

BOTTOM OF HOLE:  
50' FNL & 2682' FWL

**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

N 00°55'53" E 2672.82' (M)

N 00°23'46" W 5272' GRID  
N 00°05'29" W TRUE  
N 08°16'46" W MAGNETIC

**SURFACE LOCATION: NAD 83**  
GROUND ELEVATION= 5083.6'  
LATITUDE= 40.060258°  
LONGITUDE= -105.028603°  
LATITUDE= 40°03'36.929"  
LONGITUDE= -105°01'42.970"  
**HEEL LOCATION: NAD 83**  
LATITUDE= 40.058397°  
LONGITUDE= -105.027754°  
LATITUDE= 40°03'30.230"  
LONGITUDE= -105°01'39.915"  
**BOTTOM HOLE LOCATION: NAD 83**  
LATITUDE= 40.072871°  
LONGITUDE= -105.027784°  
LATITUDE= 40°04'22.336"  
LONGITUDE= -105°01'40.022"

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

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)

**MAE J 8-12HZ**  
SURFACE LOCATION

2411'

N 00°00'58" E 2700.51' (M)

HEEL LOCATION

N 00°49'07" E 2673.94' (M)

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

S 89°01'40" W 2647.82' (M)

S 89°00'57" W 2647.38' (M)

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

N 00°02'23" W 2677.85' (M)

W. 1/4 COR.  
SEC. 17, T1N, R68W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 38459

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

N 00°13'08" W 2653.99' (C)

N 00°12'49" W 2630.89' (M)

E. 1/4 COR.  
SEC. 17, T1N, R68W  
FOUND 2" ALUM. CAP  
L.S. NO. 14083

**CERTIFICATE OF SURVEYOR:**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS 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. § 38-5-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

*Randall K. French*  
38512  
PROFESSIONAL LAND SURVEYOR  
11/20/18  
RANDALL K. FRENCH  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 38512

NOTICE:  
ACCORDING TO COLORADO STATE LAW YOU MUST EXERCISE CAUTION IN LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BE 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 10/26/2018.  
MAGNETIC NORTH CHANGES  
WEST 0°06' PER YEAR.



SCALE: 1" = 1000'

**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: .99972107 CALCULATED FROM THE W. 1/4 CORNER OF SECTION 17, T1N, R68W.
- 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 N00°23'46"W, 5272' FROM THE HEEL LOCATION.

**WELL PAD - MAE J 14-8HZ**

MAE J 8-12HZ  
WELL LOCATION CERTIFICATE  
731' FSL & 2411' FWL SESW (SURFACE)  
50' FSL & 2615' FWL SESW (HEEL)  
50' FNL & 2682' FWL NENW (BOTTOM)  
LOCATED IN SECTION 8  
T1N, R68W, 6TH P.M.  
WELD COUNTY, COLORADO

