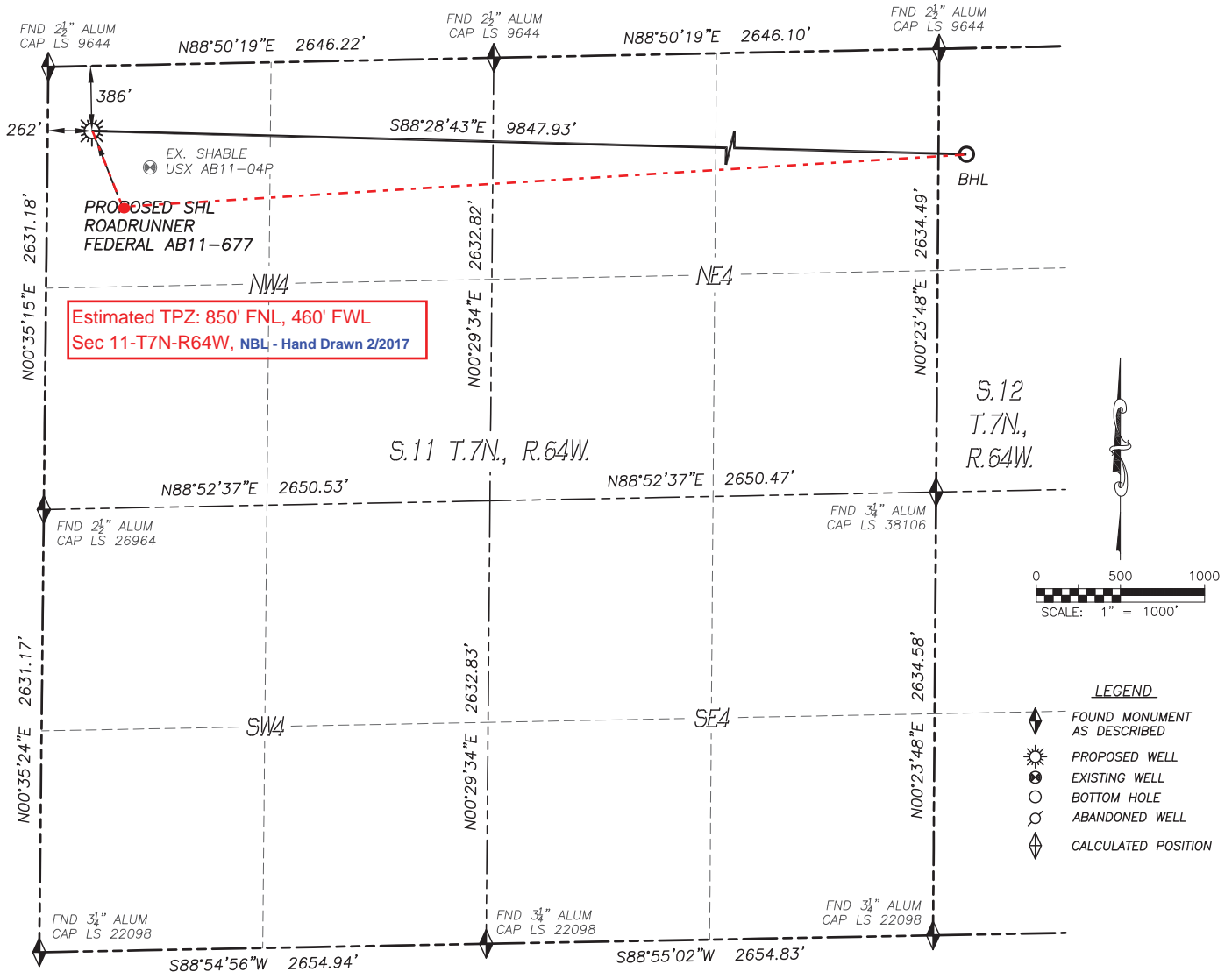


APPROVED

By RobinBeyer at 7:21 am, 2/7/17

DALEY LAND SURVEYING, INC. 970.302.4159
WELL LOCATION CERTIFICATE
ROADRUNNER FEDERAL AB11-677

SECTION: 11
TOWNSHIP: 7N
RANGE: 64W



IN ACCORDANCE WITH A REQUEST FROM CODY BALL OF NOBLE ENERGY INC., DALEY LAND SURVEYING, INC. HAS DETERMINED THE SURFACE LOCATION OF THE ROADRUNNER FEDERAL AB11-677 WELL TO BE 386' FNL, 262' FWL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES OF SECTION 11, TOWNSHIP 7 NORTH, RANGE 64 WEST, AND THE BOTTOM HOLE LOCATION TO BE 850' FNL, 460' FWL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES OF SECTION 12, TOWNSHIP 7 NORTH, RANGE 64 WEST, OF THE 6TH PRINCIPAL MERIDIAN, WELD COUNTY, COLORADO.

I HEREBY STATE THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, THAT THE WORK WAS COMPLETED ON 11/10/2016 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:

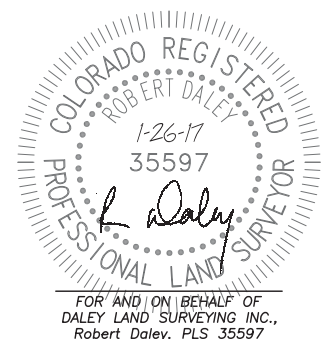
- 1) BEARINGS FOR THIS MAP ARE ASSUMED AND BASED UPON GPS OBSERVATIONS MADE BETWEEN MONUMENTS LOCATED AT THE NORTHWEST CORNER AND WEST QUARTER CORNER OF SECTION 11, T.7N., R.64W.
- 2) HORIZONTAL DATUM IS NAD83.
- 3) VERTICAL DATUM IS NAVD88 AND ORIGINATES FROM THE LOCAL C.O.R.S. NETWORK, UTILIZING THE GEOID12A MODEL.
- 4) SEE LOCATION DRAWING FOR VISIBLE IMPROVEMENTS WITHIN 500' OF PROPOSED DISTURBED AREA.
- 5) SURFACE USE: AGRICULTURAL.
- 6) INST. OPERATOR: TREVOR DALEY
- 7) NEAREST WELL: 408'± SE. - SHABLE USX AB11-04P

