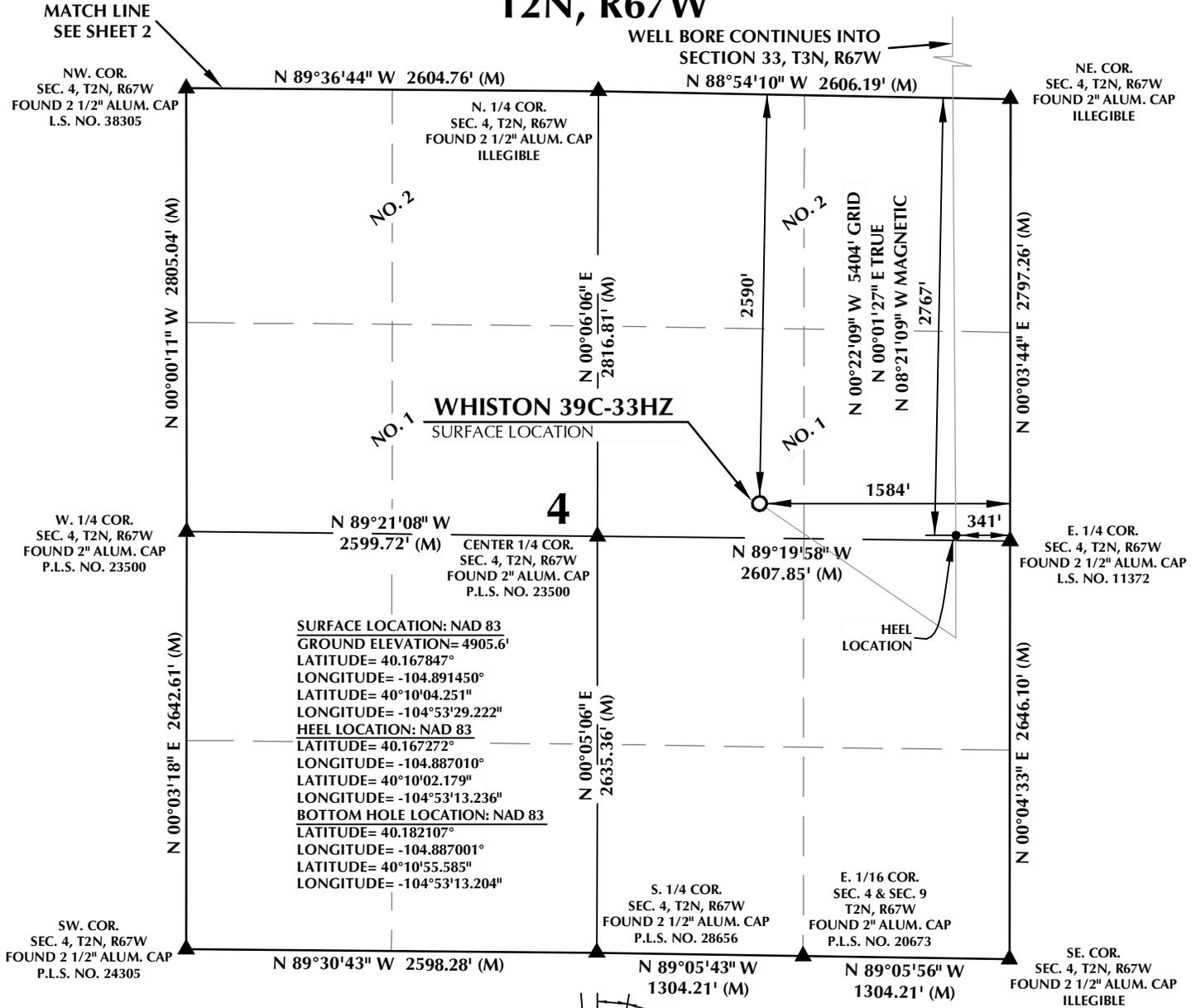


T2N, R67W

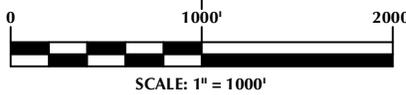
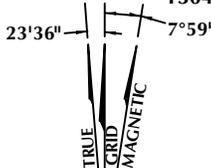
WELL BORE CONTINUES INTO SECTION 33, T3N, R67W



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.

