

T1N, R68W

NW. COR.
SEC. 8, T1N, R68W
FOUND 3 1/4" BLM
BRASS CAP

S 89°36'55" W 2754.26' (M)

S 89°33'45" W 2720.88' (M)

NE. COR.
SEC. 8, T1N, R68W
FOUND 2 1/2" ALUM. CAP
L.S. NO 38459

SURFACE LOCATION: NAD 83
GROUND ELEVATION= 5106.3'
LATITUDE= 40.059236°
LONGITUDE= -105.026395°
LATITUDE= 40°03'33.248"
LONGITUDE= -105°01'35.022"
HEEL LOCATION: NAD 83
LATITUDE= 40.058193°
LONGITUDE= -105.020346°
LATITUDE= 40°03'29.494"
LONGITUDE= -105°01'13.247"
BOTTOM HOLE LOCATION: NAD 83
LATITUDE= 40.044018°
LONGITUDE= -105.020424°
LATITUDE= 40°02'38.465"
LONGITUDE= -105°01'13.526"

N 00°55'53" E 2672.82' (M)

N 00°01'47" E
2671.86' (M)

N 00°48'32" E 2674.27' (M)

W. 1/4 COR.
SEC. 8, T1N, R68W
FOUND 3 1/4" ALUM. CAP
P.L.S. NO. 37971

S 89°36'31" W
2796.33' (M)

S 89°36'08" W
2684.49' (M)

E. 1/4 COR.
SEC. 8, T1N, R68W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 23501

8

CENTER 1/4 COR.
SEC. 8, T1N, R68W
FOUND 3 1/4" ALUM. CAP
P.L.S. NO. 37990

N 03°06'31" W 2730.35' (M)

N 00°00'58" E
2700.51' (M)

N 00°49'07" E 2673.94' (M)

SW. COR.
SEC. 8, T1N, R68W
FOUND 3 1/4" BLM
BRASS CAP

S. 1/4 COR.
SEC. 8, T1N, R68W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 28258

SE. COR.
SEC. 8, T1N, R68W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 23501

S 89°01'40" W 2647.82' (M)

S 89°00'57" W 2647.38' (M)

MATCH LINE
SEE SHEET 2

WELLBORE CONTINUES
INTO SECTION 17

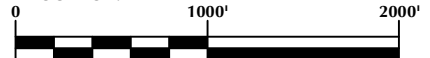
SHUMAKER 8-9HZ
SURFACE LOCATION

351'

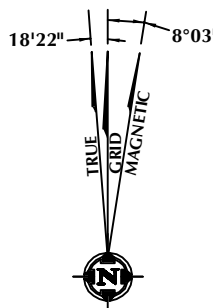
2306'

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: .99972035 CALCULATED FROM THE S. 1/4 CORNER OF SECTION 17, T1N, R68W
- 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 S00°04'07"E, 5164' FROM THE HEEL LOCATION.



SCALE: 1" = 1000'



NOTE:
MAGNETIC NORTH IS CURRENT AS OF 3/20/2017.
MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.

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. 38-51-202 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

Randall K. French
RANDALL K. FRENCH
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 38512
3/24/17

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.

WELL PAD - SHUMAKER 8-5HZ

SHUMAKER 8-9HZ
WELL LOCATION CERTIFICATE
351' FSL & 2306' FEL SWSE (SURFACE)
LOCATED IN SECTION 8
49' FNL & 607' FEL NENE (HEEL)
52' FSL & 621' FEL SESE (BOTTOM)
LOCATED IN SECTION 17
T1N, R68W, 6TH P.M.
WELD COUNTY, COLORADO

**Kerr-McGee Oil &
Gas Onshore L.P.**
1099 18th Street
Denver, Colorado 80202



CONSULTING, LLC

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Sheridan, Wyoming 82801
Phone 307-674-0609

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DRAFTED BY:	LMO	CHECKED BY:	RKF	SHEET NO:
DATE DRAFTED:	3/24/17	DATE SURVEYED:	3/2/17	1
REVISED:		FILE NAME:	16-04	1 OF 2

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