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



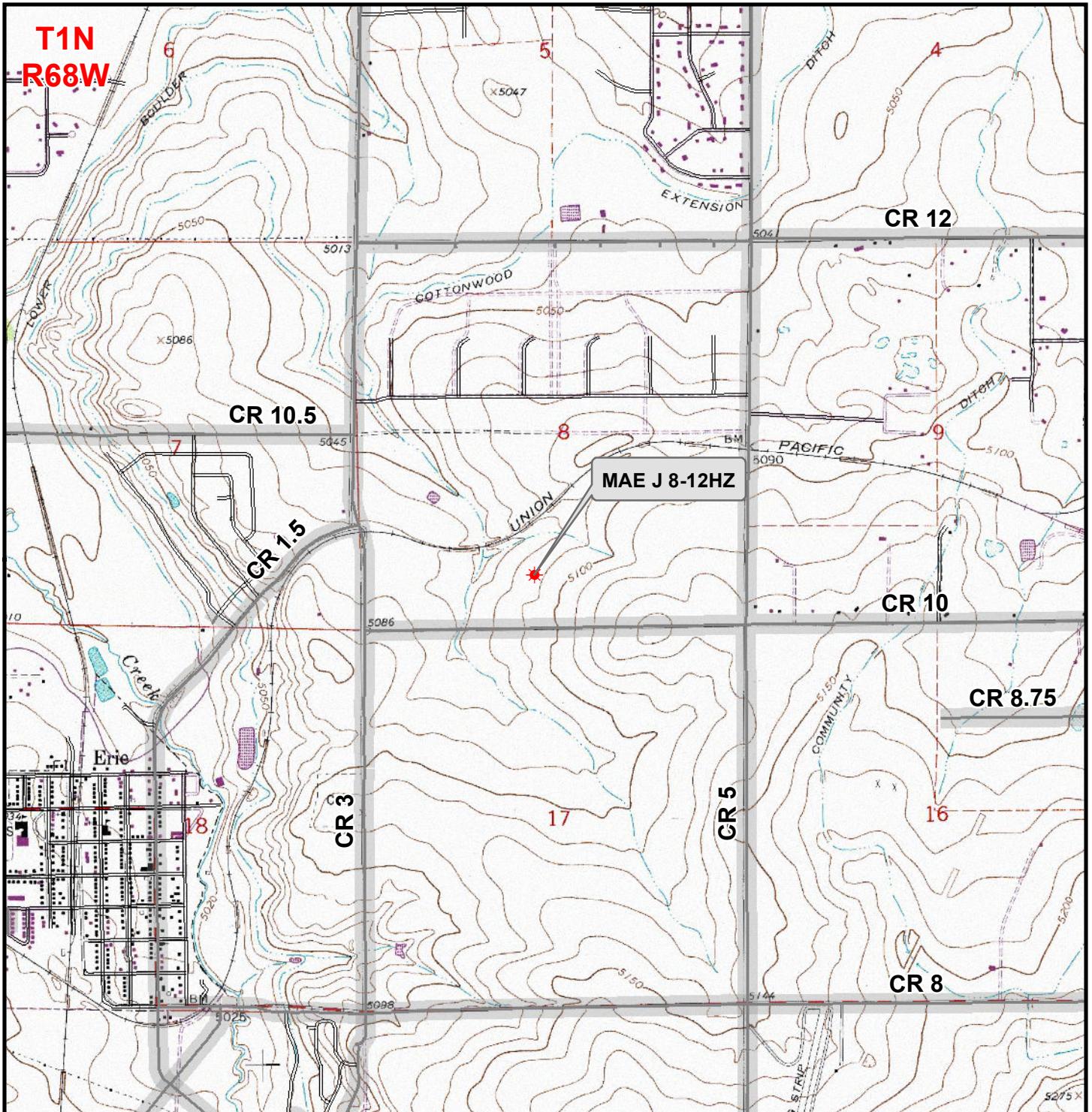
**CONSULTING, LLC**

SHERIDAN OFFICE  
1095 Saberton Avenue  
Sheridan, Wyoming 82801  
Phone 307-674-0609

LOVELAND OFFICE  
6706 North Franklin Avenue  
Loveland, Colorado 80538  
Phone 970-776-4331

DRAFTED BY:	LMO	CHECKED BY:	RKF
DATE DRAFTED:	11/20/18	DATE SURVEYED:	10/26/18
REVISED:		FILE NAME:	16-04

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**Legend**

- Well - Proposed
- Road - Primitive - Existing
- Road - County - Existing
- Road - Improved - Existing
- Road - Highway - Existing

**WELL PAD - MAE J 14-8HZ**  
**GENERAL LOCATION MAP**  
**MAE J 8-12HZ**  
**LOCATED IN SECTION 8**  
**T1N, R68W, 6th P.M.**  
**WELD COUNTY, COLORADO**

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

	<b>CONSULTING, LLC</b>			
	SHERIDAN OFFICE 1095 Saberton Avenue Sheridan, Wyoming 82801 Phone 307-674-0609	LOVELAND OFFICE 6706 North Franklin Avenue Loveland, Colorado 80538 Phone 970-776-4331		
	SCALE: 1" = 2,000ft	NAD83 CO-Nft		
DRAWN: DP	DATE: 14 Nov 2018			
REVISED:	DATE:			