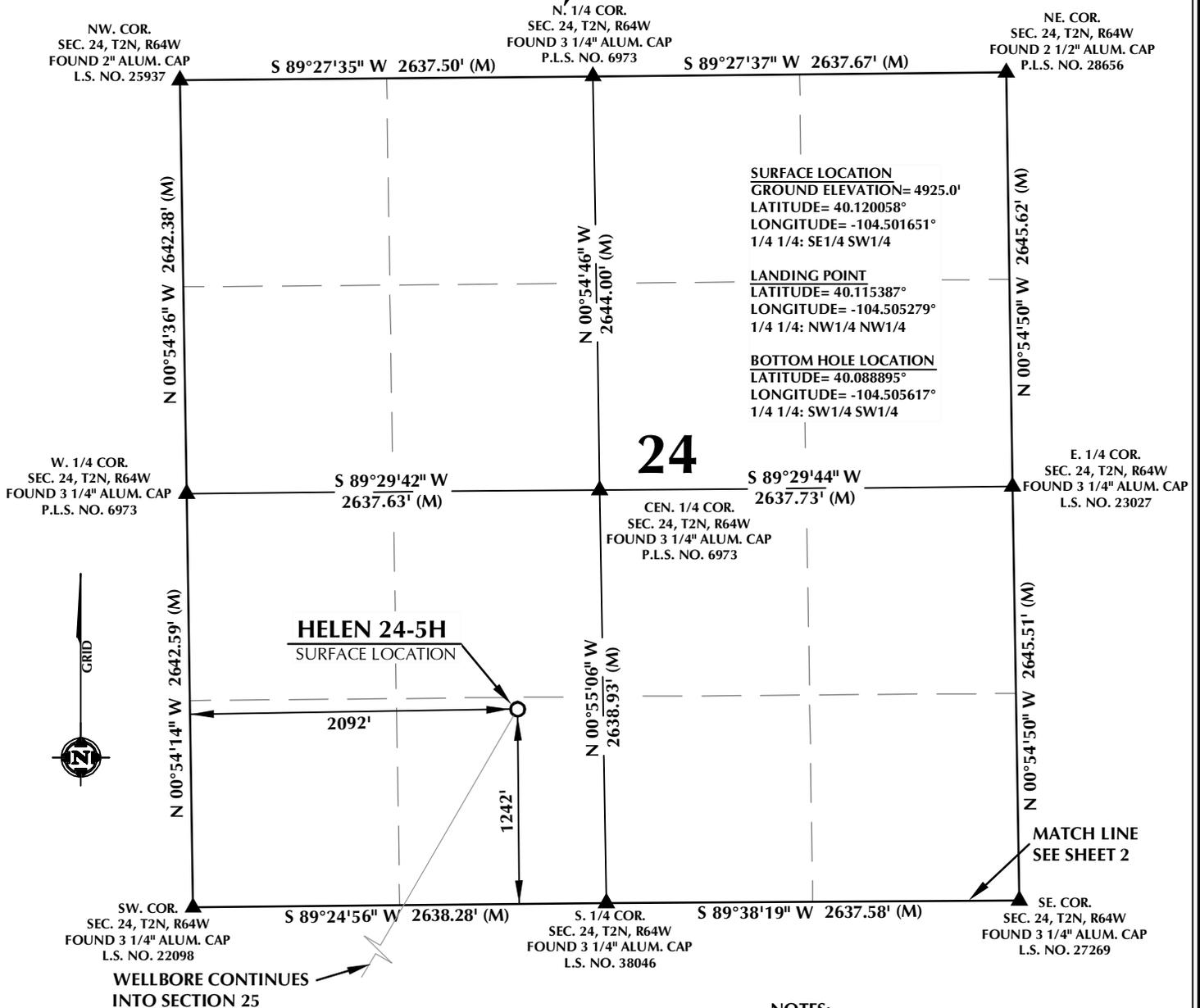


# T2N, R64W



**SURFACE LOCATION**  
 GROUND ELEVATION= 4925.0'  
 LATITUDE= 40.120058°  
 LONGITUDE= -104.501651°  
 1/4 1/4: SE1/4 SW1/4

**LANDING POINT**  
 LATITUDE= 40.115387°  
 LONGITUDE= -104.505279°  
 1/4 1/4: NW1/4 NW1/4

**BOTTOM HOLE LOCATION**  
 LATITUDE= 40.088895°  
 LONGITUDE= -104.505617°  
 1/4 1/4: SW1/4 SW1/4

## 24

CEN. 1/4 COR.  
 SEC. 24, T2N, R64W  
 FOUND 3 1/4" ALUM. CAP  
 P.L.S. NO. 6973

**HELEN 24-5H**  
 SURFACE LOCATION

2092'

