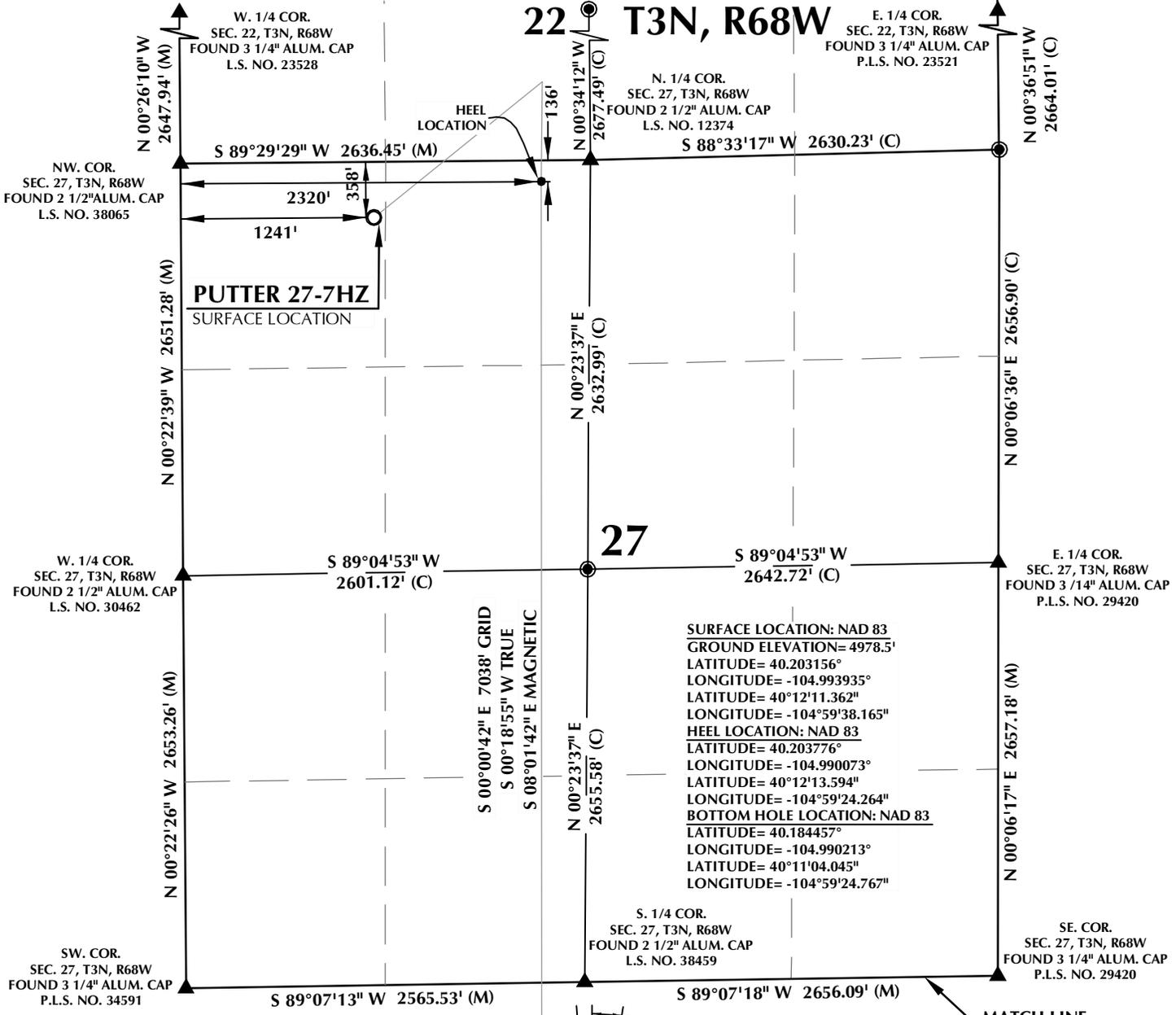


22 T3N, R68W



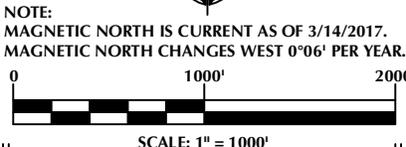
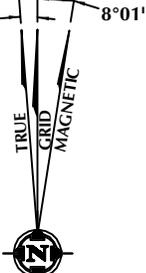
CERTIFICATE OF SURVEYOR:

