

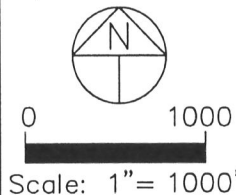
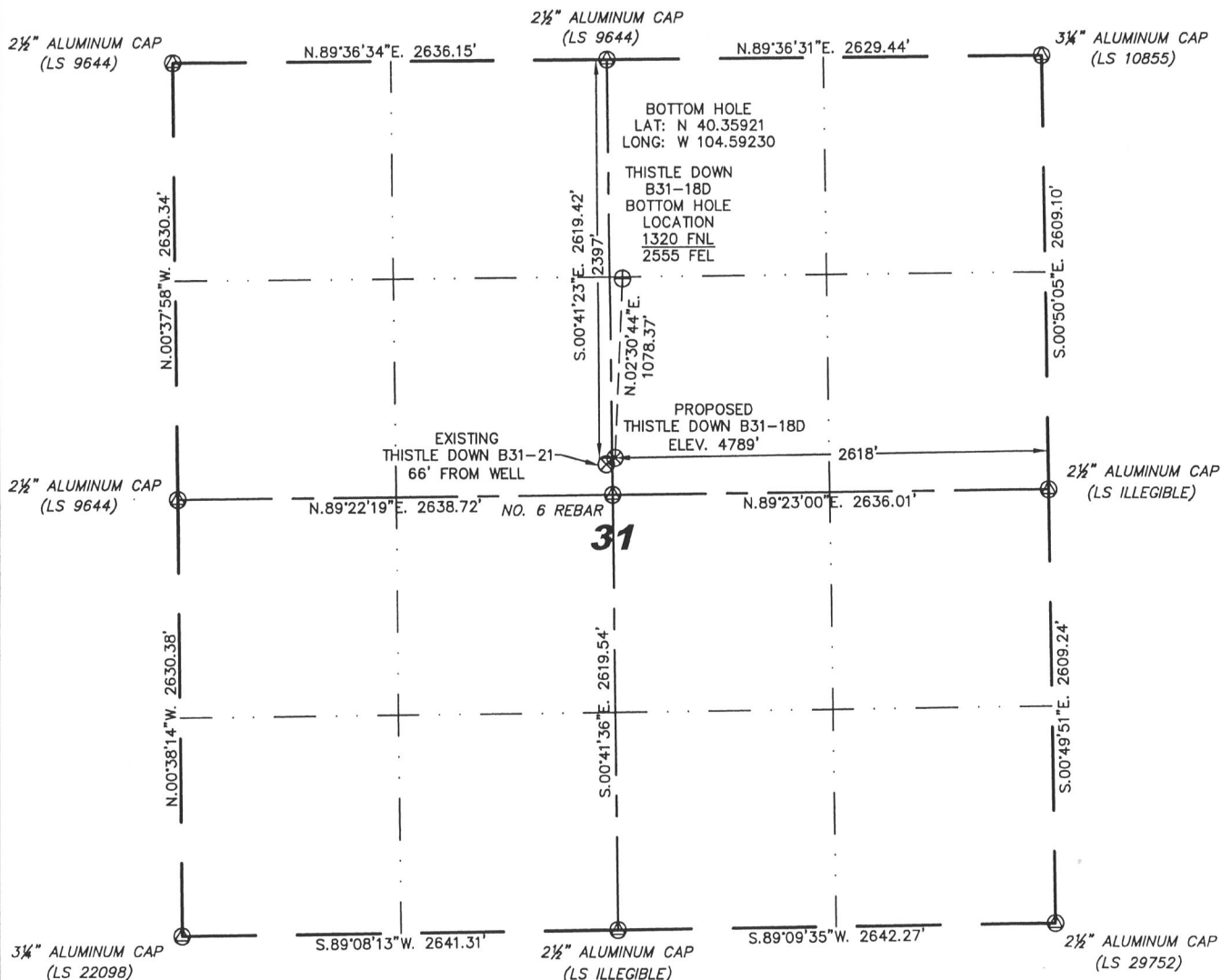
Steil Surveying Services, LLC

