

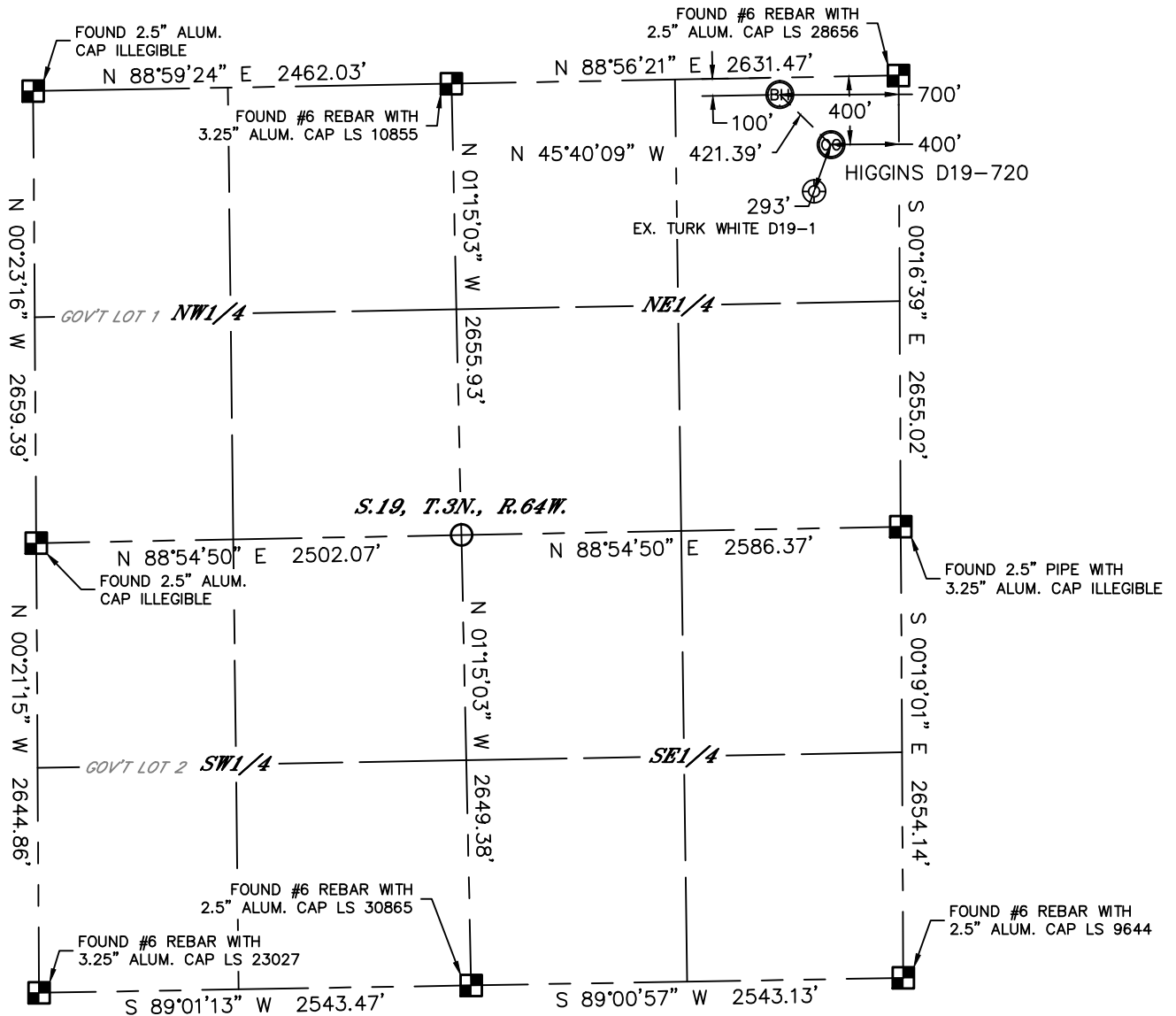


Lat40°, Inc. 1635 Foxtrail Drive, Suite 325 Loveland, CO 970-776-3321

# WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 19  
TOWNSHIP: 3N  
RANGE: 64W



In accordance with a request from Matt Verbit with Noble Energy Inc.

