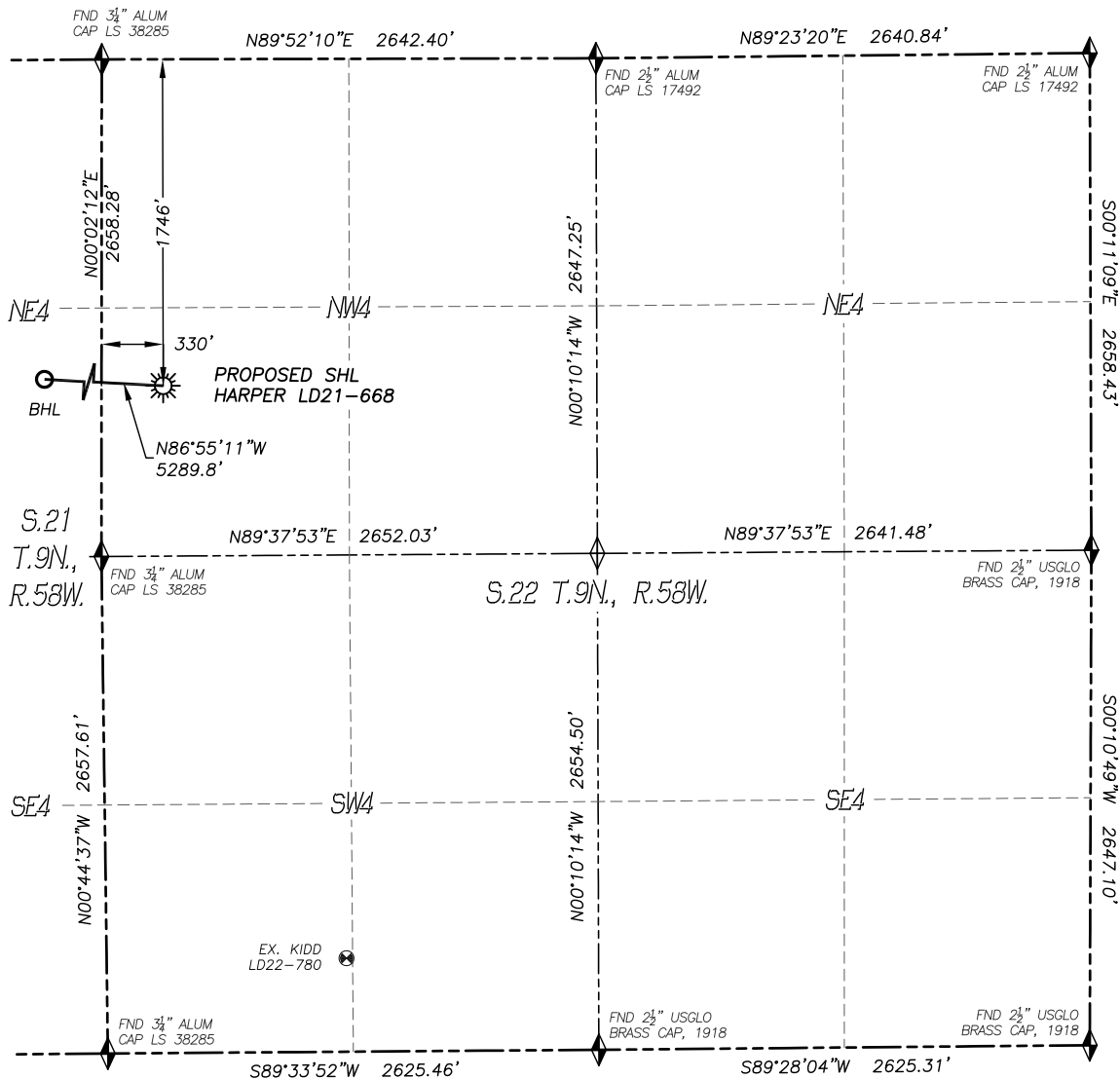


DALEY LAND SURVEYING, INC. 970.302.4159
WELL LOCATION CERTIFICATE
HARPER LD21-668

SECTION: 22
 TOWNSHIP: 9N
 RANGE: 58W



0 500 1000
 SCALE: 1" = 1000'

LEGEND

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

IN ACCORDANCE WITH A REQUEST FROM REGGY GRAY OF NOBLE ENERGY INC., DALEY LAND SURVEYING, INC. HAS DETERMINED THE SURFACE LOCATION OF THE HARPER LD21-668 WELL TO BE 1746' FNL, 330' FWL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES OF SECTION 22, TOWNSHIP 9 NORTH, RANGE 58 WEST, AND THE BOTTOM HOLE LOCATION TO BE 1430' FNL, 330' FWL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES OF SECTION 21, TOWNSHIP 9 NORTH, RANGE 58 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 11/20/2015 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:

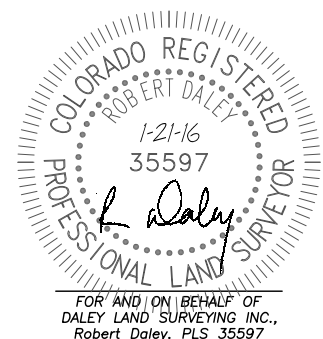
- 1) BEARINGS FOR THIS MAP ARE ASSUMED AND BASED UPON GPS OBSERVATIONS MADE BETWEEN MONUMENTS LOCATED AT THE NORTHWEST CORNER AND NORTH QUARTER CORNER OF SECTION 22, T.9N., R.58W.
- 2) HORIZONTAL DATUM IS NAD83.
- 3) VERTICAL DATUM IS NAVD88 AND ORIGINATES FROM THE LOCAL C.O.R.S. NETWORK, UTILIZING THE GEOID12A MODEL.
- 4) SEE LOCATION DRAWING FOR VISIBLE IMPROVEMENTS WITHIN 500' OF PROPOSED DISTURBED AREA.
- 5) SURFACE USE: RANGE LAND.
- 6) INST. OPERATOR: TREVOR DALEY.
- 7) NEAREST WELL: 3214'± SE. - KIDD LD22-780