NEAREST CULTURAL ITEMS:

BUILDING: 5280'+
BUILDING UNIT: 5280'+
HIGH OCC. BLD. UNIT: 5280'+
DES. OUTSIDE ACTIVITY AREA: 5280'+
PUBLIC ROAD: 5280'+
ABOVE GROUND UTILITY: 348'± NE
RAILROAD: 5280'+
PROPERTY LINE: 262'± W

NAD 83 LATITUDE AND LONGITUDE

SURFACE LOCATION:	BOTTOM HOLE:
LATITUDE: N40.59382°	LATITUDE: N40.59280°
LONGITUDE: W104.52483°	LONGITUDE: W104.48940°
ELEV: 4851'	
PDOP: 1.6	
QTR/QTR: NW4/NW4	

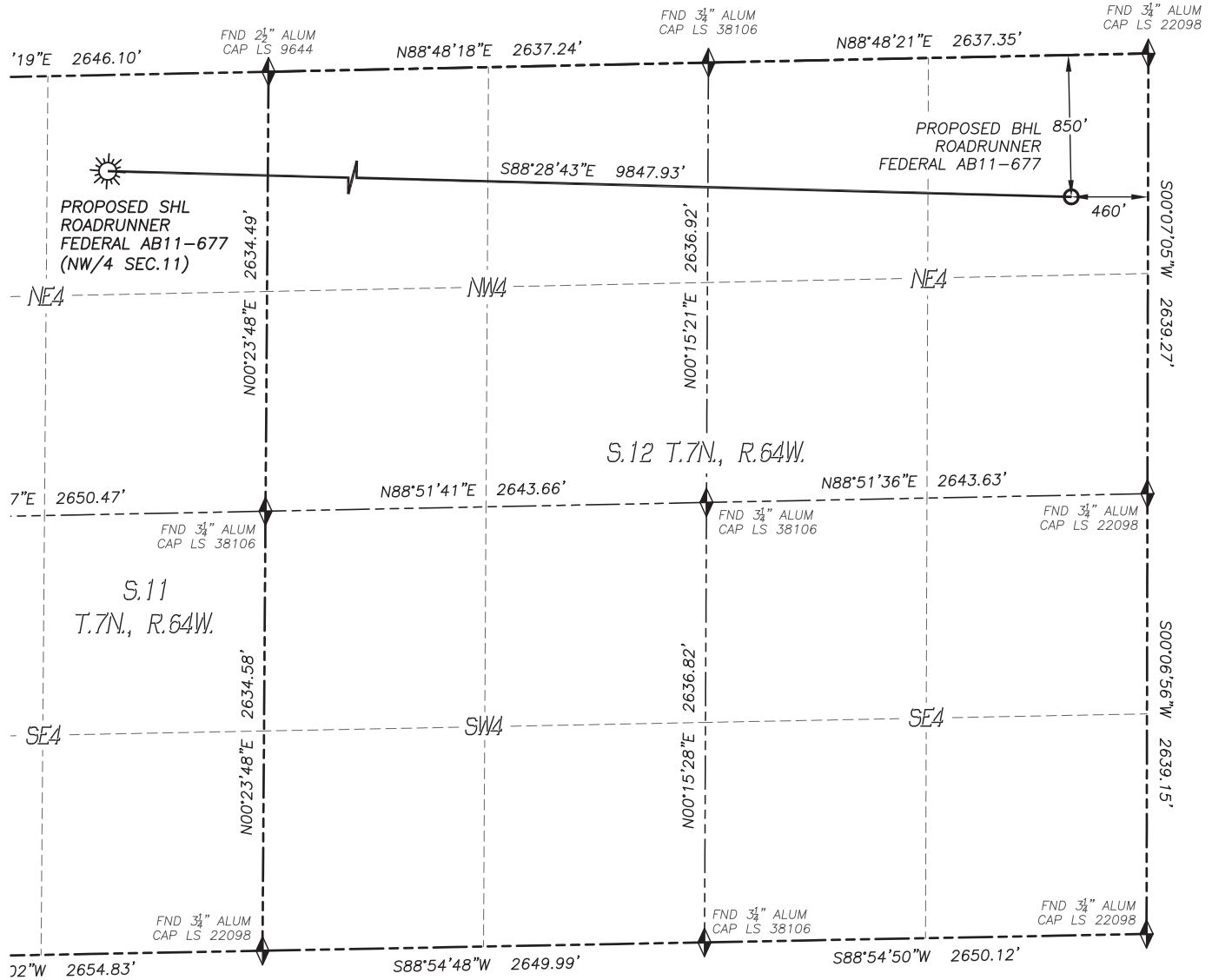


SHEET 1 OF 2

Drawing Date: 1/26/17

DALEY LAND SURVEYING, INC. 970.302.4159
WELL LOCATION CERTIFICATE
ROADRUNNER FEDERAL AB11-677

SECTION: 11
 TOWNSHIP: 7N
 RANGE: 64W



- LEGEND**
- ◆ FOUND MONUMENT AS DESCRIBED
 - ☀ PROPOSED WELL
 - ⊙ EXISTING WELL
 - BOTTOM HOLE
 - ⊘ ABANDONED WELL
 - ◆ CALCULATED POSITION