Lat40°, Inc. has determined the surface location of the HIGGINS D19-720 to be 400' from the NORTH line and 400' from the EAST line and the pilot bottom hole to be 100' from the NORTH line and 700' from the EAST line as measured at right angles from the section lines of Section 19, Township 3 North, Range 64 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 5/15/2014, 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: TURK WHITE D19-1, 293' SW
- NEAREST CULTURAL ITEMS:  
BUILDING: 865' SW  
BUILDING UNIT: ±2097' NW  
HIGH OCCUPANCY BUILDING UNIT: 5280'+  
DESIGNATED OUTSIDE ACTIVITY AREA: 5280'+  
PUBLIC ROAD: 388' N (CR 32)  
ABOVEGROUND UTILITY: 399' E  
RAILROAD: 5280'+  
PROPERTY LINE: 400' N

#### SURFACE LOCATION

LAT: 40.21695°N  
LONG: 104.58587°W  
PDOP: 2.8  
ELEV: 4772'  
1/4,1/4: NENE

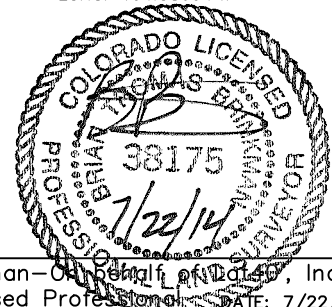
#### PILOT BOTTOM HOLE

LAT: 40.21777°N  
LONG: 104.58694°W

#### LEGEND

- = ALIQUOT MONUMENT AS DESCRIBED  
○ = CALCULATED POSITION

Brian T. Brinkman—On behalf of Lat40°, Inc.  
Colorado Licensed Professional Land Surveyor No. 38175  
DATE: 7/22/2014  
PROJECT#: 2014074



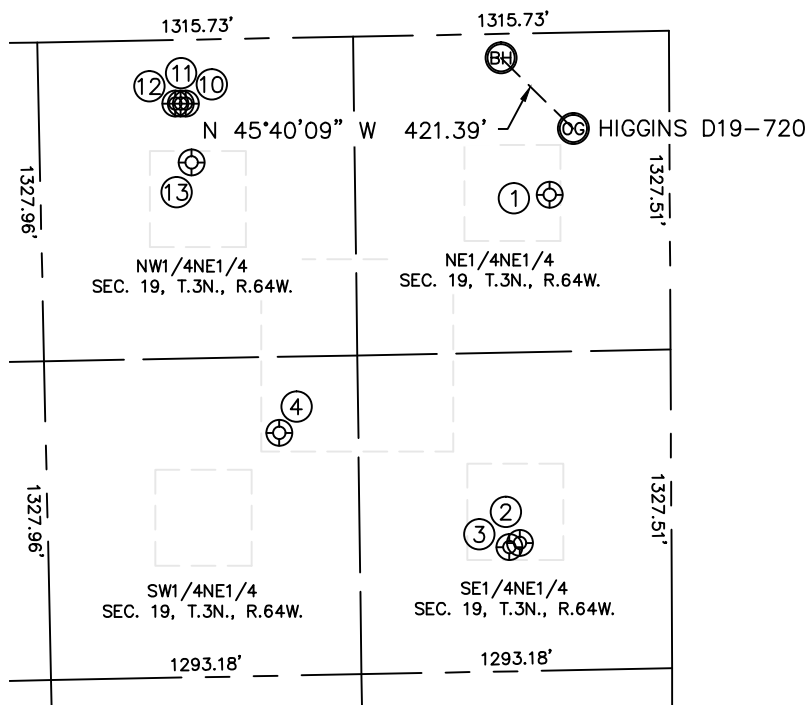


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# SITE SKETCH

HIGGINS D19-720

SECTION: 19  
TOWNSHIP: 3N  
RANGE: 64W



WELL NO.	WELL NAME	SHL FOOTAGE				SHL LAT°	SHL LONG°	PDOP	ELEV (FT.)	1/4/1/4
1	TURK WHITE D19-1	673	FNL	500	FEL	40.21620	-104.58624	1.9	4772	NENE
2	TURK WHITE D19-8	2122	FNL	631	FEL	40.21222	-104.58674	2.0	4771	SENE
3	BUTTERBALL D19-22D	2137	FNL	675	FEL	40.21218	-104.58689	2.1	4771	SENE
4	MILE HIGH 2-19-1	1645	FNL	1631	FEL	40.21351	-104.59031	2.2	4773	SWNE
10	BUTTERBALL D18-75HN	266	FNL	2013	FEL	40.21728	-104.59165	2.5	4776	NWNE
11	BUTTERBALL D19-75HN	266	FNL	2035	FEL	40.21728	-104.59173	2.5	4776	NWNE
12	BUTTERBALL H24-69HN	265	FNL	2057	FEL	40.21728	-104.59180	2.5	4776	NWNE
13	TURK WHITE D19-2	512	FNL	1991	FEL	40.21661	-104.59157	2.5	4773	NWNE

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