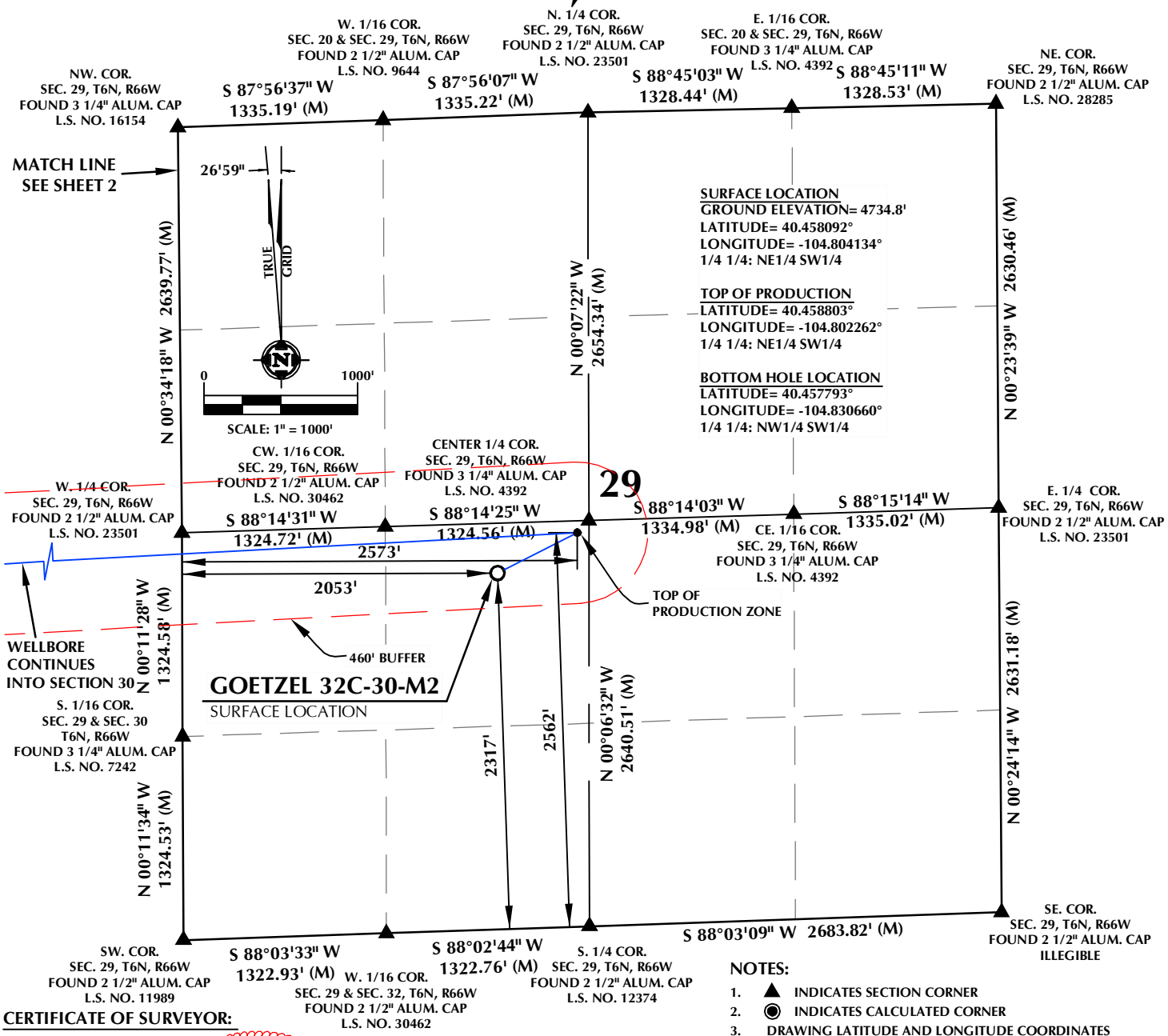
T6N, R66W



CERTIFICATE OF SURVEYOR:

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

JOHN R. SLAUGHT
38230
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTERED
LICENSED

JOHN R. SLAUGH
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 38230

9/28/16

NOTICE:
ACCORDING TO COLORADO STATE LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE ON THE CERTIFICATION SHOWN HEREON.

WELL DISTANCES:

BUILDING: ±1192' NW
BUILDING UNIT: ±1192' NW
HIGH OCCUPANCY BUILDING UNIT: 5280'+
DESIGNATED OUTSIDE ACTIVITY AREA: 5280'+
PUBLIC ROAD: ±2119' W
PROPERTY LINE: ±324' N
ABOVE GROUND UTILITY: ±203' NE
RAILROAD: ±469' S

NOTES:

1. ▲ INDICATES SECTION CORNER
2. ◉ INDICATES CALCULATED CORNER
3. DRAWING LATITUDE AND LONGITUDE COORDINATES ARE NAD 83 (2011)(EPOCH:2010)
4. ELEVATION BASED ON NAVD88 (GEOID12B)
5. BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
6. ALL MEASURED DISTANCES ARE GRID. COMBINED SCALE FACTOR: .99974048 CALCULATED FROM THE W. 1/4 CORNER OF SECTION 29
7. OPERATOR: ROB WILSON / PDOP = 1.8
8. SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
9. WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
10. THE BOTTOM OF HOLE BEARS S86°53'39"W, 7911' FROM THE TOP OF PRODUCTION ZONE.

