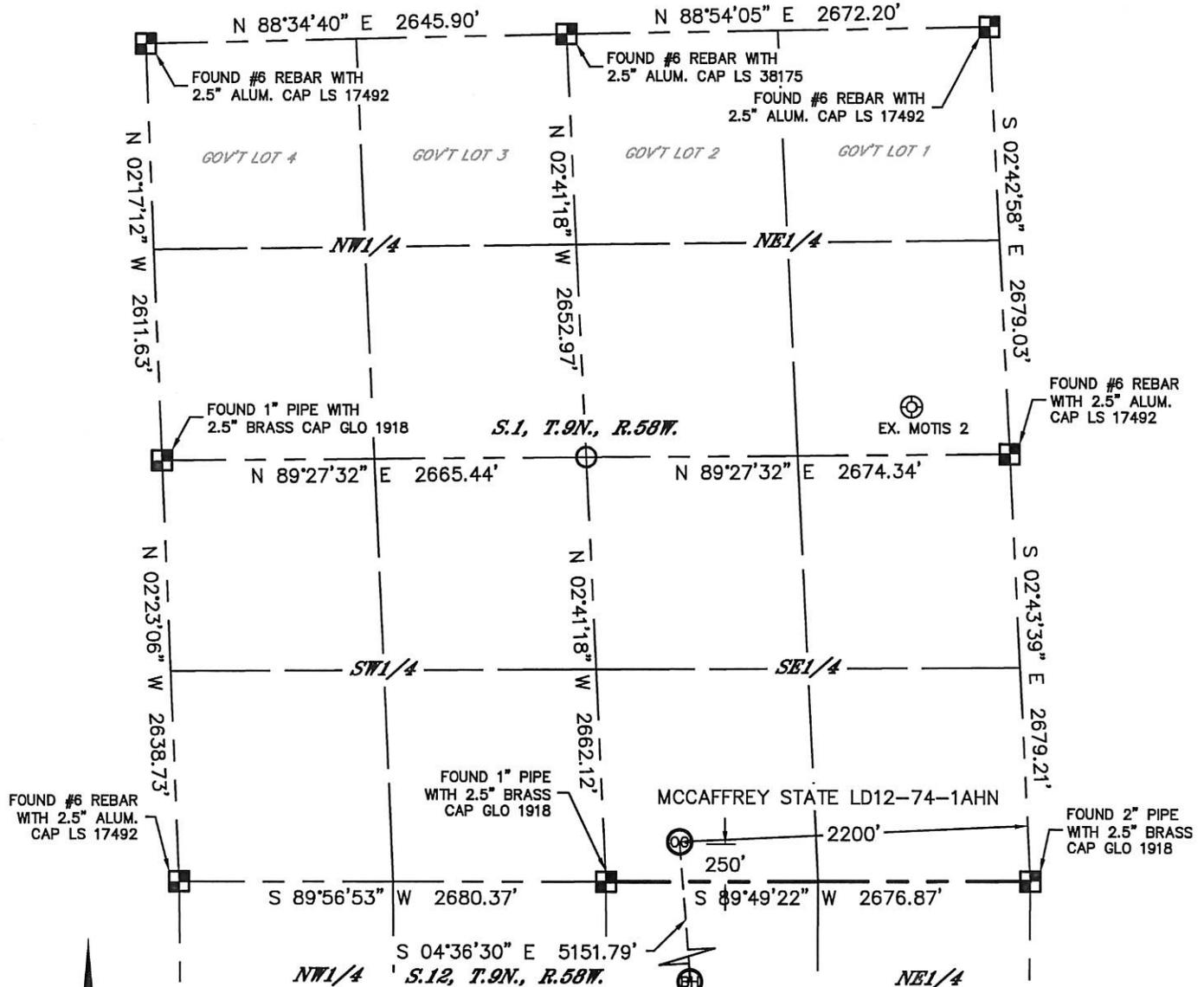


Lat40°, Inc. 1635 Foxtrail Drive, Suite 325 Loveland, CO 970-776-3321

# WELL LOCATION CERTIFICATE

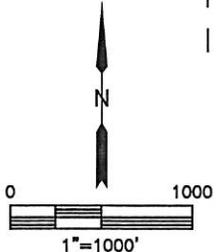
THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 1  
TOWNSHIP: 9N  
RANGE: 58W



