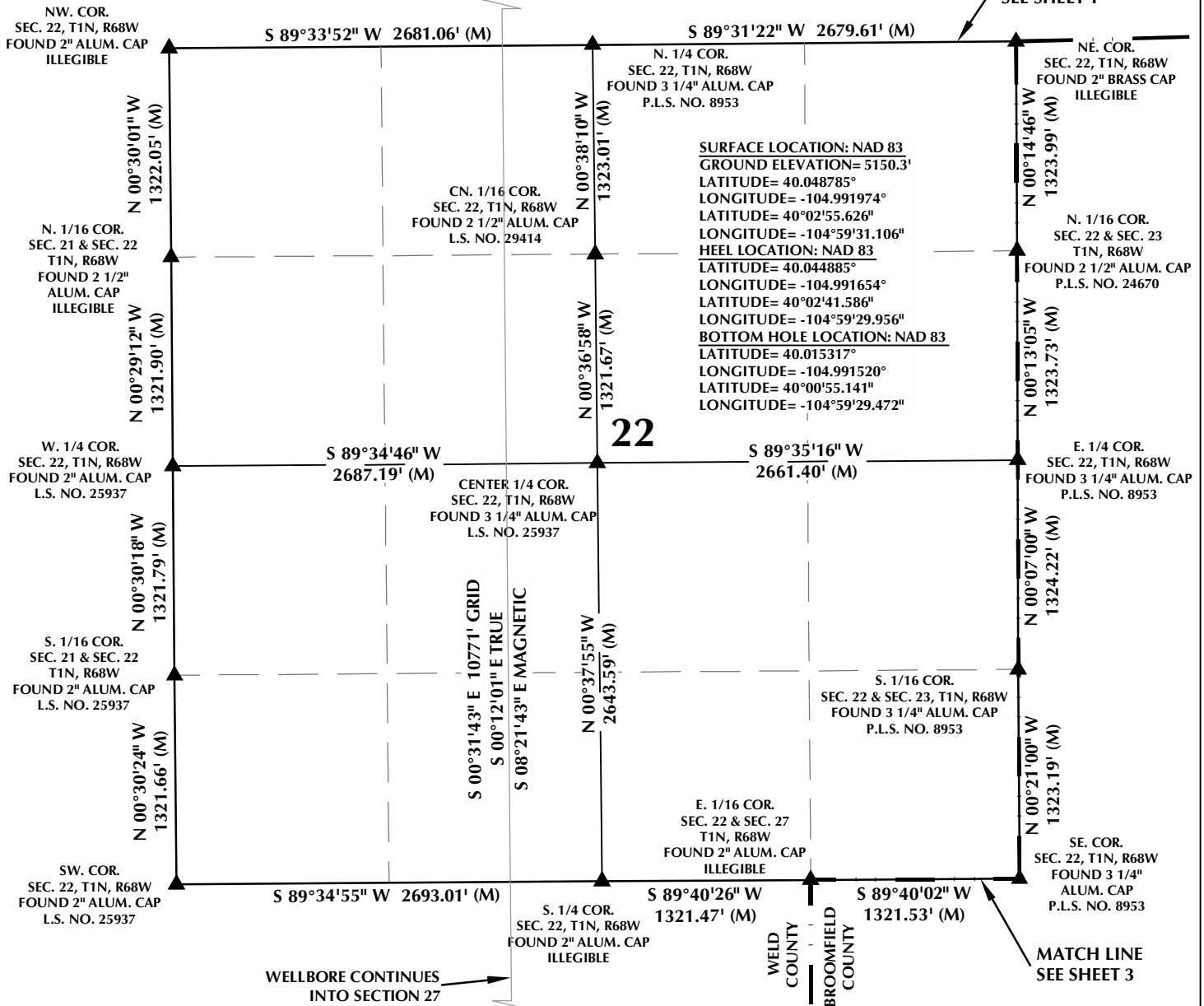


## C:\ANADARKO\2015\_108\_CLELAND\_T1N\_R68W\_15\PLATS\CLELAND 11-15H PLATS.dwg, 3/25/2019 3:45:53 PM, randy

# T1N, R68W



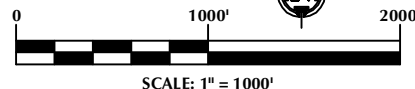
## CERTIFICATE OF SURVEYOR:

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.S. 38-5-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

**Randall K. French**  
 38512  
 3/25/19  
 RANDALL K. FRENCH  
 PROFESSIONAL LAND SURVEYOR  
 COLORADO REGISTRATION NUMBER 38512

**NOTICE:**  
 ACCORDING TO COLORADO STATE LAW YOU MUST RECORD THIS PLAT IN A PUBLIC RECORD TO AVOID 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 3/19/2019.  
 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: .99972060 CALCULATED FROM THE CENTER 1/4 CORNER OF SECTION 15, T1N, R68W. OPERATOR: TRAVIS HOLLAND / 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°31'43"E, 10771' FROM THE HEEL LOCATION.