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Randall K. French
RANDALL K. FRENCH
 PROFESSIONAL LAND SURVEYOR
 COLORADO REGISTRATION NUMBER 38512

NOTICE:
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WELLBORE CONTINUES INTO SECTION 34



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: .99972252 CALCULATED FROM THE W. 1/4 CORNER OF SECTION 27, T3N, R68W
- OPERATOR: ROB WILSON / PDOP = 1.1
- 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°00'42"E, 7038' FROM THE HEEL LOCATION.

WELL PAD - PUTTER 27-5HZ

PUTTER 27-7HZ
WELL LOCATION CERTIFICATE
 358' FNL & 1241' FWL NWNW (SURFACE)
 136' FNL & 2320' FWL NENW (HEEL)
 LOCATED IN SECTION 27
 1884' FNL & 2274' FWL SENW (BOTTOM)
 LOCATED IN SECTION 34
 T3N, R68W, 6TH P.M.
 WELD COUNTY, COLORADO

Kerr-McGee Oil & Gas Onshore L.P.
 1099 18th Street
 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: RKF	SHEET NO: 1 1 OF 2
DATE DRAFTED: 3/21/17	DATE SURVEYED: 3/14/17	
REVISED:	FILE NAME: 16-180	

T3N, R68W

MATCH LINE
SEE SHEET 1

NW COR.
SEC. 34, T3N, R68W
FOUND 3 1/4" ALUM. CAP
P.L.S. NO. 34591

N. 1/4 COR.
SEC. 34, T3N, R68W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 38459

NE COR.
SEC. 34, T3N, R68W
FOUND 3 1/4" ALUM. CAP
P.L.S. NO. 29420

N 00°24'48" W 2658.36' (M)

S 89°07'13" W 2565.53' (M)

S 89°07'18" W 2656.09' (M)

N 00°56'15" W 2679.14' (M)

N 00°19'08" W 2650.75' (M)

S 89°07'12" W
2573.24' (M)

S 89°34'09" W
2673.26' (M)

N 00°56'44" W 2679.24' (M)

W. 1/4 COR.
SEC. 34, T3N, R68W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 34591

CENTER 1/4 COR.
SEC. 34, T3N, R68W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 7735

34

SURFACE LOCATION: NAD 83
GROUND ELEVATION= 4978.5'
LATITUDE= 40.203156°
LONGITUDE= -104.993935°
LATITUDE= 40°12'11.362"
LONGITUDE= -104°59'38.165"
HEEL LOCATION: NAD 83
LATITUDE= 40.203776°
LONGITUDE= -104.990073°
LATITUDE= 40°12'13.594"
LONGITUDE= -104°59'24.264"
BOTTOM HOLE LOCATION: NAD 83
LATITUDE= 40.184457°
LONGITUDE= -104.990213°
LATITUDE= 40°11'04.045"
LONGITUDE= -104°59'24.767"

SW COR.
SEC. 34, T3N, R68W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 36073

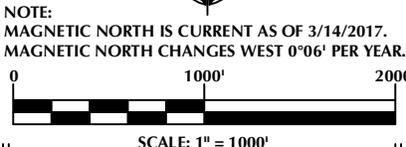
N 89°54'53" W 2649.30' (M)

S. 1/4 COR.
SEC. 34, T3N, R68W
FOUND 3 1/4" ALUM. CAP
P.L.S. NO. 18482

S 89°13'40" W 2626.52' (M)

SE COR.
SEC. 34, T3N, R68W
FOUND TWO 1" BRASS PLUG
REFERENCE MONUMENTS
PER CORNER RECORD
L.S. NO. 29420

19'37" 8'01"



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Randall K. French
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 38512
3/21/17

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