In accordance with a request from Brian James with Noble Energy Inc., Lat40°, Inc. has determined the surface location of the MCCAFFREY STATE LD12-74-1AHN to be 250' from the SOUTH line and 2200' from the EAST line as measured at right angles from the section lines of Section 1, Township 9 North, Range 58 West and the bottom hole to be 330' from the SOUTH line and 1760' from the EAST line as measured at right angles from the section lines of Section 12, Township 9 North, Range 58 West of the Sixth Principal Meridian, County of Weld, State of Colorado.

I hereby state that this Well Location Certificate was prepared by me, or under my direct supervision, that the fieldwork was completed on 9/9/2013, for and on behalf of Noble Energy Inc. That this is not a Land Survey Plat or an Improvement Survey Plat, and that it is not to be relied upon for establishment of fence, building, or other future improvement lines.



- NOTE:
- 1) Bearings shown are Grid Bearings of the Colorado State Plane Coordinate System, North Zone, North American Datum 1983/2007. The lineal dimensions as contained herein are based upon the "U.S. Survey Foot."
  - 2) Ground elevations are based on an observed GPS elevation (NAVD 1988 DATUM).
  - 3) IMPROVEMENTS: See LOCATION DRAWING for all visible improvements within 500' of disturbed area.
  - 4) SURFACE USE: RANGELAND
  - 5) INSTRUMENT OPERATOR: BRIAN ROTTINGHAUS
  - 6) NEAREST EXISTING WELL: MOTIS 2, 3096' NE  
NEAREST CULTURAL ITEMS:  
BUILDING: 5280'+  
BUILDING UNIT: 5280'+  
HIGH OCCUPANCY BUILDING UNIT: 5280'+  
DESIGNATED OUTSIDE ACTIVITY AREA: 5280'+  
PUBLIC ROAD: 5280'+  
ABOVEGROUND UTILITY: 5280'+  
RAILROAD: 5280'+  
PROPERTY LINE: 250' S

**SURFACE LOCATION**  
LAT: 40.77390N  
LONG: 103.81026W  
PDOP: 1.7  
ELEV: 4633'  
1/4,1/4: SW1/4SE1/4

**BOTTOM HOLE**  
LAT: 40.75979N  
LONG: 103.80912W

- LEGEND
- = ALIQUOT MONUMENT AS DESCRIBED
  - = CALCULATED POSITION



**SHEET 1 OF 2**  
Kyle E. Rutz—On behalf of Lat40°, Inc.  
Colorado Licensed Professional Land Surveyor No. 38307  
DATE: 7/7/2014  
PROJECT#: 2013115



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*S.1, T.9N., R.58W.*

*SW1/4*

*SE1/4*

FOUND #6 REBAR  
WITH 2.5" ALUM.  
CAP LS 17492

MCCAFFREY STATE LD12-74-1AHN

N 89°56'53" E 2680.37'

N 89°49'22" E 2676.87'

FOUND 1" PIPE WITH  
2.5" BRASS CAP GLO 1918

FOUND 2" PIPE WITH  
2.5" BRASS CAP GLO 1918

N 00°44'09" W 2638.29'

N 00°08'30" W 2614.20'

S 00°27'44" W 2596.28'

*NW1/4*

*NE1/4*

-10' WITNESS CORNER-  
FOUND #6 REBAR  
WITH 2.5" ALUM.  
CAP LS 28285

*S.12, T.9N., R.58W.*

FOUND 1" IRON  
PIPE WITH  
2.5" BRASS CAP  
GLO 1917

N 89°25'54" E 2653.08'

N 89°25'54" E 2649.58'

N 00°44'27" W 2638.63'

N 00°08'30" W 2615.64'

S 00°29'03" W 2593.27'