## WELL PAD - CLELAND 11-15HZ

**CLELAND 15-5HZ**  
**WELL LOCATION CERTIFICATE**  
 1771' FSL & 2021' FWL NESW (SURFACE)  
 350' FSL & 2109' FWL SESW (HEEL)  
 LOCATED IN SECTION 15, WELD COUNTY, COLORADO  
 155' FSL & 2110' FWL SESW (BOTTOM)  
 LOCATED IN SECTION 27  
 T1N, R68W, 6TH P.M.  
 BROOMFIELD 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	SHEET NO:
DATE DRAFTED:	3/25/19	DATE SURVEYED:	3/19/19	2
REVISED:		FILE NAME:	15-108	2 OF 3

**T1N, R68W**NW. COR.  
SEC. 27, T1N, R68W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937N. 1/4 COR.  
SEC. 27, T1N, R68W  
FOUND 2" ALUM. CAP  
ILLEGIBLES 89°40'26" W  
1321.47' (M)MATCH LINE  
SEE SHEET 2S 89°40'02" W  
1321.53' (M)NE. COR.  
SEC. 27, T1N, R68W  
FOUND 3 1/4" ALUM. CAP  
P.L.S. NO. 8953

N 00°33'21" W 2642.83' (M)

E. 1/16 COR.  
SEC. 22 & SEC. 27, T1N, R68W  
FOUND 2" ALUM. CAP  
ILLEGIBLEN 00°05'32" W  
2643.07' (M)N. 1/16 COR.  
SEC. 26 & SEC. 27, T1N, R68W  
FOUND 3 1/4" ALUM. CAP  
ILLEGIBLEN 00°00'36" E  
1317.08' (M)N 00°00'41" E  
1322.14' (M)CENTER 1/4 COR.  
SEC. 27, T1N, R68W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 24305**27**W. 1/4 COR.  
SEC. 27, T1N, R68W  
FOUND 3 1/4" ALUM. CAP  
P.L.S. NO. 18482S 89°35'12" W  
2671.61' (M)S 89°35'11" W  
2638.28' (M)E. 1/4 COR.  
SEC. 27, T1N, R68W  
FOUND 3 1/4" ALUM. CAP  
P.L.S. NO. 8953

N 00°34'03" W 2642.11' (M)

S 00°31'43" E 10771' GRID  
S 00°12'01" E TRUE  
S 08°21'43" E MAGNETICN 00°00'57" E  
2645.92' (M)

SURFACE LOCATION: NAD 83  
GROUND ELEVATION= 5150.3'  
LATITUDE= 40.048785°  
LONGITUDE= -104.991974°  
LATITUDE= 40°02'55.626"  
LONGITUDE= -104°59'31.106"  
HEEL LOCATION: NAD 83  
LATITUDE= 40.044885°  
LONGITUDE= -104.991654°  
LATITUDE= 40°02'41.586"  
LONGITUDE= -104°59'29.956"  
BOTTOM HOLE LOCATION: NAD 83  
LATITUDE= 40.015317°  
LONGITUDE= -104.991520°  
LATITUDE= 40°00'55.141"  
LONGITUDE= -104°59'29.472"

BOTTOM OF HOLE:  
155' FSL & 2110' FWL

2110'

S. 1/4 COR.  
SEC. 27, T1N, R68W  
FOUND 3 1/4" ALUM. CAP  
ILLEGIBLESE. COR.  
SEC. 27, T1N, R68W  
FOUND 3 1/4" ALUM. CAP  
P.L.S. NO. 8953SW. COR.  
SEC. 27, T1N, R68W  
FOUND 3 1/4" ALUM. CAP  
P.L.S. NO. 13258

S 89°40'04" W 2644.69' (M)

S 89°41'16" W 2644.36' (M)

155'

WELD  
COUNTY  
BROOMFIELD  
COUNTY**CERTIFICATE OF SURVEYOR:**

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*Randall K. French*  
38512  
PROFESSIONAL LAND SURVEYOR  
3/25/19  
COLORADO REGISTRATION NUMBER 38512

NOTICE:  
ACCORDING TO COLORADO STATE LAW YOU MUST TAKE 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:  
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WEST 0°06' PER YEAR.



