

# T2N, R67W

WELL BORE CONTINUES INTO  
SECTION 33, T3N, R67W

MATCH LINE  
SEE SHEET 2

NW. COR.  
SEC. 4, T2N, R67W  
FOUND 3" ALUM. CAP  
L.S. NO. 38305

NE. COR.  
SEC. 4, T2N, R67W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

N. 1/4 COR.  
SEC. 4, T2N, R67W  
FOUND 2 1/2" ALUM. CAP  
ILLEGIBLE

SURFACE LOCATION: NAD 83  
GROUND ELEVATION= 4886.0'  
LATITUDE= 40.169183°  
LONGITUDE= -104.897105°  
LATITUDE= 40°10'09.058"  
LONGITUDE= -104°53'49.579"  
HEEL LOCATION: NAD 83  
LATITUDE= 40.168656°  
LONGITUDE= -104.900088°  
LATITUDE= 40°10'07.162"  
LONGITUDE= -104°54'00.318"  
BOTTOM HOLE LOCATION: NAD 83  
LATITUDE= 40.181013°  
LONGITUDE= -104.900084°  
LATITUDE= 40°10'51.647"  
LONGITUDE= -104°54'00.302"

W. 1/4 COR.  
SEC. 4, T2N, R67W  
FOUND 2" ALUM. CAP  
L.S. NO. 23500

E. 1/4 COR.  
SEC. 4, T2N, R67W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 11372

S. 1/4 COR.  
SEC. 4, T2N, R67W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 28656

E. 1/16 COR.  
SEC. 4 & SEC. 9  
T2N, R67W  
FOUND 2" ALUM. CAP  
L.S. NO. 20673

SE. COR.  
SEC. 4, T2N, R67W  
FOUND 2 1/2" ALUM. CAP  
ILLEGIBLE

**BABCOCK 19N-33HZ**  
SURFACE LOCATION

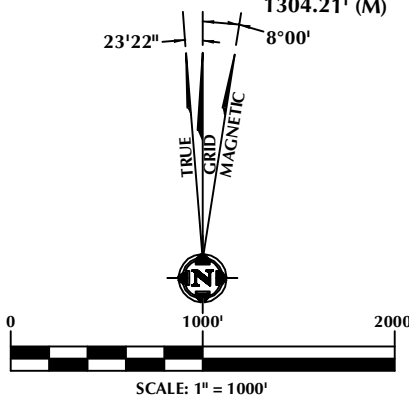
4

## 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

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.



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

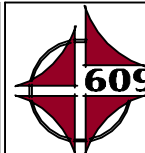
## NOTES:

- ▲ 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°22'19"W, 4501' FROM THE HEEL LOCATION.
- LOTS 1 & 2 AS SHOWN HEREON ARE GOVERNMENT LOTS 1 & 2 OF THE ORIGINAL GLO SURVEY

## WELL PAD - BABCOCK 19N-33HZ

**BABCOCK 19N-33HZ**  
WELL LOCATION CERTIFICATE  
2138' FNL & 2040' FWL, LOT 1 (SENW) (SURFACE)  
2341' FNL & 1208' FWL, LOT 1 (SWNW) (HEEL)  
LOCATED IN SECTION 4  
T2N, R67W, 6TH P.M.  
2160' FSL & 1192' FWL NWSW (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

DRAFTED BY:	LMO	CHECKED BY:	RKF	SHEET NO:
DATE DRAFTED:	4/27/16	DATE SURVEYED:	3/21/16	1
REVISED:	5/17/16	FILE NAME:	15-77	1 OF 2

# T3N, R67W

NW. COR.  
SEC. 33, T3N, R67W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 19585

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  
L.S. NO. 23500

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GROUND ELEVATION= 4886.0'  
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LATITUDE= 40.181013°  
LONGITUDE= -104.900084°  
LATITUDE= 40°10'51.647"  
LONGITUDE= -104°54'00.302"

N 00°31'59" W  
2649.74' (C)

N 00°41'03" W 2643.06' (M)

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

N 89°49'00" W  
2596.39' (C)

N 89°49'00" W  
2603.67' (C)

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

N 00°21'13" W 2631.43' (M)

BOTTOM OF HOLE:  
2160' FSL & 1192' FWL

N 00°22'19" W 4501' GRID  
N 00°01'03" E TRUE  
N 08°22'19" W MAGNETIC

N 00°31'59" W  
2640.82' (C)

N 00°34'07" W 2682.42' (M)

SW. COR.  
SEC. 33, T3N, R67W  
FOUND 3" ALUM. CAP  
L.S. NO. 38305

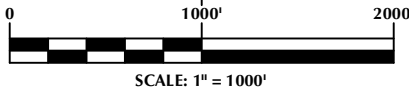
N 89°36'44" W 2604.76' (M)

N 88°54'10" W 2606.19' (M)

SE. COR.  
SEC. 33, T3N, R67W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

33

23°22" 8°00'



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