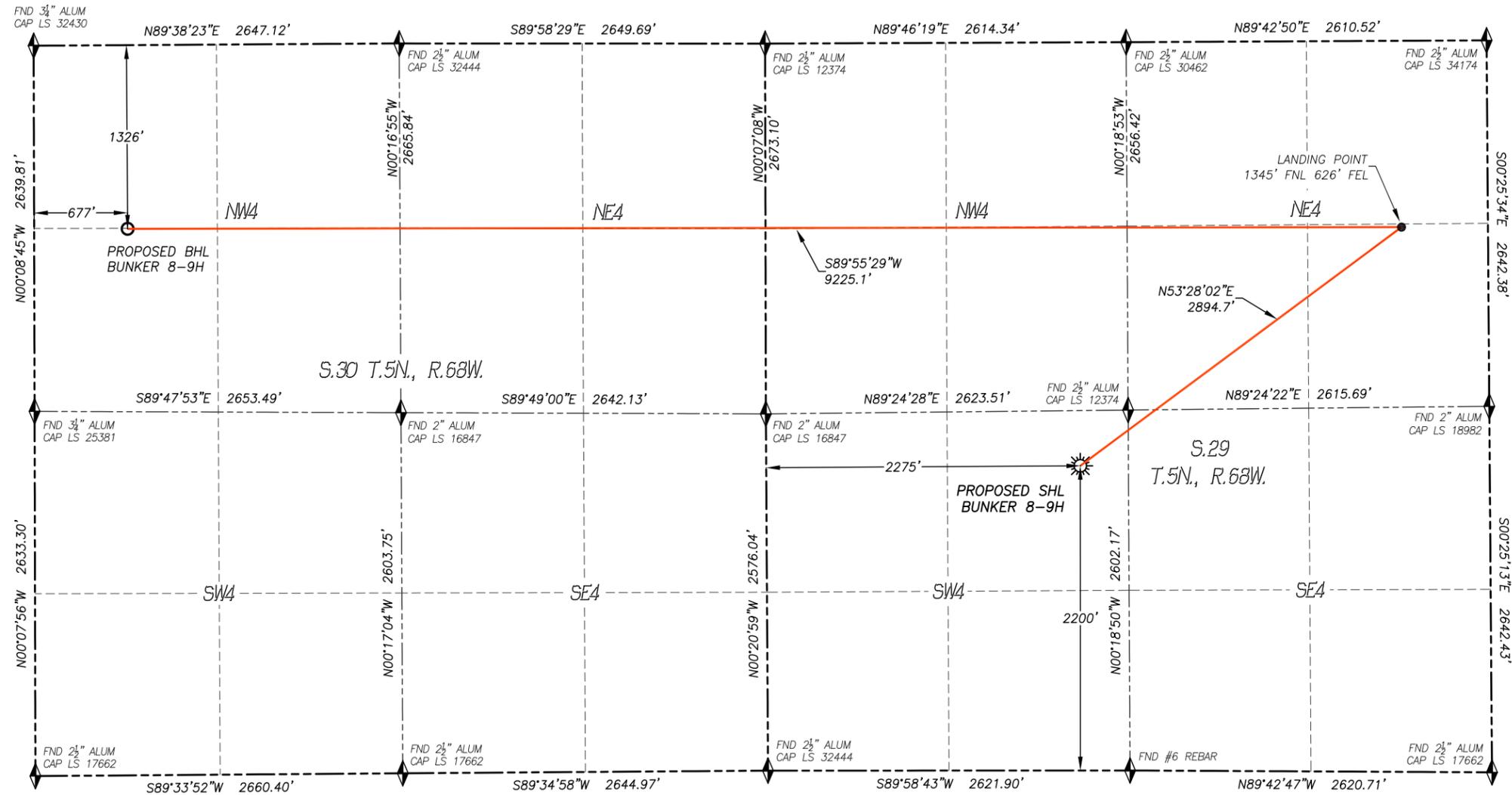


# WELL LOCATION CERTIFICATE

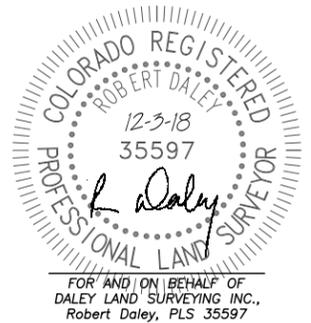
## BUNKER 8-9H

SECTION 29, TOWNSHIP 5 NORTH, RANGE 68 WEST OF THE 6TH P.M.



IN ACCORDANCE WITH A REQUEST FROM MAGPIE OIL AND GAS, DALEY LAND SURVEYING, INC. HAS DETERMINED THE SURFACE LOCATION OF THE BUNKER 8-9H WELL TO BE 2200' FSL, 2275' FWL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES OF SECTION 29, TOWNSHIP 5 NORTH, RANGE 68 WEST AND THE BOTTOM HOLE LOCATION TO BE 1326' FNL, 677' FWL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES OF SECTION 30, TOWNSHIP 5 NORTH, RANGE 68 WEST, OF THE 6TH PRINCIPAL MERIDIAN, LARIMER 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 9/10/2018 FOR AND ON BEHALF OF MAGPIE OIL AND GAS, 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 SOUTH QUARTER CORNER AND THE SOUTHWEST CORNER OF SECTION 29, T.5N., R.68W.
- 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: WELL PAD/AGRICULTURAL.
- 6) INST. OPERATOR: KYLE DALEY.

**NEAREST CULTURAL ITEMS:**

|                             |          |
|-----------------------------|----------|
| BUILDING:                   | 1973± NW |
| BUILDING UNIT:              | 1988± SE |
| HIGH OCC. BLD. UNIT:        | 5280'+   |
| DES. OUTSIDE ACTIVITY AREA: | 5280'+   |
| PUBLIC ROAD:                | 2243± W  |
| ABOVE GROUND UTILITY:       | 2228± W  |
| RAILROAD:                   | 5280'+   |
| PROPERTY LINE:              | 348± E   |

**NAD 83 LATITUDE AND LONGITUDE**

| SURFACE LOCATION: |             | LANDING POINT/TPZ: |             |
|-------------------|-------------|--------------------|-------------|
| LATITUDE:         | N40.36989°  | LATITUDE:          | N40.37459°  |
| LONGITUDE:        | W105.03201° | LONGITUDE:         | W105.02364° |
| ELEV:             | 4982'       |                    |             |
| PDOP:             | 1.8         |                    |             |
| QTR/QTR:          | NE4/SW4     |                    |             |
| BOTTOM HOLE:      |             |                    |             |
| LATITUDE:         | N40.37469°  |                    |             |
| LONGITUDE:        | W105.05674° |                    |             |

**LEGEND**

- ◆ FOUND MONUMENT
- ◇ CALCULATED POSITION
- ☀ PROPOSED WELL
- BOTTOM HOLE
- ⊙ ABANDONED WELL
- ⊗ EXISTING WELL
- TPZ TOP PRODUCING ZONE

