

WELL LOCATION CERTIFICATE

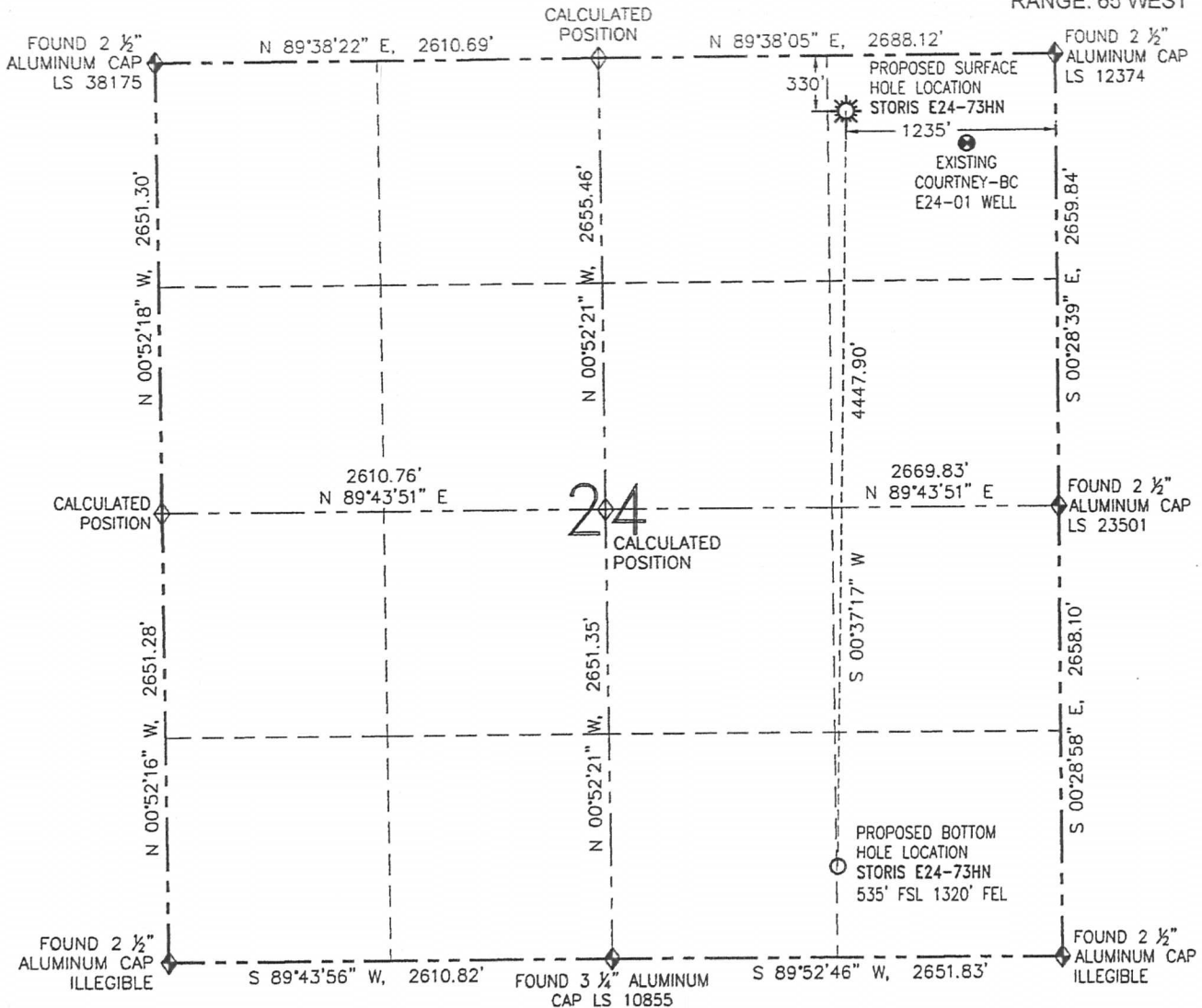
STORIS E24-73HN

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 24

TOWNSHIP: 6 NORTH

RANGE: 65 WEST



0 1000'
SCALE: 1" = 1000'

