

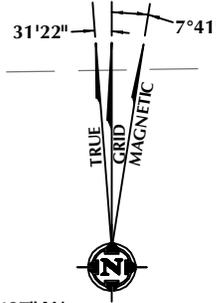
T3N, R65W

N. 1/4 COR.
SEC. 29, T3N, R65W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 33642

NE COR.
SEC. 29, T3N, R65W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 23501

NW COR.
SEC. 29, T3N, R65W
FOUND 3 1/4" ALUM. CAP
W.C. 30' WEST
OF TRUE CORNER
P.L.S. NO. 10855

SURFACE LOCATION: NAD 83
GROUND ELEVATION=4887.3'
LATITUDE= 40.190391°
LONGITUDE= -104.690733°
LATITUDE= 40°11'25.409"
LONGITUDE= -104°41'26.638"
HEEL LOCATION: NAD 83
LATITUDE= 40.191260°
LONGITUDE= -104.694293°
LATITUDE= 40°11'28.536"
LONGITUDE= -104°41'39.455"
BOTTOM HOLE LOCATION: NAD 83
LATITUDE= 40.173667°
LONGITUDE= -104.694205°
LATITUDE= 40°10'25.201"
LONGITUDE= -104°41'39.138"



W. 1/4 COR.
SEC. 29, T3N, R65W
FOUND 3 1/4" ALUM. CAP
W.C. 30' WEST
OF TRUE CORNER
P.L.S. NO. 10855

29

E. 1/4 COR.
SEC. 29, T3N, R65W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 30120

S. 1/16 COR.
SEC. 29 & SEC. 30,
T3N, R65W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 38285

SW COR.
SEC. 29, T3N, R65W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 20671

SW COR.
SEC. 29, T3N, R65W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 20671

S. 1/4 COR.
SEC. 29, T3N, R65W
FOUND 3 1/4" ALUM. CAP
ILLEGIBLE

MATCH LINE
SEE SHEET 2

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.

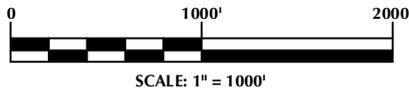
Randall K. French
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 38512
12/23/17

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.

WELLBORE CONTINUES
INTO SECTION 32

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: .99972501 CALCULATED FROM THE W. 1/4 CORNER OF SECTION 29, T3N, R65W
- OPERATOR: ROB WILSON / 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°44'26"E, 6409' FROM THE HEEL LOCATION.



NOTE:
MAGNETIC NORTH IS CURRENT AS OF 12/2/2016.
MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.

WELL PAD - RW 29N-5HZ

RW 4N-5HZ X
LOCATION CERTIFICATE
441' FSL & 1674' FWL SESW (SURFACE)
756' FSL & 680' FWL SWSW (HEEL)
LOCATED IN SECTION 29
T3N, R65W, 6TH P.M.
366' FNL & 747' FWL NWNW (BOTTOM)
LOCATED IN SECTION 5
T2N, R65W, 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
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Loveland, Colorado 80538
Phone 970-776-4331

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DATE DRAFTED:	1/23/17	DATE SURVEYED:	12/1/16	1
REVISED:		FILE NAME:	16-147	1 OF 3

T3N, R65W

N. 1/4 COR.
SEC. 32, T3N, R65W
FOUND 3 1/4" ALUM. CAP
ILLEGIBLE

MATCH LINE
SEE SHEET 1

NW COR.
SEC. 32, T3N, R65W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 20671

NE COR.
SEC. 32, T3N, R65W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 23501

N. 1/16 COR.
SEC. 31 & SEC. 32
T3N, R65W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 24307

31'22"
7°41'

CW. 1/16 COR.
SEC. 32, T3N, R65W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 24307

CENTER 1/4 COR.
SEC. 32, T3N, R65W
FOUND 2" ALUM. CAP
P.L.S. NO. 29413

32

W. 1/4 COR.
SEC. 32, T3N, R65W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 12330

E. 1/4 COR.
SEC. 32, T3N, R65W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 38175

SURFACE LOCATION: NAD 83
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SW COR.
SEC. 32, T3N, R65W
FOUND 2 1/2" ALUM. CAP
ILLEGIBLE

SE COR.
SEC. 32, T3N, R65W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 23501

WELLBORE
CONTINUES INTO
SECTION 5, T2N, R65W

S. 1/4 COR.
SEC. 32, T3N, R65W
FOUND 2" ALUM. CAP
P.L.S. NO. 29413

MATCH LINE
SEE SHEET 3

CERTIFICATE OF SURVEYOR:

