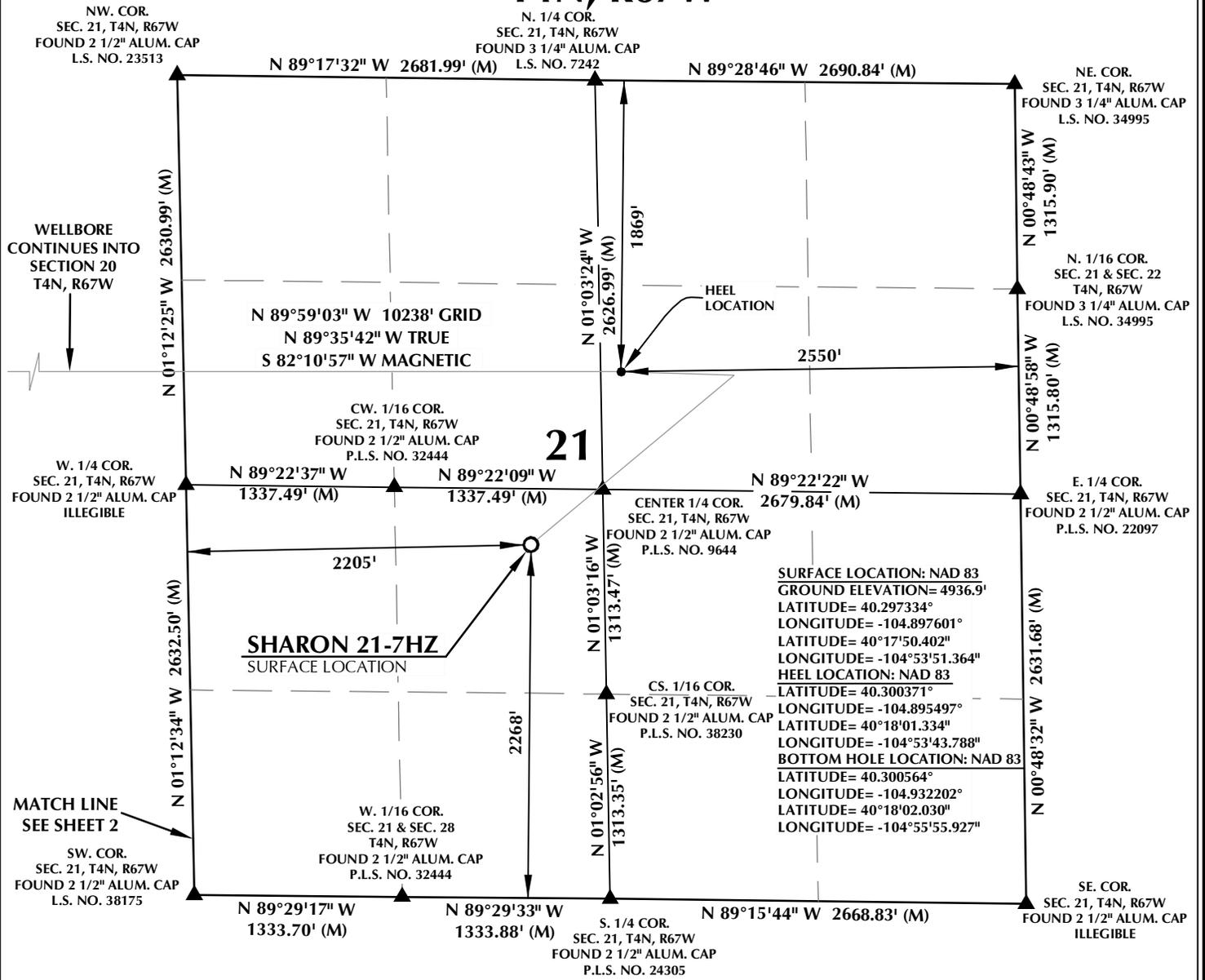


# T4N, R67W



**SURFACE LOCATION: NAD 83**  
 GROUND ELEVATION= 4936.9'  
 LATITUDE= 40.297334°  
 LONGITUDE= -104.897601°  
 LATITUDE= 40°17'50.402"  
 LONGITUDE= -104°53'51.364"  
**HEEL LOCATION: NAD 83**  
 LATITUDE= 40.300371°  
 LONGITUDE= -104.895497°  
 LATITUDE= 40°18'01.334"  
 LONGITUDE= -104°53'43.788"  
**BOTTOM HOLE LOCATION: NAD 83**  
 LATITUDE= 40.300564°  
 LONGITUDE= -104.932202°  
 LATITUDE= 40°18'02.030"  
 LONGITUDE= -104°55'55.927"