LEGEND

- PROPOSED WELL
- EXISTING WELL
- BOTTOM HOLE
- FOUND MONUMENT
- CALCULATED POSITION

SURFACE HOLE LOCATION (NAD 83)

LATITUDE: N 40.47782°
LONGITUDE: W 104.60630°
ELEVATION: 4684
PDOP: 1.7
1/4-1/4: NE NE
NEAREST PROPERTY LINE: 108' W

BOTTOM HOLE LOCATION

LATITUDE: N 40.46561°
LONGITUDE: W 104.60664°

IN ACCORDANCE WITH A REQUEST FROM MIKE RODINE-NOBLE ENERGY INC., R&R ENGINEERS-SURVEYORS, INC. HAS DETERMINED THE SURFACE HOLE LOCATION OF THE STORIS E24-73HN WELL TO BE 330' FNL AND 1235' FEL AS MEASURED AT (90) DEGREES FROM THE SECTION LINES OF SECTION 24, TOWNSHIP 6 NORTH, RANGE 65 WEST OF THE 6TH PRINCIPAL MERIDIAN, WELD COUNTY, COLORADO. THE BOTTOM HOLE LOCATION, AS PROVIDED BY THE CLIENT, IS TO BE 535' FSL AND 1320' FEL OF SECTION 24, TOWNSHIP 6 NORTH, RANGE 65 WEST.

I HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME, OR UNDER MY DIRECT SUPERVISION, THAT THE FIELD WORK WAS COMPLETED ON 12/18/12, 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 FENCES, BUILDINGS, OR OTHER FUTURE IMPROVEMENT LINES.

NOTES:

1. BEARINGS ARE GRID BEARINGS OF THE COLORADO STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NAD 83. THE LINEAL DIMENSIONS SHOWN HEREON ARE BASED UPON THE "U.S. SURVEY FOOT".
2. ELEVATIONS ARE BASED UPON NGS OPUS SOLUTION NAVD 88 DATUM COMPUTED USING GEOID09.
3. THE NEAREST EXISTING WELL IS: COURTNEY-BC E24-01 736' SE.
4. SEE LOCATION DRAWING FOR ALL IMPROVEMENTS WITHIN 400' OF THE OIL/GAS LOCATION.
5. SURFACE USE: CROPLAND.

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 THE DATE OF THE CERTIFICATION SHOWN HEREON (13-80-105 C.R.S.).



FIELD DATE: 12/18/12
PLOT DATE: 03/05/13
DRAWN BY: CJD
JOB NO.: NE12383
SHEET NO.: 1 of 6



DAVID C. HOLMES, PLS 32828
FOR AND ON BEHALF OF R&R ENGINEERS-SURVEYORS, INC.

