



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

# WELL LOCATION CERTIFICATE

SECTION: 1  
TOWNSHIP: 9N  
RANGE: 58W

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

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

SW1/4

S.36, T.10N., R.58W.

SE1/4

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

FOUND #6 REBAR WITH  
2.5" ALUM. CAP LS 38175

GOV'T LOT 4

GOV'T LOT 3

GOV'T LOT 2

GOV'T LOT 1

NW1/4

NE1/4

FOUND 1" PIPE  
WITH 2.5" BRASS  
CAP GLO 1918

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

EX. MOTIS 2

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

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

MECKLENBURG STATE  
LD01-73HN

FOUND 1" PIPE WITH  
2.5" BRASS CAP GLO 1918

FOUND 2" PIPE WITH  
2.5" BRASS CAP GLO 1918

In accordance with a request from Brian James with Noble Energy Inc., Lat40°, Inc. has determined the surface location of the MECKLENBURG STATE LD01-73HN to be 400' from the SOUTH line and 1227' 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 810' from the NORTH line and 1320' from the EAST line as measured at right angles from the section lines of Section 36, Township 10 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 9/4/2013, 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, 2622' 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: 400' S

**SURFACE LOCATION**  
LAT: 40.77427°N  
LONG: 103.80676°W  
PDOP: 2.0  
ELEV: 4651'  
1/4, 1/4: SE1/4SE1/4

**BOTTOM HOLE**  
LAT: 40.80029°N  
LONG: 103.80784°W

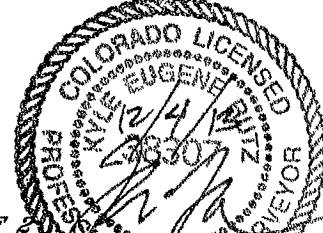
## LEGEND

- = 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: 12/10/2013  
PROJECT#: 2013115



