

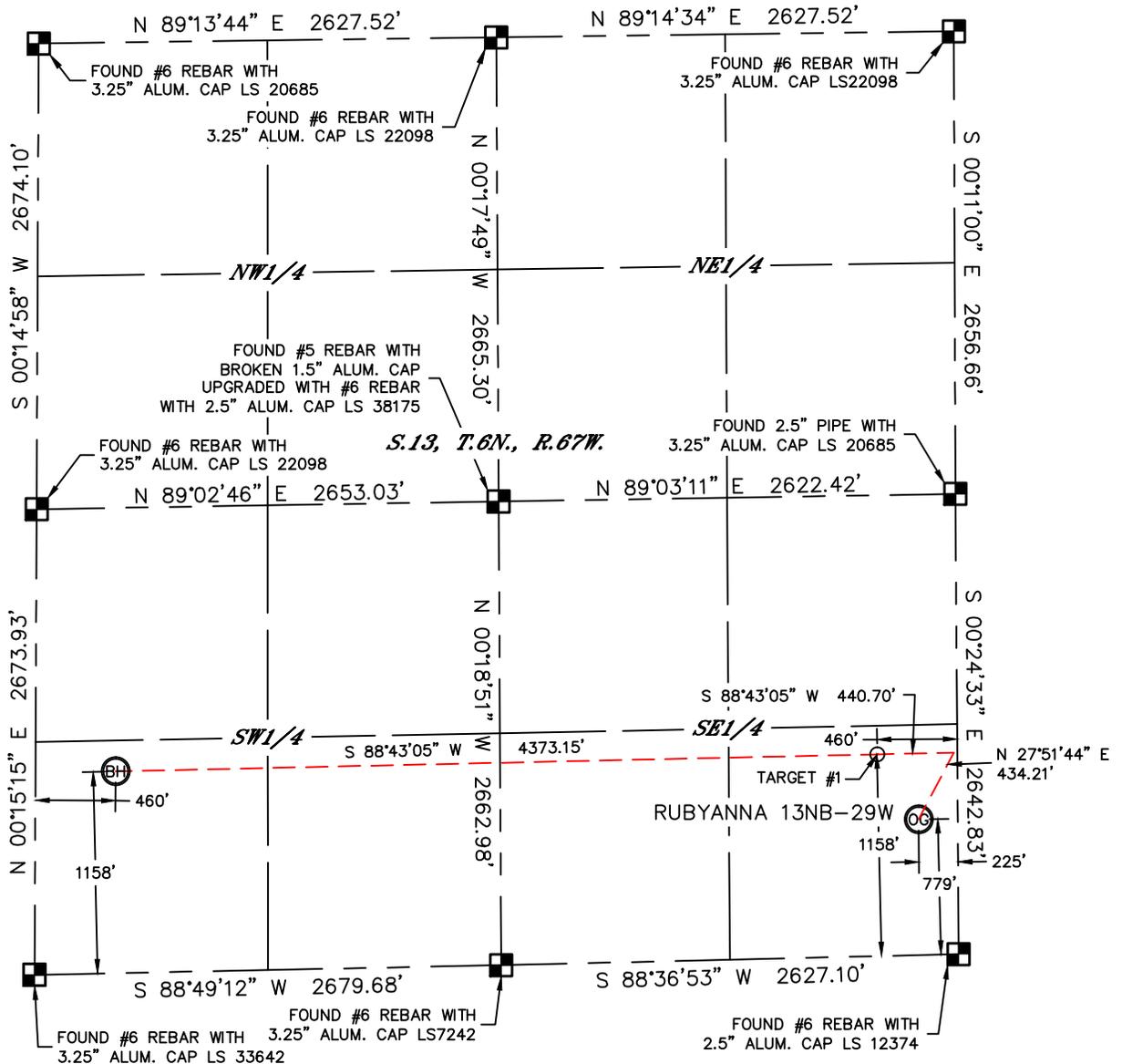


Lat40°, Inc. 1635 Foxtrail Drive, Suite 325 Loveland, CO 970-776-3321

# WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 13  
TOWNSHIP: 6N  
RANGE: 67W



In accordance with a request from Clay Duke with EXTRACTION OIL & GAS Lat40°, Inc. has determined the surface location of the RUBYANNA 13NB-29W to be 779' from the SOUTH line and 225' from the EAST line and the bottom hole to be 1158' from the SOUTH line and 460' from the WEST line as measured at right angles from the section lines of Section 13, Township 6 North, Range 67 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 11/14/2013, for and on behalf of EXTRACTION OIL & GAS. 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: CROPLAND
  - 5) INSTRUMENT OPERATOR: BRIAN ROTTINGHAUS
- NEAREST CULTURAL ITEMS:  
BUILDING: 509' SE  
BUILDING UNIT: 637' SE  
HIGH OCCUPANCY BUILDING UNIT: 1001'+  
DESIGNATED OUTSIDE ACTIVITY AREA: 1001'+  
PUBLIC ROAD: 212' E (CR 25)  
ABOVE GROUND UTILITY: 251' E  
RAILROAD: 5280'+  
PROPERTY LINE: 225' E

