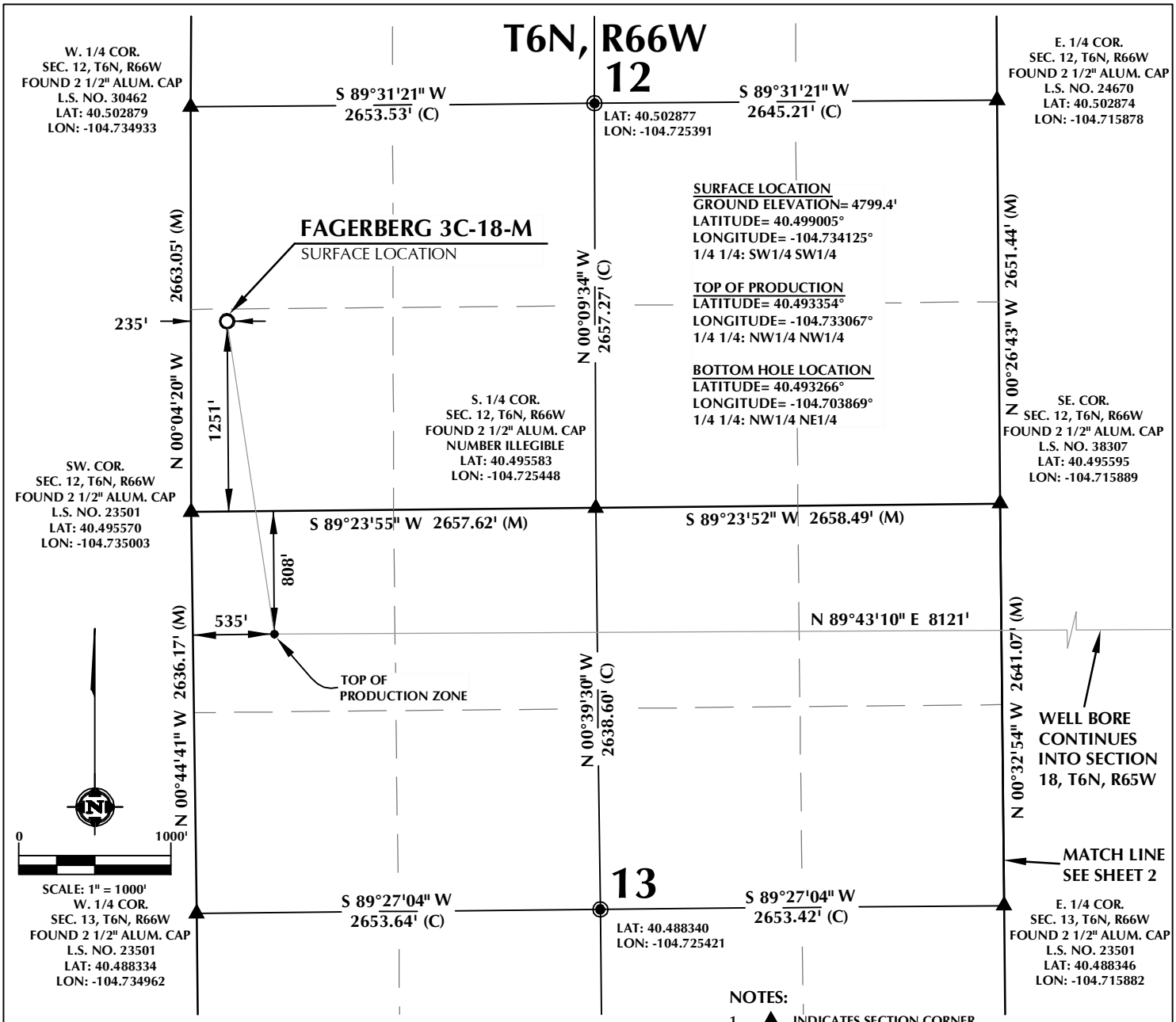

CERTIFICATE OF SURVEYOR:

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COLORADO LICENSED PROFESSIONAL LAND SURVEYOR 38230

JOHN R. SLAUGH
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 38230

3/24/16

NOTICE:
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WELL DISTANCES:

BUILDING: ±1158' SE
BUILDING UNIT: ±1188' SE
HIGH OCCUPANCY BUILDING UNIT: 5280'+
DESIGNATED OUTSIDE ACTIVITY AREA: 5280'+
PUBLIC ROAD: ±205' W
PROPERTY LINE: ±235' W
ABOVE GROUND UTILITY: ±266' W
RAILROAD: 5280'+

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: .99973936
7. OPERATOR: ROB WILSON / PDOP = 1.4
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 N89°43'10"E, 8121' FROM THE TOP OF PRODUCTION ZONE.