Randall K. French
 RANDALL K. FRENCH
 PROFESSIONAL LAND SURVEYOR
 COLORADO REGISTRATION NUMBER 38512
 8/8/16



NOTE:
 MAGNETIC NORTH IS CURRENT AS OF 3/22/2016.
 MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.

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: .99972753 CALCULATED FROM THE W. 1/4 CORNER OF SECTION 4, T2N, R67W
- OPERATOR: ROB WILSON / PDOP = 1.6
- 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 N00°22'09"W, 5404' FROM THE HEEL LOCATION.
- NO. 1 & NO. 2 AS SHOWN HEREON ARE GOVERNMENT LOTS 1 & 2 PER THE ORIGINAL GLO SURVEY

WELL PAD - WHISTON 20N-33HZ

WHISTON 39C-33HZ
 WELL LOCATION CERTIFICATE
 2590' FNL & 1584' FEL, LOT 1 (SWNE) (SURFACE)
 2767' FNL & 341' FEL, LOT 1 (SENE) (HEEL)
 LOCATED IN SECTION 4
 T2N, R67W, 6TH P.M.
 2635' FSL & 353' FEL, NESE (BOTTOM)
 LOCATED IN SECTION 33
 T3N, R67W, 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

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DATE DRAFTED:	8/8/16	DATE SURVEYED:	3/21/16	1
REVISED:		FILE NAME:	15-54	1 OF 2

K:\LANDARKO\2015\54 WHISTON T2N, R67W 4PLATS\WHISTON 20N-33HZ PLAT.dwg, 8/8/2016 4:30:32 PM, l89

T3N, R67W

NW. COR.
SEC. 33, T3N, R67W
FOUND 2 1/2" ALUM. CAP
ILLEGIBLE

N 89°40'48" W 2598.98' (M)

N 89°40'33" W
1298.17' (M)

N 89°39'31" W
1298.62' (M)

NE. COR.
SEC. 33, T3N, R67W
FOUND 2" ALUM. CAP
P.L.S. NO. 23500

N 00°35'13" W 2655.98' (M)

N 00°31'59" W
2649.94' (M)

N 00°41'03" W 2643.06' (M)

CENTER 1/4 COR.
SEC. 33, T3N, R67W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 9644

BOTTOM OF HOLE:
2635' FSL & 353' FEL

N 89°49'16" W
2603.67' (M)

33

W. 1/4 COR.
SEC. 33, T3N, R67W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 23501

N 89°48'45" W
2596.39' (M)

E. 1/4 COR.
SEC. 33, T3N, R67W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 24305

SURFACE LOCATION: NAD 83
GROUND ELEVATION= 4905.6'
LATITUDE= 40.167847°
LONGITUDE= -104.891450°
LATITUDE= 40°10'04.251"
LONGITUDE= -104°53'29.222"
HEEL LOCATION: NAD 83
LATITUDE= 40.167272°
LONGITUDE= -104.887010°
LATITUDE= 40°10'02.179"
LONGITUDE= -104°53'13.236"
BOTTOM HOLE LOCATION: NAD 83
LATITUDE= 40.182107°
LONGITUDE= -104.887001°
LATITUDE= 40°10'55.585"
LONGITUDE= -104°53'13.204"

S. 1/4 COR.
SEC. 33, T3N, R67W
FOUND 2 1/2" ALUM. CAP
ILLEGIBLE

N 89°36'44" W 2604.76' (M)

N 88°54'10" W 2606.19' (M)

N 00°21'13" W 2631.43' (M)

N 00°31'58" W
2640.63' (M)

N 00°34'07" W 2682.42' (M)

N 00°22'09" W 5404' GRID
N 00°01'27" E TRUE
N 08°21'09" W MAGNETIC

SW. COR.
SEC. 33, T3N, R67W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 38305

SE. COR.
SEC. 33, T3N, R67W
FOUND 2" ALUM. CAP
ILLEGIBLE

MATCH LINE
SEE SHEET 1

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Randall K. French
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 38512
8/8/16

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.

23'36" 7°59'



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