SURFACE LOCATION

LAT: 40.48195°N  
LONG: 104.83321°W  
PDOP: 3.1  
ELEV: 4827'  
1/4,1/4: SE1/4SE1/4

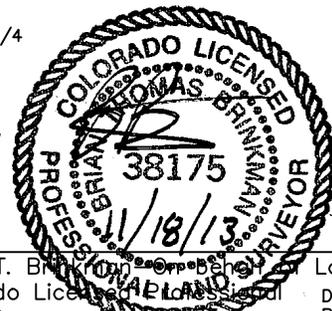
BOTTOM HOLE

LAT: 40.48281°N  
LONG: 104.84977°W

TARGET #1  
LAT: 40.48298°N  
LONG: 104.83405°W

LEGEND

- = ALIQUOT MONUMENT AS DESCRIBED
- = CALCULATED POSITION



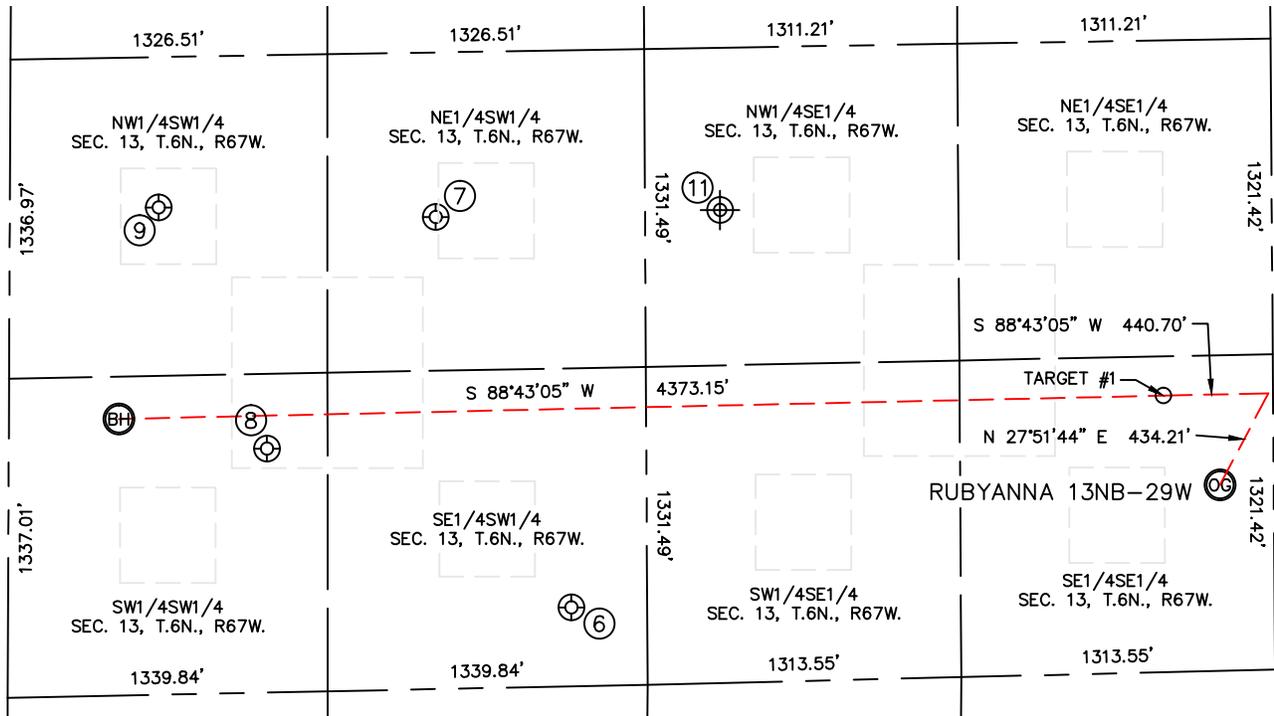
Brian T. Brinkman  
Colorado Licensed Professional Surveyor No. 38175  
Lat40°, Inc.  
DATE: rev11/18/2013  
PROJECT#: 2013147



# SITE SKETCH

RUBYANNA 13NB-29W

SECTION: 13  
TOWNSHIP: 6N  
RANGE: 67W



WELL #	WELL NAME	SHL FOOTAGE			SHL LAT °	SHL LONG °	PDOP	ELEV (FT.)	1/4/1/4	
6	STROMBERGER 1-13	330	FSL	2358	FWL	40.48060	-104.84298	2.8	4804	SESW
7	STROMBERGER 13 & 31	1976	FSL	1782	FWL	40.48510	-104.84498	2.6	4838	NESW
8	STROMBERGER 13-35	1021	FSL	1081	FWL	40.48245	-104.84754	3.4	4810	SWSW
9	STROMBERGER 13-32	2041	FSL	622	FWL	40.48523	-104.84915	3.5	4837	NWSW
11	FREE ENTERPRISE 1-13 (P&A)	1980	FSL	2310	FEL	40.48514	-104.84069	NA	4828	NWSE

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

