

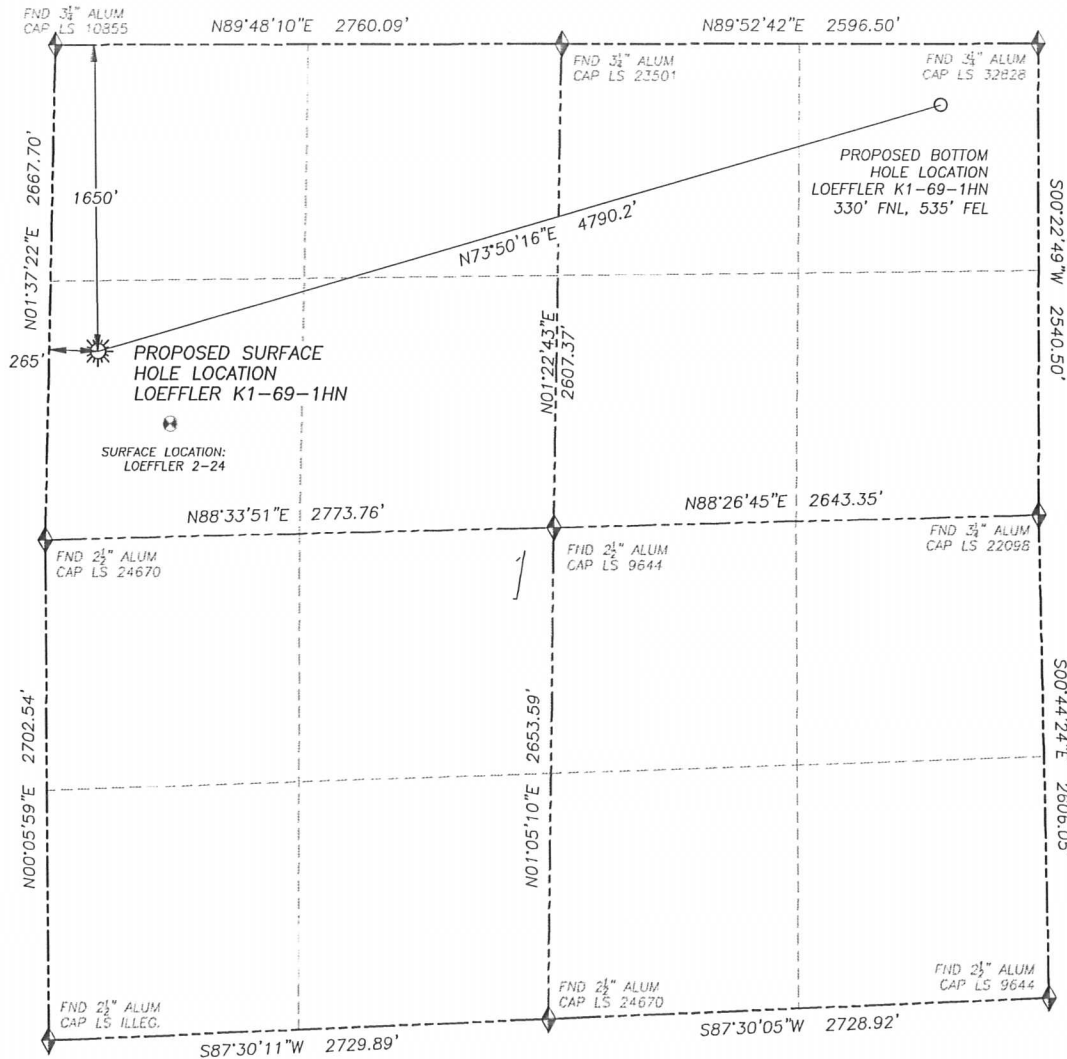
DALEY LAND SURVEYING, INC.