SCALE: 1" = 1000'

**NOTES:**

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OPERATOR: TRAVIS HOLLAND / PDOP = 1.4.
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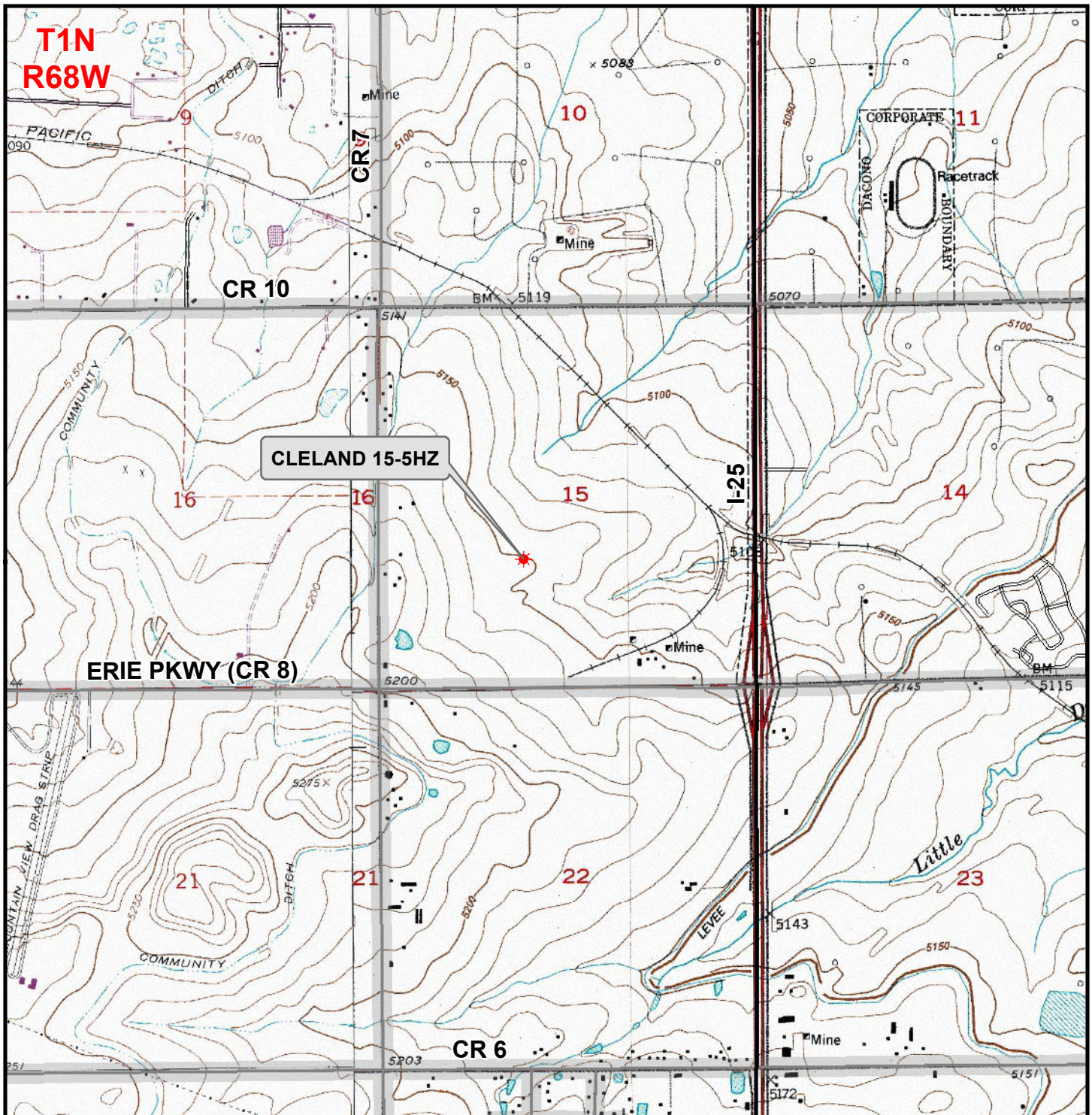
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REVISED:		FILE NAME:	15-108	3 OF 3



### Legend

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

**WELL PAD - CLELAND 11-15HZ**  
**GENERAL LOCATION MAP**  
**CLELAND 15-5HZ**  
**LOCATED IN SECTION 15**  
**T1N, R68W, 6th P.M.**  
**WELD COUNTY, COLORADO**

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SCALE: 1" = 2,000ft

NAD83 CO-Nft

DRAWN: DP

DATE: 4 Apr 2019

REVISED:

DATE: