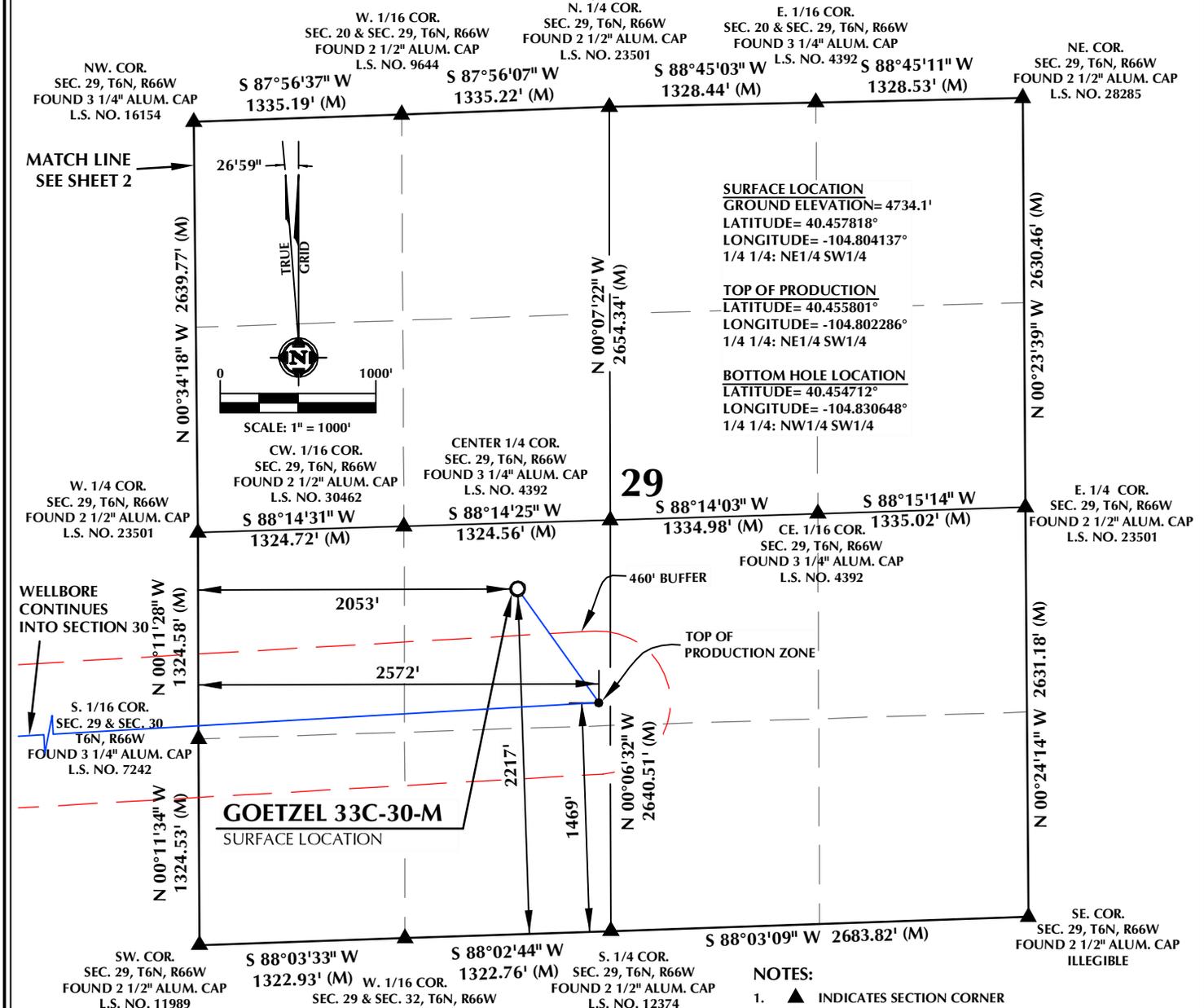


T6N, R66W



CERTIFICATE OF SURVEYOR:

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY 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. 38-51-302 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

38230

John R. Slaugh
PROFESSORIAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 8230

NOTICE:
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WELL DISTANCES:
BUILDING: ±1267' NW
BUILDING UNIT: ±1267' NW
HIGH OCCUPANCY BUILDING UNIT: 5280'+
DESIGNATED OUTSIDE ACTIVITY AREA: 5280'+
PUBLIC ROAD: ±2103' W
PROPERTY LINE: ±323' S
ABOVE GROUND UTILITY: ±255' NE
RAILROAD: ±372' S

WELL PAD - GOETZEL 25-29

GOETZEL 33C-30-M
WELL LOCATION CERTIFICATE
2217' FSL & 2053' FWL NESW (SURFACE)
1469' FSL & 2572' FWL NESW (TOP OF PRODUCTION)
LOCATED IN SECTION 29
1430' 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

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

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T6N, R66W

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

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

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

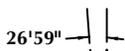
W. 1/16 COR.
SEC. 19 & SEC. 30, T6N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 7242

S 86°30'40" W
1569.52' (M)

S 87°59'42" W
1319.19' (M)

S 87°58'56" W
1319.23' (M)

N 00°34'23" W 2731.00' (M)



SCALE: 1" = 1000'

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

N 00°35'56" W 2634.76' (M)

S 86°17'18" W
1607.63' (M)

S 86°17'23" W
1568.73' (M)

30

S 86°17'08" W
1336.26' (M)

S 86°17'09" W
1336.16' (M)

N 00°11'28" W
1324.58' (M)

N 00°05'16" E
1321.83' (M)

S 86°24'44" W
1577.77' (M)

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

S 86°25'12" W 2684.57' (M)

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

SURFACE LOCATION
GROUND ELEVATION= 4734.1'
LATITUDE= 40.457818°
LONGITUDE= -104.804137°
1/4 1/4: NE1/4 SW1/4

TOP OF PRODUCTION
LATITUDE= 40.455801°
LONGITUDE= -104.802286°
1/4 1/4: NE1/4 SW1/4

BOTTOM HOLE LOCATION
LATITUDE= 40.454712°
LONGITUDE= -104.830648°
1/4 1/4: NW1/4 SW1/4

MATCH LINE
SEE SHEET 1

BOTTOM OF HOLE

510'

1430'

S 86°40'52" W 7903' GRID
S 87°07'51" W TRUE

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

460' BUFFER

NOTES:

- ▲ INDICATES SECTION CORNER
- INDICATES CALCULATED CORNER
- DRAWING LATITUDE AND LONGITUDE COORDINATES ARE NAD 83 (2011)(EPOCH:2010)
- ELEVATION BASED ON NAVD88 (GEOID12B)
- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
- ALL MEASURED DISTANCES ARE GRID.
COMBINED SCALE FACTOR: .99974048 CALCULATED FROM THE W. 1/4 CORNER OF SECTION 29, T6N, R66W
- OPERATOR: ROB WILSON / PDOP = 1.4
- SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
- WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
- THE BOTTOM OF HOLE BEARS S86°40'52"W, 7903' FROM THE TOP OF PRODUCTION ZONE.
- NO. 1 & NO. 2 AS SHOWN HEREON ARE GOVERNMENT LOTS 1 & 2 PER THE ORIGINAL GLO SURVEY

CERTIFICATE OF SURVEYOR:

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John R. Slaugh
JOHN R. SLAUGH
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 18230
9/20/16

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