1242'

MATCH LINE  
 SEE SHEET 2

WELLBORE CONTINUES  
 INTO SECTION 25

### CERTIFICATE OF SURVEYOR:

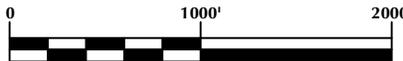
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*John R. Slaugh*  
 JOHN R. SLAUGH  
 PROFESSIONAL LAND SURVEYOR  
 COLORADO REGISTRATION NUMBER 38230

NOTICE:  
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### WELL DISTANCES:

BUILDING: ±730' SE  
 BUILDING UNIT: ±927' SE  
 PUBLIC ROAD: ±354' NW  
 ABOVE GROUND UTILITY: ±1170' SE  
 RAILROAD: ±1367' SE  
 PROPERTY LINE: ±288' NW  
 HIGH OCCUPANCY BUILDING UNIT: ±3815' SW  
 DESIGNATED OUTSIDE ACTIVITY AREA: 5280'+



SCALE: 1" = 1000'

### NOTES:

- ▲ INDICATES SECTION CORNER.
- INDICATES CALCULATED CORNER.
- 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: .99972739 CALCULATED FROM THE C. 1/4 CORNER OF SECTION 24, T2N, R64W.  
 OPERATOR: PRESTON KUNTSEN / PDOP = 1.3.
- 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 S00°04'55"E, 9651' FROM THE LANDING POINT.

## WELL PAD - ARNOLD 02N-64W-24

HELEN 24-5H  
 WELL LOCATION CERTIFICATE  
 1242' FSL & 2092' FWL SESW (SURFACE)  
 LOCATED IN SECTION 24  
 460' FNL & 1069' FWL NWNW (LANDING POINT)  
 LOCATED IN SECTION 25  
 460' FSL & 889' FWL SWSW (BOTTOM)  
 LOCATED IN SECTION 36  
 T2N, R64W, 6TH P.M.  
 WELD COUNTY, COLORADO