WELL PAD - GOETZEL 25-29

GOETZEL 32C-30-M2
WELL LOCATION CERTIFICATE
2317' FSL & 2053' FWL NESW (SURFACE)
2562' FSL & 2573' FWL NESW (TOP OF PRODUCTION)
LOCATED IN SECTION 29
2551' FSL & 510' FWL LOT 2 (NWSW) (BOTTOM)
LOCATED IN SECTION 30
T6N, R66W, 6TH P.M.
WELD COUNTY, COLORADO

SYNERGY RESOURCES CORPORATION
1625 Broadway, Suite 300
Denver, Colorado 80202

609 CONSULTING, LLC
SHERIDAN OFFICE
1095 Saberton Avenue
Sheridan, Wyoming 82801
Phone 307-674-0609
LOVELAND OFFICE
1635 Foxtrail Drive, Suite 204
Loveland, Colorado 80538
Phone 970-776-4331

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DATE DRAFTED:	9/20/16	DATE SURVEYED:	9/8/16	1
REVISED:	9/28/16	FILE NAME:	16-81	1 OF 2

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T6N, R66W

NW. COR.
SEC. 30, T6N, R66W
FOUND 3 1/4" ALUM. CAP
ILLEGIBLE

S 86°31'14" W
1637.09' (M)

W. 1/16 COR.
SEC. 19 & SEC. 30, T6N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 7242

S 86°30'40" W
1569.52' (M)

N. 1/4 COR.
SEC. 30, T6N, R66W
FOUND 3 1/4" ALUM. CAP
ILLEGIBLE

S 87°59'42" W
1319.19' (M)

E. 1/16 COR.
SEC. 19 & SEC. 30, T6N, R66W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 30462

S 87°58'56" W
1319.23' (M)

NE. COR.
SEC. 30, T6N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 16154

MATCH LINE
SEE SHEET 1

N 00°34'23" W 2731.00' (M)

N 00°04'38" E 2720.16' (M)

N 00°34'18" W 2639.77' (M)

26'59"
TRUE
GRID
N
0
1000'
SCALE: 1" = 1000'

NO. 2
NO. 1

SURFACE LOCATION
GROUND ELEVATION= 4734.8'
LATITUDE= 40.458092°
LONGITUDE= -104.804134°
1/4 1/4: NE1/4 SW1/4

TOP OF PRODUCTION
LATITUDE= 40.458803°
LONGITUDE= -104.802262°
1/4 1/4: NE1/4 SW1/4

BOTTOM HOLE LOCATION
LATITUDE= 40.457793°
LONGITUDE= -104.830660°
1/4 1/4: NW1/4 SW1/4

W. 1/4 COR.
SEC. 30, T6N, R66W
FOUND 2 1/2" ALUM. CAP
ILLEGIBLE

CW. 1/16 COR.
SEC. 30, T6N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 7242

CENTER 1/4 COR.
SEC. 30, T6N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 7242

CE. 1/16 COR.
SEC. 30, T6N, R66W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 30462

E. 1/4 COR.
SEC. 30, T6N, R66W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 23501

S 86°17'18" W
1607.63' (M)

S 86°17'23" W
1568.73' (M)

S 86°17'08" W
1336.26' (M)

S 86°17'09" W
1336.16' (M)

S 86°53'39" W 7911' GRID
S 87°20'38" W TRUE

30

510'

BOTTOM
OF HOLE

N 00°04'13" E 1321.79' (M)

N 00°11'28" W 1324.58' (M)

460' BUFFER

S. 1/16 COR.
SEC. 29 & SEC. 30
T6N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 7242

CS. 1/16 COR.
SEC. 30, T6N, R66W
FOUND 3 1/4" ALUM. CAP
WITNESS CORNER 229' SOUTH
OF CORNER POSITION
L.S. NO. 7242

N 00°35'56" W 2634.76' (M)

2551'

NO. 2
NO. 1

N 00°05'16" E 1321.83' (M)

N 00°11'34" W 1324.53' (M)

SE. COR.
SEC. 30, T6N, R66W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 11989

S 86°25'12" W 2684.57' (M)

S 86°24'44" W
1577.77' (M)

S 86°25'11" W
1566.89' (M)

SW. COR.
SEC. 30, T6N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 7242

W. 1/16 COR.
SEC. 30 & SEC. 31, T6N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 22098

S. 1/4 COR.
SEC. 30, T6N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 22098

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JOHN R. SLAUGHT
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 38230

9/28/16

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10. THE BOTTOM OF HOLE BEARS S86°53'39"W, 7911' FROM THE TOP OF PRODUCTION ZONE.
11. NO. 1 & NO. 2 AS SHOWN HEREON ARE GOVERNMENT LOTS 1 & 2 PER THE ORIGINAL GLO SURVEY

WELL PAD - GOETZEL 25-29

GOETZEL 32C-30-M2
WELL LOCATION CERTIFICATE
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