1102 West 19th Street P.O. BOX 2073

Cheyenne, Wyoming 82009

WELL LOCATION CERTIFICATE
THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION 31
TOWNSHIP 5 NORTH
RANGE 64 WEST



IN ACCORDANCE WITH A REQUEST FROM JACK FINCHAM - NOBLE ENERGY INC, STEIL SURVEYING SERVICES, LLC HAS DETERMINED THE LOCATION OF THE THISTLE DOWN B31-18D WELL TO BE 2397' FNL, 2618' FEL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES, SECTION 31, TOWNSHIP 5 NORTH, RANGE 64 WEST, 6TH PRINCIPLE MERIDIAN, WELD COUNTY, COLORADO.

I HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME, OR UNDER MY DIRECT SUPERVISION, THAT THE FIELD WORK WAS COMPLETED ON 05/14/2009, FOR AND ON BEHALF OF NOBLE ENERGY INC, THAT IT 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.

NOTES:

- 1) BASIS OF BEARINGS FOR THIS MAP ARE BASED UPON GPS OBSERVATIONS MADE ON 12/26/2007 BETWEEN MONUMENTS LOCATED AT THE SOUTHEAST SECTION CORNER AND THE NORTHEAST SECTION CORNER OF SAID SECTION AND WITH ALL BEARINGS SHOWN HEREON RELATIVE THERETO.
- 2) ELEVATIONS ARE BASED UPON NGS OPUS SOLUTION NAVD 88 DATUM.
- 3) THE NEAREST EXISTING WELL IS: THISTLE DOWN B31-21, 66' SOUTHWEST.
- 4) SEE VISIBLE IMPROVEMENTS EXHIBIT FOR ALL IMPROVEMENTS WITHIN 400'.
- 5) THE LOCATION FALLS IN PASTURE LAND.

LATITUDE & LONGITUDE (NAD 83 SURFACE HOLE):
LATITUDE: N 40.35625'
LONGITUDE: W 104.59251'
PDOP: 2.0
QUARTER-QUARTER: SW/4NE/4
NEAREST PROPERTY LINE: 17' TO THE WEST

LEGEND

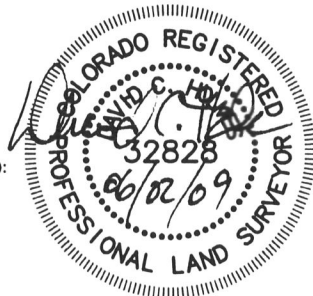
- ⊙ FOUND SURVEY MONUMENT PER MONUMENT RECORD - EXCEPTIONS NOTED.
- (C) CALCULATED DIMENSION

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 defect in this W.L.C. be commenced more than ten years from this said date of the certification shown hereon.

David C. Holmes
Professional Land Surveyor Registration No. 32828
State of Colorado