SITE SKETCH

STORIS E24-73HN

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 24

TOWNSHIP: 6 NORTH

RANGE: 65 WEST

- ① COURTNEY-BC E24-01
NE/NE SEC. 24
526' FNL
526' FEL
EL=4682
N 40.47727°
W 104.60376°
PDOP 2.5

- ② COURTNEY E24-2
NW/NE SEC 24
657' FNL
2005' FEL
EL=4686
N 40.47693°
W 104.60907°
PDOP 2.6

- ③ COURTNEY E24-7
SW/NE SEC. 24
2016' FNL
1988' FEL
EL=4682
N 40.47320°
W 104.60902°
PDOP 1.6

- ④ COURTNEY-BC E24-08
SE/NE SEC 24
1994' FNL
662' FEL
EL=4680
N 40.47325°
W 104.60425°
PDOP 1.7

- ⑤ MILLER 33-24
NW/SE SEC 24
1842' FSL
1842' FEL
EL=4679
N 40.46921°
W 104.60850°
PDOP 1.6

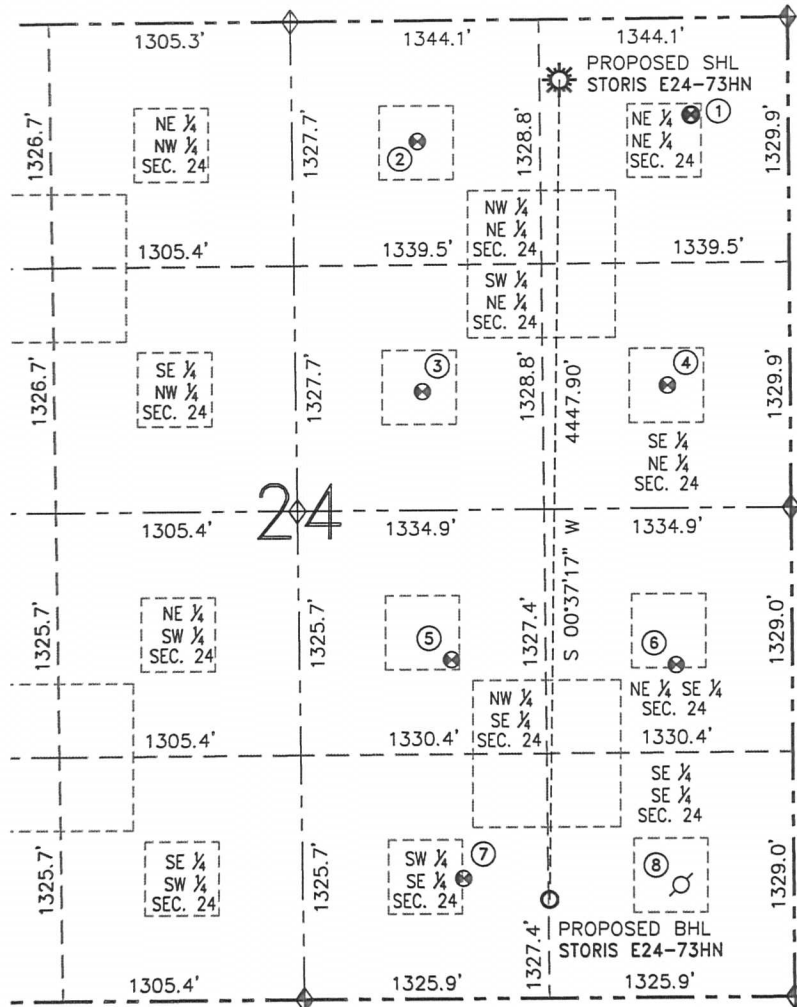
- ⑥ JESSIE NO.2
NE/SE SEC 24
1807' FSL
627' FEL
EL=4675
N 40.46909°
W 104.60414°
PDOP 1.6

- ⑦ MILLER 34-24
SW/SE SEC. 24
653' FSL
1785' FEL
EL=4682
N 40.46595°
W 104.60831°
PDOP 1.5

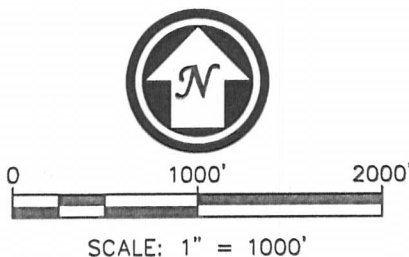
- ⑧ JESSIE NO. 1
SE/SE SEC. 24
PER COGCC:
610' FSL
610' FEL
DRILLED &
ABANDONED

NOTES:

1. THIS SKETCH DOES NOT REPRESENT A BOUNDARY SURVEY.
2. HORIZONTAL DATUM IS NAD 83.
3. VERTICAL DATUM IS NAVD 88.



FIELD DATE: 12/18/12
PLOT DATE: 03/08/13
DRAWN BY: CJD
JOB NO.: NE12383
SHEET NO.: 2 of 6



LEGEND	
	PROPOSED WELL
	EXISTING WELL
	BOTTOM HOLE
	ABANDONED WELL
	FOUND MONUMENT
	CALCULATED POSITION