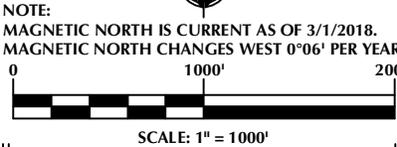
- NOTES:**
- ▲ INDICATES SECTION CORNER.
  - INDICATES CALCULATED CORNER.
  - ELEVATION BASED ON NAVD88 (GEOID12B).
  - BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
  - ALL MEASURED DISTANCES ARE GRID.  
COMBINED SCALE FACTOR: .99972673 CALCULATED FROM THE CENTER 1/4 CORNER OF SECTION 20, T4N, R67W.  
OPERATOR: NICK ROADIFER / PDOP = 1.2.
  - 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 N89°59'03"W, 10238' FROM THE HEEL LOCATION.

**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 SAID PLAT IS 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*  
 RANDALL K. FRENCH  
 PROFESSIONAL LAND SURVEYOR  
 COLORADO REGISTRATION NUMBER 38512  
 3/22/18

NOTICE: ACCORDING TO COLORADO STATE LAW YOU MUST COMMENCE 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 - SHARON 11-21HZ**

SHARON 21-7HZ  
 WELL LOCATION CERTIFICATE  
 2268' FSL & 2205' FWL NESW (SURFACE)  
 1869' FNL & 2550' FEL SWNE (HEEL)  
 LOCATED IN SECTION 21  
 2068' FNL & 2561' FEL SWNE (BOTTOM)  
 LOCATED IN SECTION 19  
 T4N, R67W, 6TH P.M.  
 WELD COUNTY, COLORADO

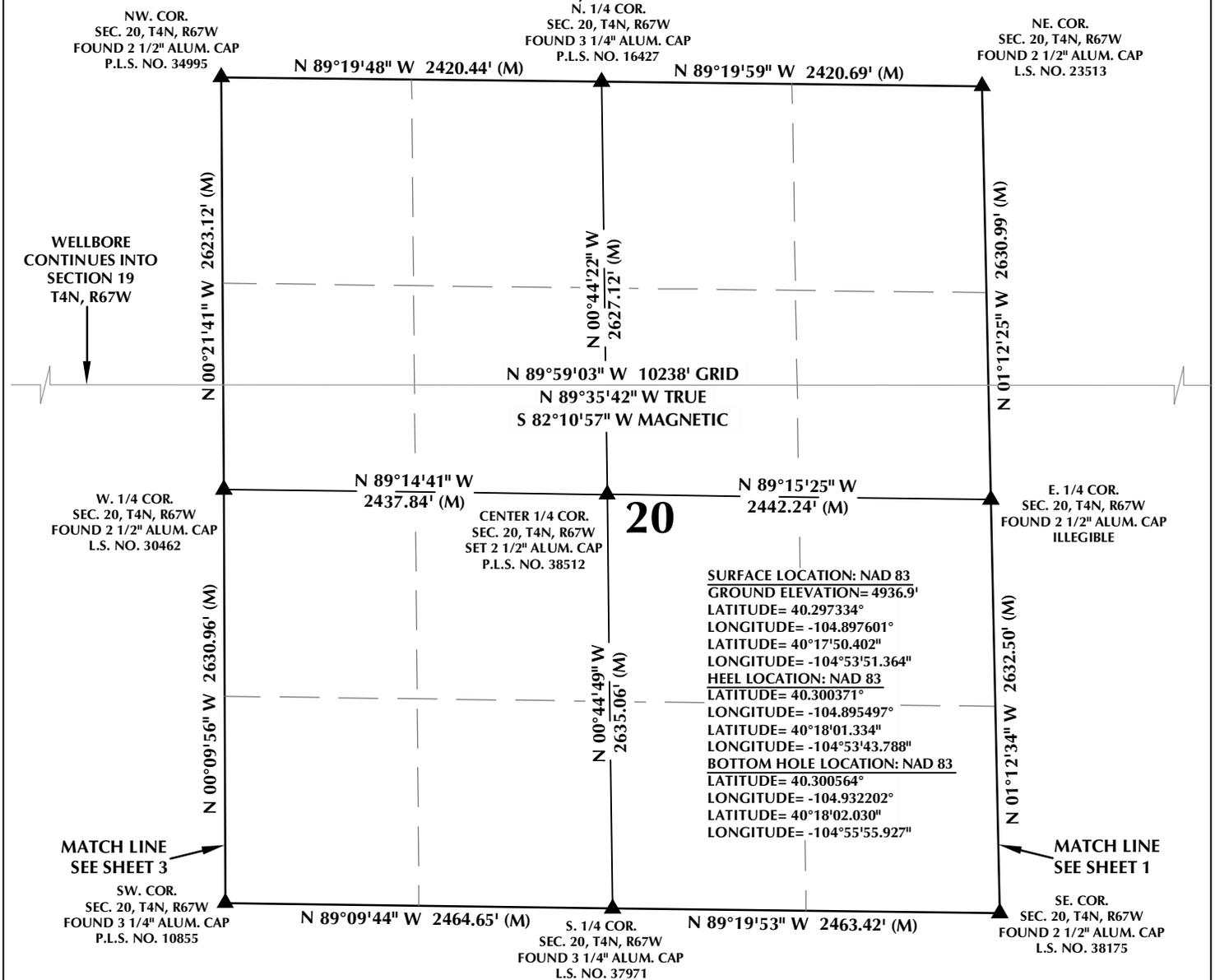
**Kerr-McGee Oil & Gas Onshore L.P.**  
 1099 18th Street  
 Denver, Colorado 80202