5950 Cedar Springs Road, Suite 200  
 Dallas, Texas 75235



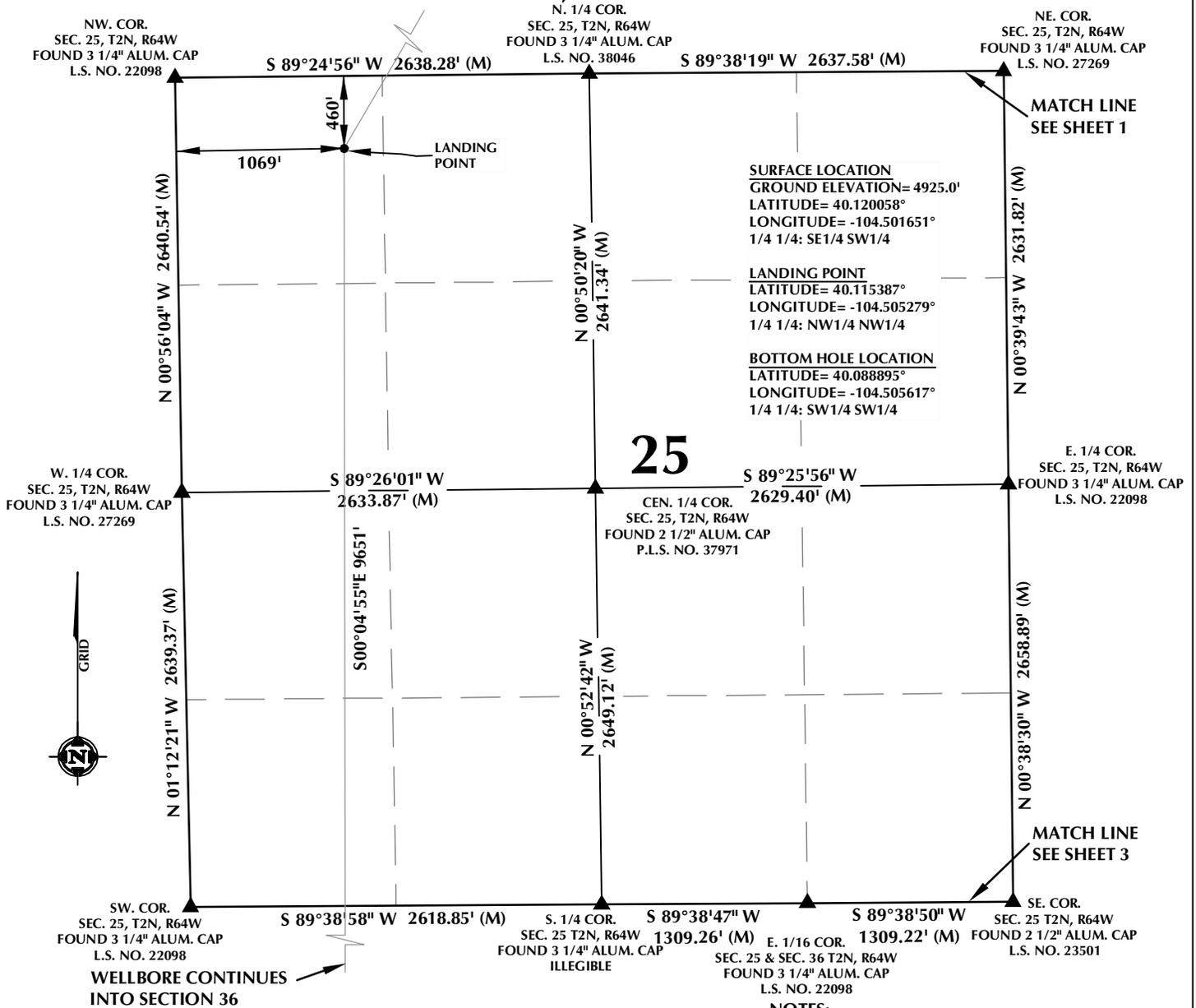
## CONSULTING, LLC

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:	GLK	CHECKED BY:	JRS	SHEET NO:
DATE DRAFTED:	10/30/17	DATE SURVEYED:	9/29/17	1
REVISED:	11/6/17	FILE NAME:	17-138	1 OF 3

# T2N, R64W

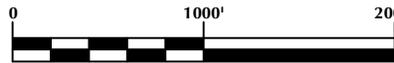


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SCALE: 1" = 1000'

**WELL PAD - ARNOLD 02N-64W-24**



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DATE DRAFTED:	10/30/17	DATE SURVEYED:	9/29/17	
REVISED:	11/6/17	FILE NAME:	17-138	

# T2N, R64W

E. 1/16 COR.  
SEC. 25 & SEC. 36 T2N, R64W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 22098

NW. COR.  
SEC. 36, T2N, R64W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 22098

N. 1/4 COR.  
SEC. 36 T2N, R64W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 22098

NE. COR.  
SEC. 36 T2N, R64W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 23501

S 89°38'58" W 2618.85' (M) ILLEGIBLE  
S 89°38'47" W 1309.26' (M)  
S 89°38'50" W 1309.22' (M)

MATCH LINE  
SEE SHEET 2

**SURFACE LOCATION**  
GROUND ELEVATION= 4925.0'  
LATITUDE= 40.120058°  
LONGITUDE= -104.501651°  
1/4 1/4: SE1/4 SW1/4

**LANDING POINT**  
LATITUDE= 40.115387°  
LONGITUDE= -104.505279°  
1/4 1/4: NW1/4 NW1/4

**BOTTOM HOLE LOCATION**  
LATITUDE= 40.088895°  
LONGITUDE= -104.505617°  
1/4 1/4: SW1/4 SW1/4

CN. 1/16 COR.  
SEC. 36 T2N, R64W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 22098

## 36

CEN. 1/4 COR.  
SEC. 36 T2N, R64W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 22098

E. 1/4 COR.  
SEC. 36 T2N, R64W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 22098

W. 1/4 COR.  
SEC. 36 T2N, R64W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 22098

S 89°38'13" W  
2617.47' (M)

S 89°38'04" W  
2617.92' (M)

N 01°13'17" W 2639.11' (M)

N 01°11'35" W  
1319.19' (M)

N 01°10'45" W 2637.94' (M)

N 01°11'23" W  
1319.32' (M)

N 01°12'47" W 2650.69' (M)

S 00°04'55"E 9651'

N 01°11'51" W  
1322.14' (M)

N 01°09'40" W 2638.44' (M)

N 01°11'11" W  
1322.37' (M)

CS. 1/16 COR.  
SEC. 36 T2N, R64W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 22098

SW. COR.  
SEC. 36 T2N, R64W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 22098

S 89°30'07" W 5232.83' (M)

SE. COR.  
SEC. 36 T2N, R64W  
SET 2 1/2" ALUM. CAP  
P.L.S. NO. 38512



### CERTIFICATE OF SURVEYOR:

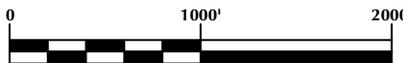
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