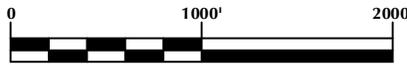
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SCALE: 1" = 1000'

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RW 4N-5HZX
LOCATION CERTIFICATE
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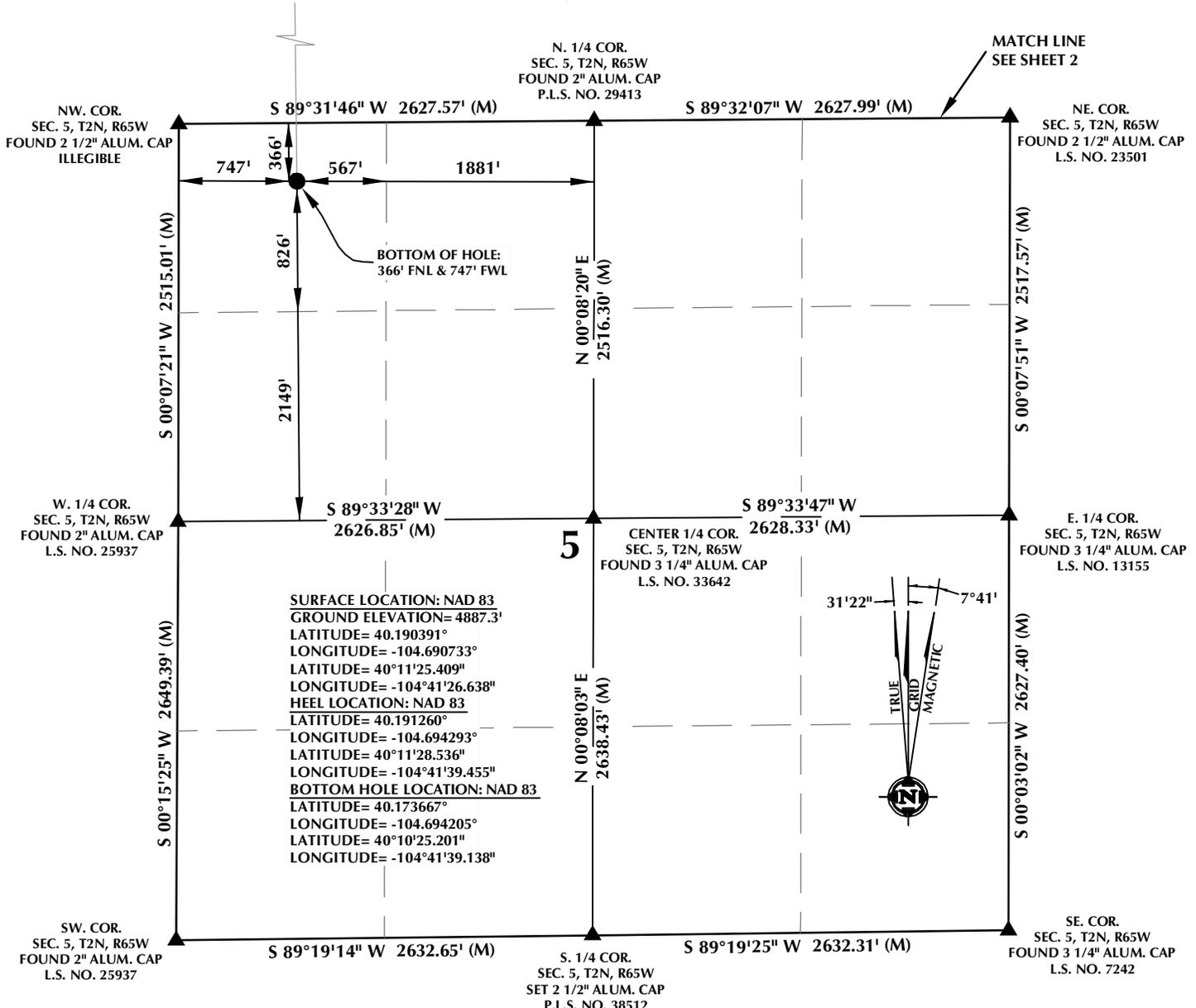
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T2N, R65W

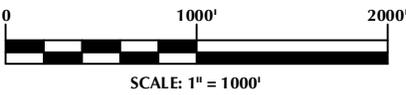


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Randall K. French
RANDALL K. FRENCH
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 COLORADO REGISTRATION NUMBER 38512

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