PARKER, CO. 80134

303 953 9841

WELL LOCATION CERTIFICATE LOEFFLER K1-69-1HN

SECTION 1, TOWNSHIP 4 NORTH, RANGE 66 WEST OF THE 6TH PRINCIPAL MERIDIAN



0 500 1000
SCALE: 1" = 1000'

LEGEND

- ◆ FOUND MONUMENT AS DESCRIBED
- ★ PROPOSED WELL
- EXISTING WELL
- BOTTOM HOLE
- ⊘ ABANDONED WELL

NAD 83 LATITUDE AND LONGITUDE

LOEFFLER K1-69-1HN

SURFACE HOLE:

LATITUDE: N40.34390°

LONGITUDE: W104.73396°

ELEVATION: 4666'

FOOTAGE: 1650' FNL, 265' FWL

PDOP: 1.4

QTR/QTR: SW4/NW4

PROP LINE: 265'± WEST

BOTTOM HOLE:

LATITUDE: N40.34755°

LONGITUDE: W104.71745°

FOOTAGE: 330' FNL, 535' FEL

NEAREST EXISTING WELL:

LOEFFLER 2-24 SURFACE HOLE

LATITUDE: N40.34282°

LONGITUDE: W104.73255°

ELEVATION: 4666'

552' SOUTHEAST

IN ACCORDANCE WITH A REQUEST FROM BRIAN JAMES OF NOBLE ENERGY INC., DALEY LAND SURVEYING, INC. HAS DETERMINED THE SURFACE LOCATION OF THE LOEFFLER K1-69-1HN WELL TO BE 1650' FNL, 265' FWL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES OF SECTION 1, TOWNSHIP 4 NORTH, RANGE 66 WEST OF THE 6TH PRINCIPAL MERIDIAN, WELD COUNTY, COLORADO. THE BOTTOM HOLE LOCATION, PROVIDED BY THE CLIENT, IS TO BE 330' FNL, 535' FEL.

I HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, THAT THE WORK WAS COMPLETED ON 2/20/2013 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 1, T.4N., R.66W.
- 2) HORIZONTAL DATUM IS NAD83.
- 3) VERTICAL DATUM IS NAVD88 AND ORIGINATES FROM LOCAL C.O.R.S. STATIONS, UTILIZING THE GEOID09 MODEL.
- 4) SEE LOCATION DRAWING FOR VISIBLE IMPROVEMENTS WITHIN 400' OF PROPOSED DISTURBED AREA.
- 5) SURFACE USE: AGRICULTURAL.