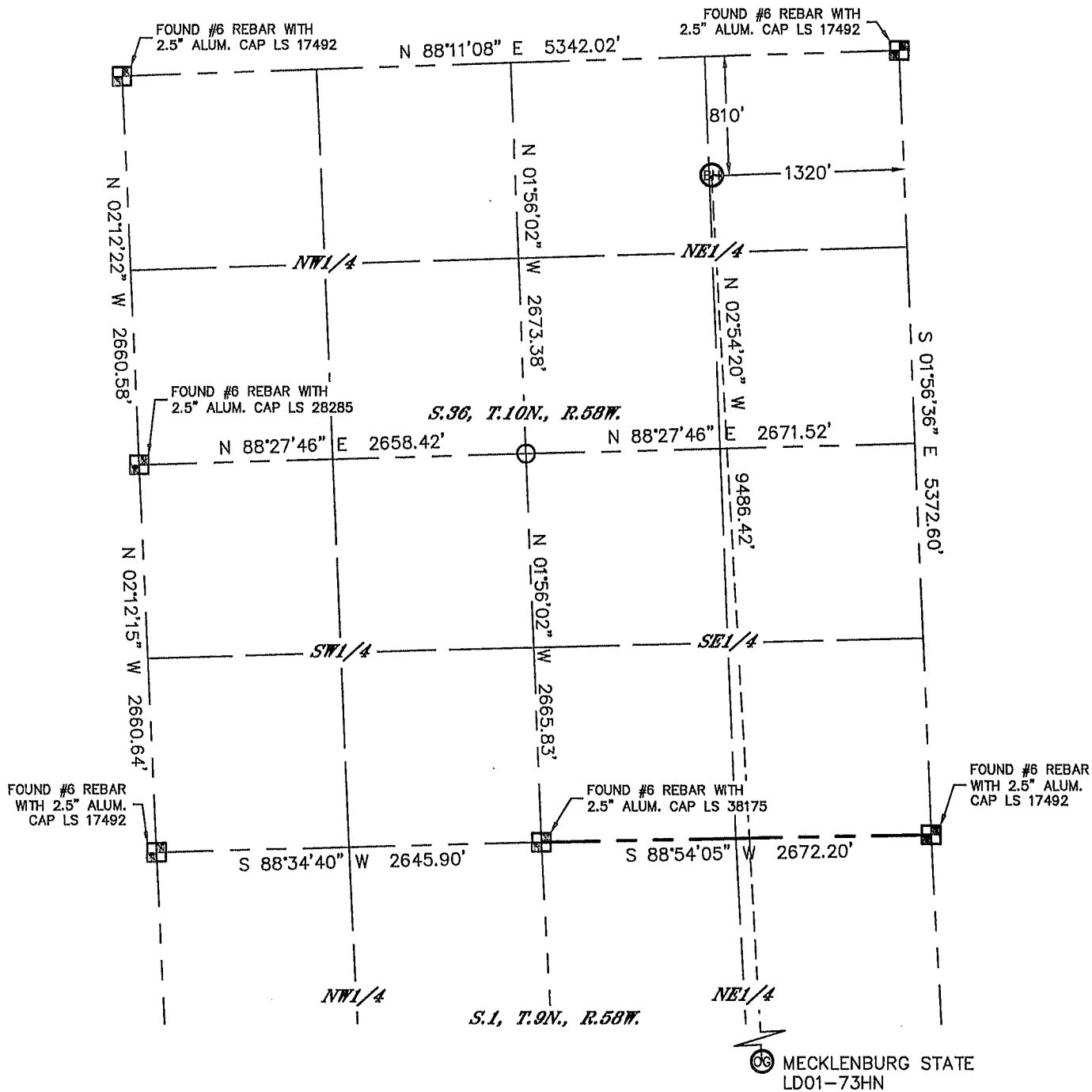


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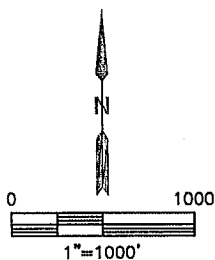
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MECKLENBURG STATE  
LD01-73HN



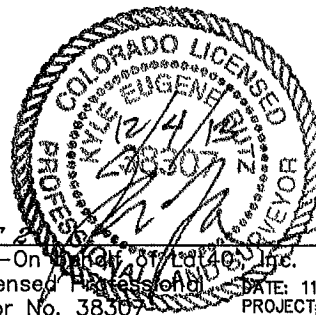
## LEGEND

-  = ALIQUOT MONUMENT AS DESCRIBED
-  = CALCULATED POSITION

SHEET 2 OF 2

Kyle E. Rutz-On 01/31/2013  
Colorado Licensed Professional Land Surveyor No. 38307