WELL PAD - FAGERBERG 33-12

FAGERBERG 3C-18-M
WELL LOCATION CERTIFICATE
1251' FSL & 235' FWL SWSW (SURFACE)
LOCATED IN SECTION 12
808' FNL & 535' FWL NWNW (TOP OF PRODUCTION)
LOCATED IN SECTION 13
T6N, R66W, 6TH P.M.
807' FNL & 1936' FEL NWNE (BOTTOM)
LOCATED IN SECTION 18
T6N, R65W, 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

DRAFTED BY:	LMO	CHECKED BY:	JRS	SHEET NO:
DATE DRAFTED:	3/7/16	DATE SURVEYED:	2/16/16	1
REVISED:	3/24/16	FILE NAME:	16-21	1 OF 2

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T6N, R65W

W. 1/4 COR.
SEC. 7, T6N, R65W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 24670
LAT: 40.502874
LON: -104.715878

N 89°37'11" W
2637.10' (C)

LAT: 40.502761
LON: -104.706397

7

N 89°37'11" W
2643.55' (C)

E. 1/4 COR.
SEC. 7, T6N, R65W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 23501
LAT: 40.502648
LON: -104.696892

MATCH LINE
SEE SHEET 1

N 00°26'43" W 2651.44' (M)

SURFACE LOCATION
GROUND ELEVATION= 4799.4'
LATITUDE= 40.499005°
LONGITUDE= -104.734125°
1/4 1/4: SW1/4 SW1/4

TOP OF PRODUCTION
LATITUDE= 40.493354°
LONGITUDE= -104.733067°
1/4 1/4: NW1/4 NW1/4

BOTTOM HOLE LOCATION
LATITUDE= 40.493266°
LONGITUDE= -104.703869°
1/4 1/4: NW1/4 NE1/4

N 00°24'10" W
2646.51' (C)

N 00°19'08" W 2626.78' (M)

0 1000'
SCALE: 1" = 1000'

SW. COR.
SEC. 7, T6N, R65W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 38307
LAT: 40.495595
LON: -104.715889

N 89°43'35" W 2635.07' (M)

S. 1/4 COR.
SEC. 7, T6N, R65W
FOUND 3" ALUM. CAP
L.S. NO. 12374
LAT: 40.495497
LON: -104.706415

S 89°57'10" W 2639.51' (M)

SE. COR.
SEC. 7, T6N, R65W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 23501
LAT: 40.495437
LON: -104.696925

807'

N 89°43'10" E 8121'

1936'

BOTTOM
OF HOLE

N 00°32'54" W 2641.07' (M)

N 00°41'34" W
2632.07' (C)

N 00°49'16" W 2638.02' (M)

CENTER W. 1/16 COR.
SEC. 18, T6N, R65W
FOUND 3" ALUM. CAP
L.S. NO. 30462
LAT: 40.488309
LON: -104.711122

W. 1/4 COR.
SEC. 18, T6N, R65W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 23501
LAT: 40.488346
LON: -104.715882

N 89°55'40" W
1324.11' (M)

N 89°55'11" W
1317.49' (C)

18

LAT: 40.488272
LON: -104.706385

N 89°55'11" W
2645.48' (C)

E. 1/4 COR.
SEC. 18, T6N, R65W
FOUND 3" ALUM. CAP
L.S. NO. 30462
LAT: 40.488196
LON: -104.696875

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COLORADO LICENSED
JOHN R. SLAUGH
38230
PROFESSIONAL LAND SURVEYOR

JOHN R. SLAUGH
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COLORADO REGISTRATION NUMBER 38230

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2 OF 2

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