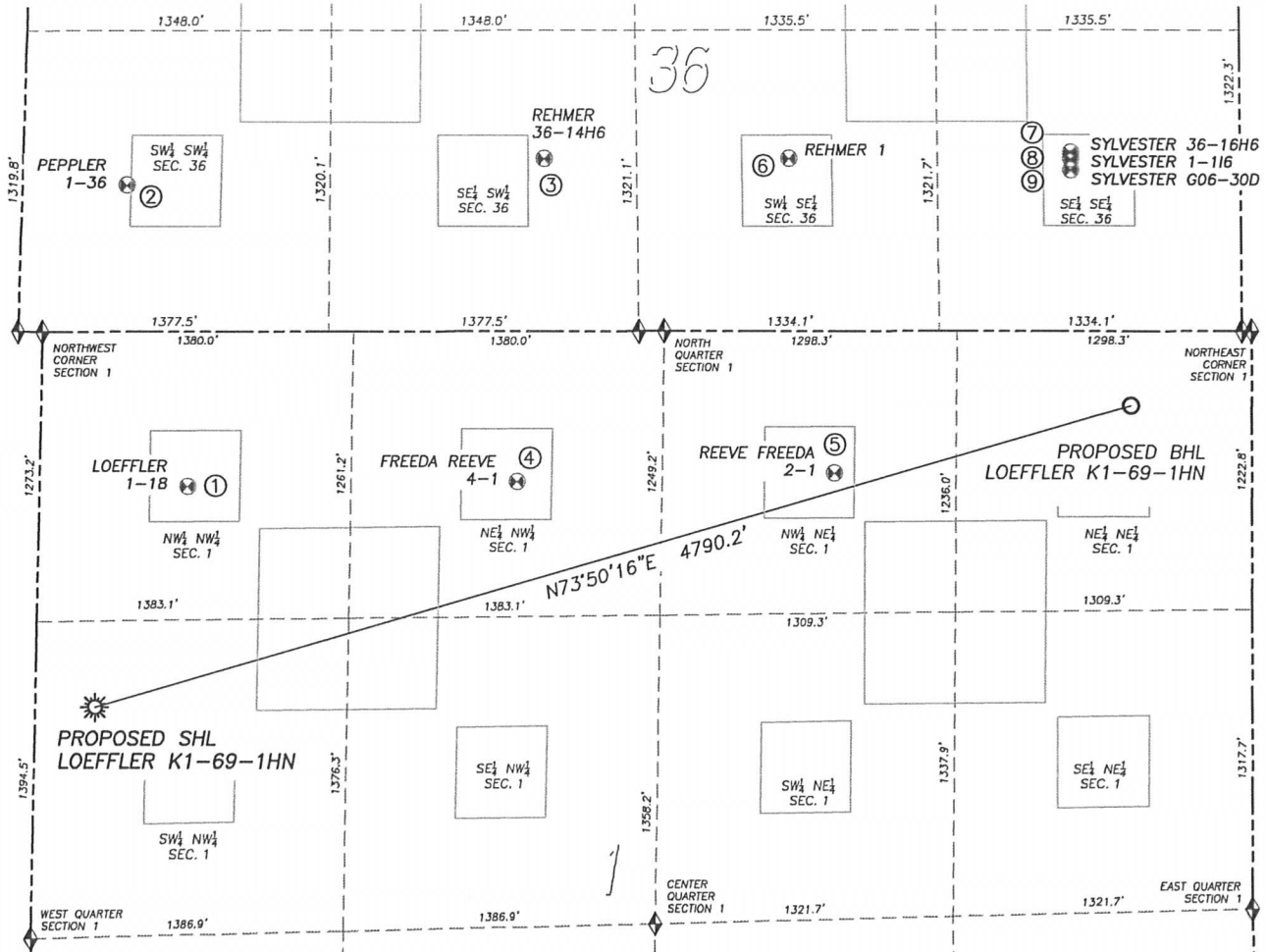


NOTICE: According to Colorado law you MUST commence any legal action based upon any defect in this W.L.C. within three years after you first discover such defect. In no event may any action based upon any such defect in this W.L.C. be commenced more than ten years from the date of the certification shown herein.

FOR AND ON BEHALF OF
DALEY LAND SURVEYING, INC.,
Robert Daley, PLS 35597

SITE SKETCH LOEFFLER K1-69-1HN

SECTION 1, TOWNSHIP 4 NORTH, RANGE 66 WEST OF THE 6TH PRINCIPAL MERIDIAN



	Well Name	Qtr - Qtr	Footage		Latitude	Longitude	Elevation	PDOP
1	LOEFFLER 1-18	NW NW 1	680' FNL	655' FWL	N40.34656	W104.73246	4667	2.0
2	PEPLER 1-36	SW SW 36	642' FSL	461' FWL	N40.35019	W104.73338	4668	2.6
3	REHMER 36-14H6	SE SW 36	756' FSL	2309' FWL	N40.35052	W104.72673	4665	2.0
4	FREEDA REEVE 4-1	NE NW 1	662' FNL	2118' FWL	N40.34663	W104.72721	4664	1.9
5	REEVE FREEDA 2-1	NW NE 1	625' FNL	1843' FEL	N40.34674	W104.72215	4662	1.8
6	REHMER 1	SW SE 36	756' FSL	1995' FEL	N40.35053	W104.72284	4664	1.9
7	SYLVESTER 31-16H6	SE SE 36	784' FSL	746' FEL	N40.35061	W104.71836	4663	2.6
8	SYLVESTER 1-116	SE SE 36	753' FSL	746' FEL	N40.35053	W104.71836	4663	2.6
9	SYLVESTER G06-30D	SE SE 36	706' FSL	745' FEL	N40.35040	W104.71836	4664	2.6

NOTES:

1. THIS DOES NOT REPRESENT A BOUNDARY SURVEY
2. HORIZONTAL DATUM IS NAD83
3. VERTICAL DATUM IS NAVD88 AND ORIGINATES FROM LOCAL C.O.R.S. STATIONS, UTILIZING THE GEOID09 MODEL.

LEGEND

- ◆ FOUND MONUMENT AS DESCRIBED
- ☼ PROPOSED WELL
- EXISTING WELL
- BOTTOM HOLE
- ⌵ ABANDONED WELL