*SW1/4*

*SE1/4*

FOUND 2" PIPE WITH  
2.5" BRASS CAP GLO

FOUND 1" IRON PIPE WITH  
2.5" BRASS CAP GLO 1918

FOUND 2" IRON PIPE WITH  
2.5" BRASS CAP GLO 1917

S 88°56'00" W 2625.94'

S 88°56'06" W 2621.52'



### LEGEND

- = ALIQUOT MONUMENT AS DESCRIBED
- = CALCULATED POSITION



**SHEET 2 OF 2**

Kyle E. Rutz—On behalf of Lat40, Inc.  
Colorado Licensed Professional  
Land Surveyor No. 38307

DATE: 7/7/2014  
PROJECT#: 2013115

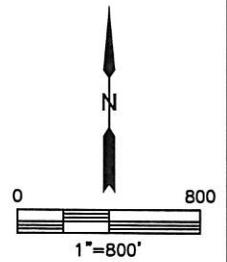
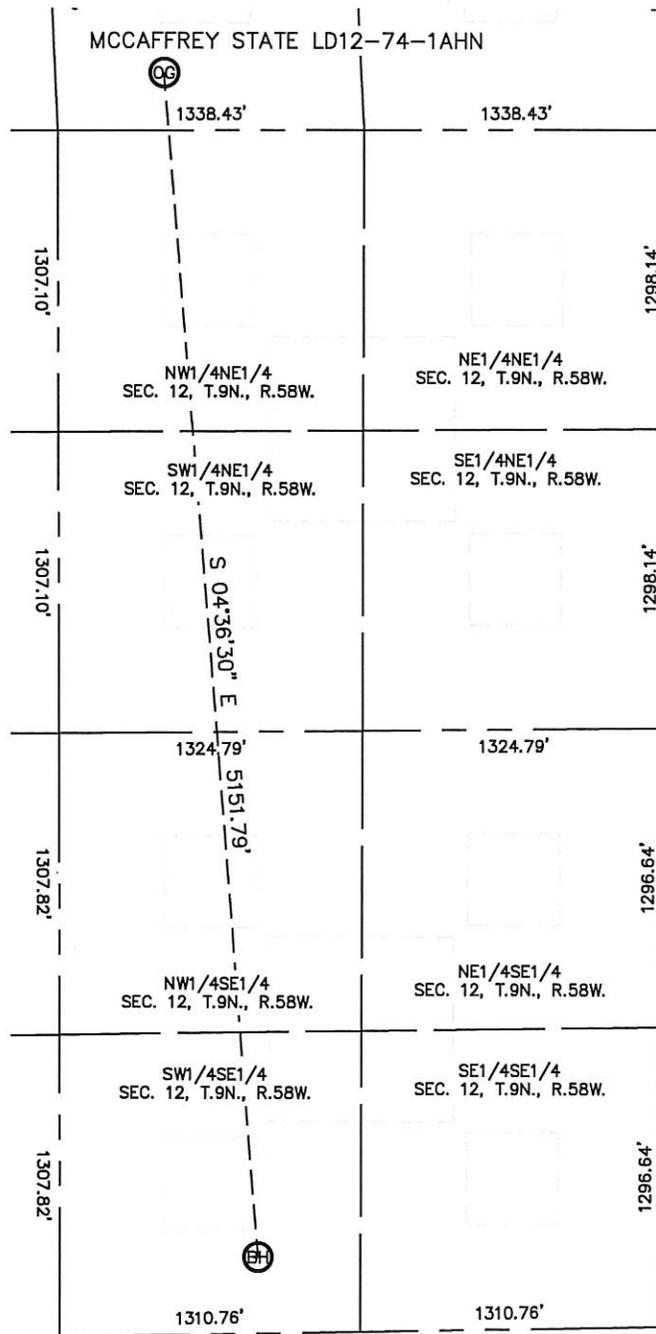


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# SITE SKETCH

## MCCAFFREY STATE LD12-74-1AHN

SECTION: 1  
TOWNSHIP: 9N  
RANGE: 58W



NOTE: NO EXISTING WELLS ADJACENT TO PROPOSED WELL BORE.

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