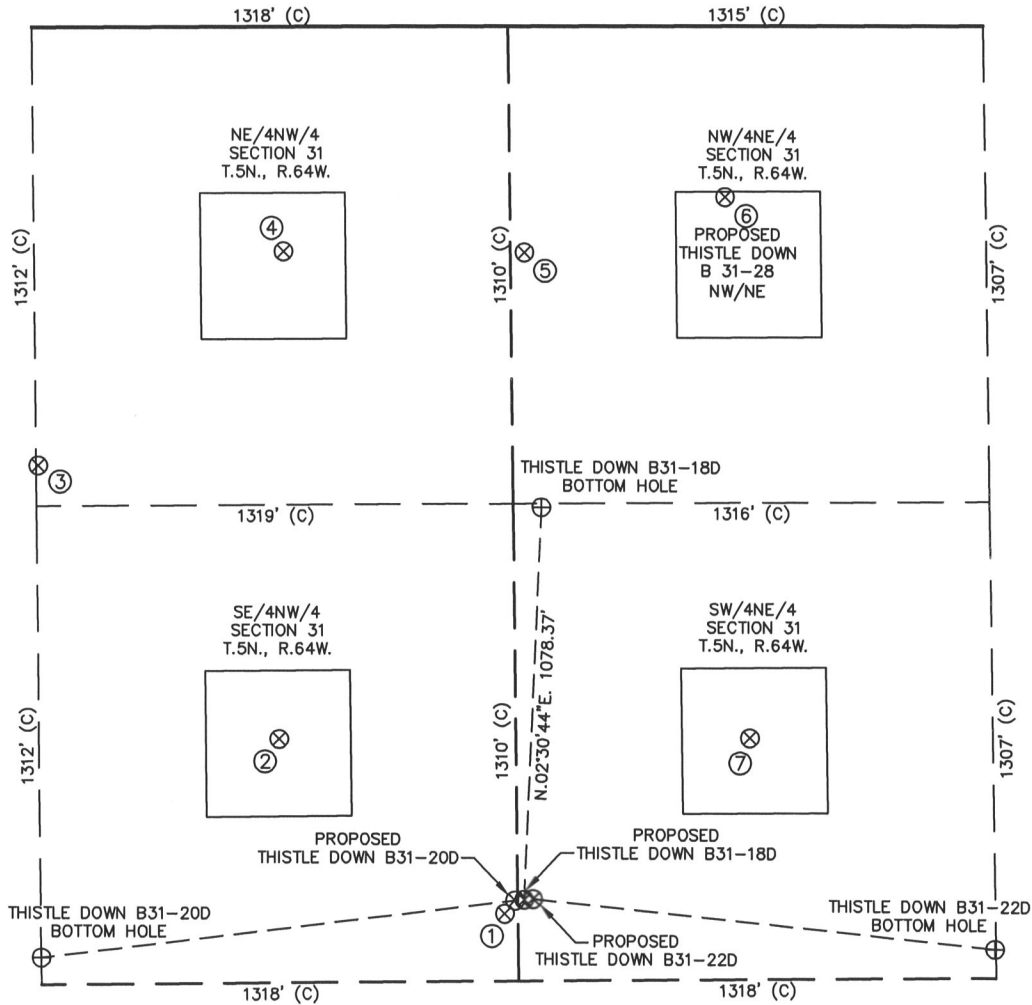
JOB #: 09086

Completed 05/20/2009



SITE SKETCH - THISTLE DOWN B31-18D

SECTION 31
TOWNSHIP 5 NORTH
RANGE 64 WEST



①	②	③	④	⑤	⑥	⑦
THISTLE DOWN 31-21 SE/NW SEC. 31 2435' FNL 2602' FWL EL 4788' N 40.35615 W 104.59271 PDOP 2.2	GEMINI B31-6 SE/NW SEC. 31 1955' FNL 1982' FWL EL 4780' N 40.35747 W 104.59493 PDOP 1.9	GEMINI B31-19 NE/NW SEC. 31 1201' FNL 1324' FWL EL 4763' N 40.35955 W 104.59729 PDOP 4.9	GEMINI B31-3 NE/NW SEC. 31 616' FNL 2006' FWL EL 4752' N 40.36115 W 104.59485 PDOP 2.0	THISTLE DOWN B31-28 NW/NE SEC. 31 620' FNL 2593' FEL EL 4746' N 40.36113 W 104.59245 PDOP 2.7	SUN SOIL PM B31-2 NW/NE SEC. 31 470' FNL 2036' FEL EL 4738' N 40.36153 W 104.59045 PDOP 1.8	BOULTER 31-1 SW/NE SEC. 31 1956' FNL 1988' FEL EL 4774' N 40.35745 W 104.59026 PDOP 1.8

NOTES:

- THIS SKETCH DOES NOT REPRESENT A BOUNDARY SURVEY.
- THE DATUM FOR THE LATITUDES AND LONGITUDES ON THIS SKETCH IS NAD83.