NEAREST CULTURAL ITEMS:

BUILDING: 4452'± NE
 BUILDING UNIT: 4507'± NE
 HIGH OCC. BLD. UNIT: 5280'+
 DES. OUTSIDE ACTIVITY AREA: 5280'+
 PUBLIC ROAD: 307'± W
 ABOVE GROUND UTILITY: 4727'± NE
 RAILROAD: 5280'+
 PROPERTY LINE: 330'± W

NAD 83 LATITUDE AND LONGITUDE

SURFACE LOCATION:		BOTTOM HOLE:	
LATITUDE:	N40.73925°	LATITUDE:	N40.74004°
LONGITUDE:	W103.85835°	LONGITUDE:	W103.87741°
ELEV:	4776'		
PDOP:	1.4		
QTR/QTR:	SW4/NW4		

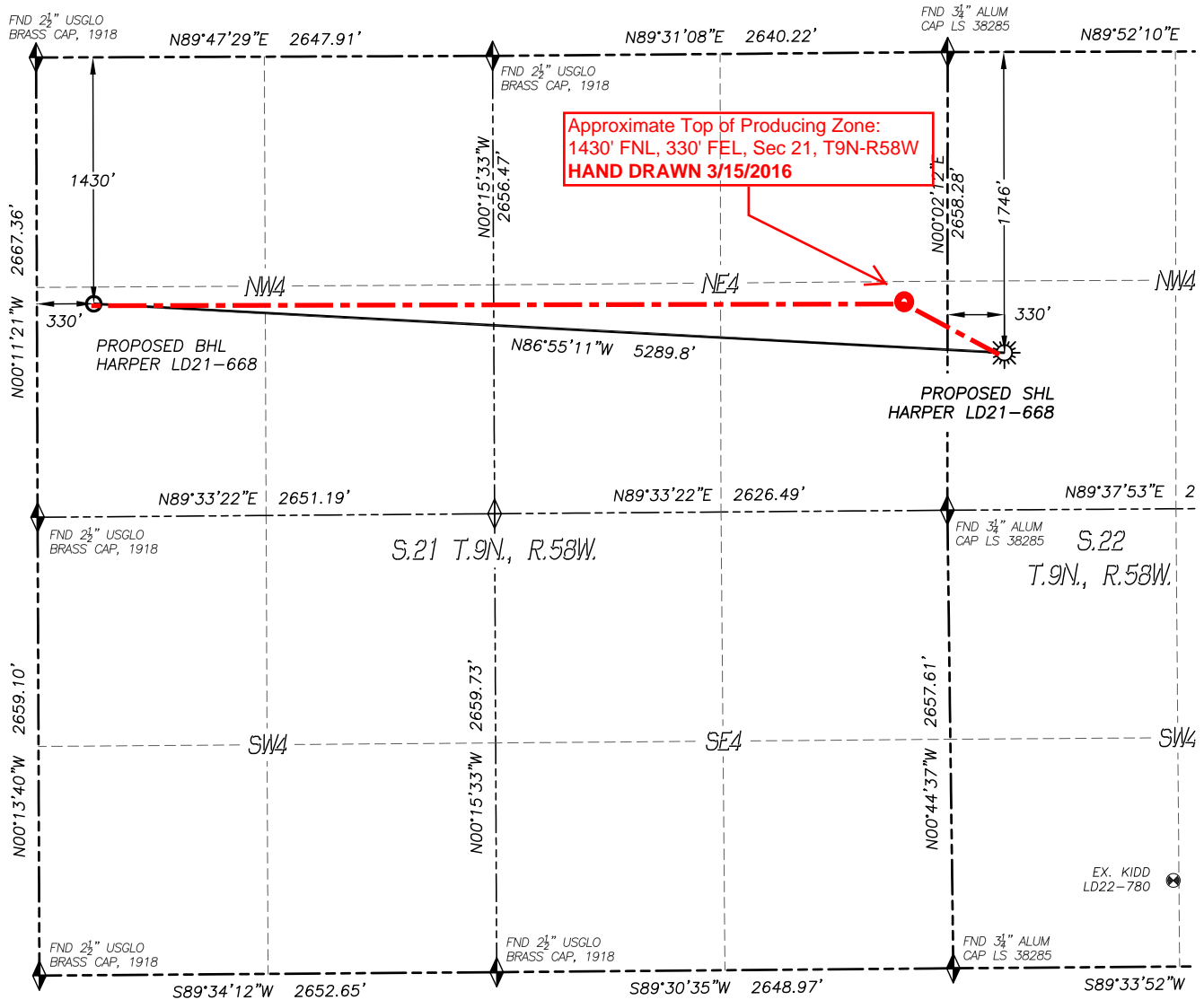


SHEET 1 OF 2

Drawing Date: 1/21/16

DALEY LAND SURVEYING, INC. 970.302.4159
WELL LOCATION CERTIFICATE
HARPER LD21-668

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