DATE: 11/21/2013  
PROJECT#: 2013115



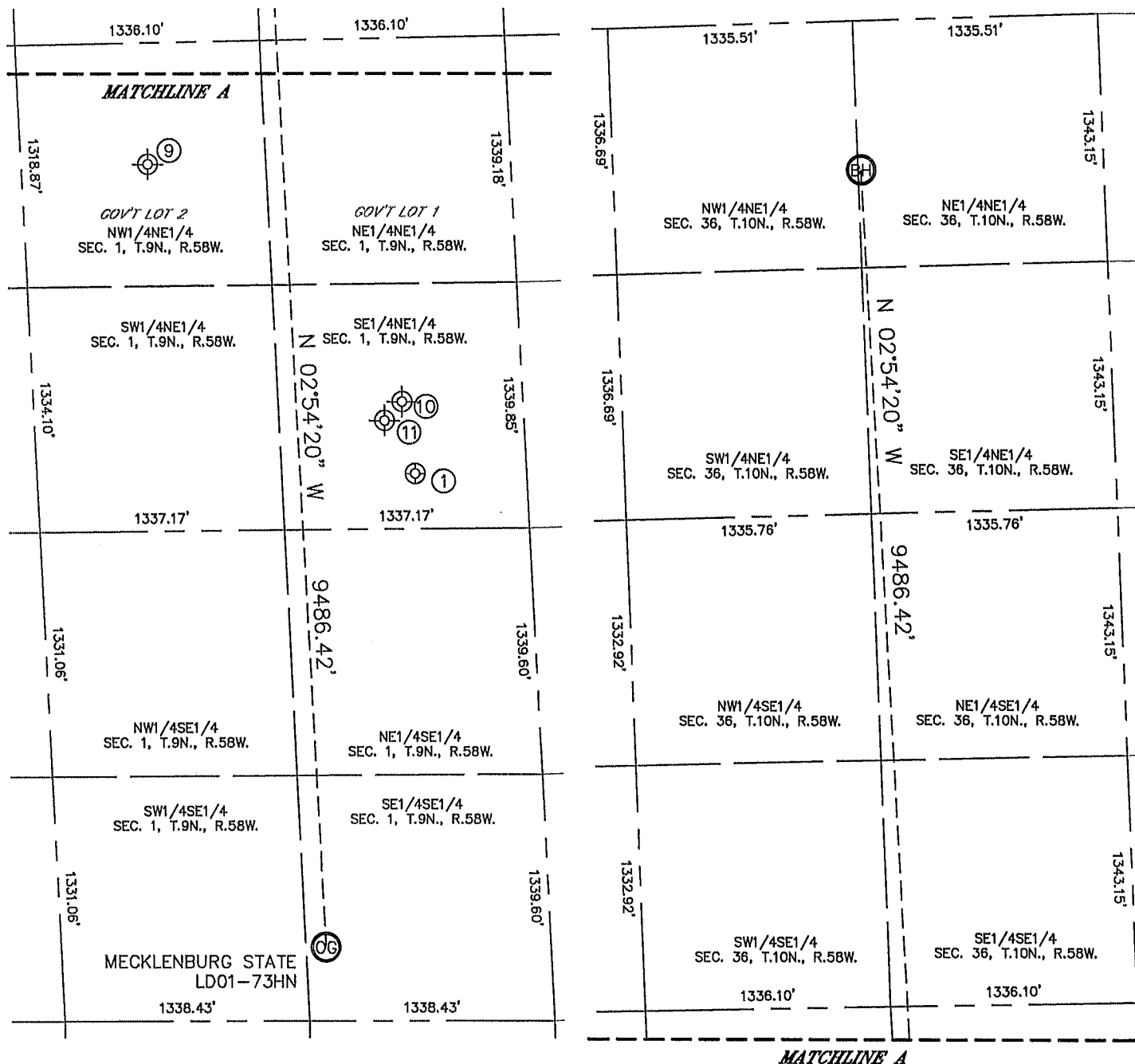


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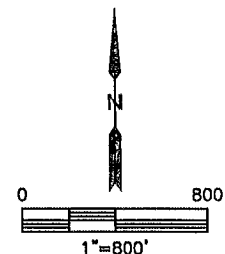
# SITE SKETCH

MECKLENBURG STATE LD01-73HN

SECTION: 1  
TOWNSHIP: 9N  
RANGE: 58W



WELL NO.	WELL NAME	SHL FOOTAGE				SHL LAT°	SHL LONG°	PDOP	ELEV (FT.)	1/4/1/4
1	MOTIS 2	2372	FNL	607	FEL	40.78131	-103.80479	1.6	4667	SENE
9	MOTIS 1	660	FNL	1980	FEL	40.78599	-103.80991	NA	4670	NWNE
10	MOTIS 1	1980	FNL	660	FEL	40.78238	-103.80504	NA	4665	SENE
11	KUHN 1	2080	FNL	760	FEL	40.78210	-103.80539	NA	NA	SENE



NOTE: THE ABANDONED WELL DATA SHOWN IN RED ABOVE WAS OBTAINED FROM COGCC SCOUT CARDS.

DATE: 12/4/2013  
PROJECT#: 2013115