**609 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: <b>1</b> 1 OF 3
DATE DRAFTED: 3/22/18	DATE SURVEYED: 3/1/18	
REVISED:	FILE NAME: 17-235	

# T4N, R67W

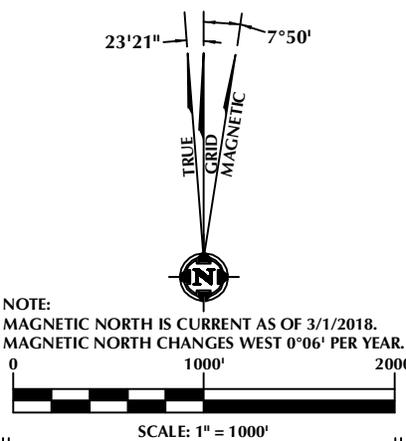


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### NOTES:

- ▲ INDICATES SECTION CORNER.
- INDICATES CALCULATED CORNER.
- ELEVATION BASED ON NAVD88 (GEOID12B).
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- ALL MEASURED DISTANCES ARE GRID.  
COMBINED SCALE FACTOR: .99972673 CALCULATED FROM THE CENTER 1/4 CORNER OF SECTION 20, T4N, R67W.  
OPERATOR: NICK ROADIFER / PDOP = 1.2.
- 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 N89°59'03"W, 10238' FROM THE HEEL LOCATION.

**WELL PAD - SHARON 11-21HZ**

SHARON 21-7HZ  
 WELL LOCATION CERTIFICATE  
 2268' FSL & 2205' FWL NESW (SURFACE)  
 1869' FNL & 2550' FEL SWNE (HEEL)  
 LOCATED IN SECTION 21  
 2068' FNL & 2561' FEL SWNE (BOTTOM)  
 LOCATED IN SECTION 19  
 T4N, R67W, 6TH P.M.  
 WELD COUNTY, COLORADO

**Kerr-McGee Oil & Gas Onshore L.P.**

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 Denver, Colorado 80202

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DRAFTED BY: LMO	CHECKED BY: RKF	SHEET NO: <b>2</b> 2 OF 3
DATE DRAFTED: 3/22/18	DATE SURVEYED: 3/1/18	
REVISED:	FILE NAME: 17-235	

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# T4N, R67W

N. 1/4 COR.  
SEC. 19, T4N, R67W  
FOUND 3 1/4" ALUM. CAP  
ILLEGIBLE

NW. COR.  
SEC. 19, T4N, R67W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 34995

NE. COR.  
SEC. 19, T4N, R67W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 34995

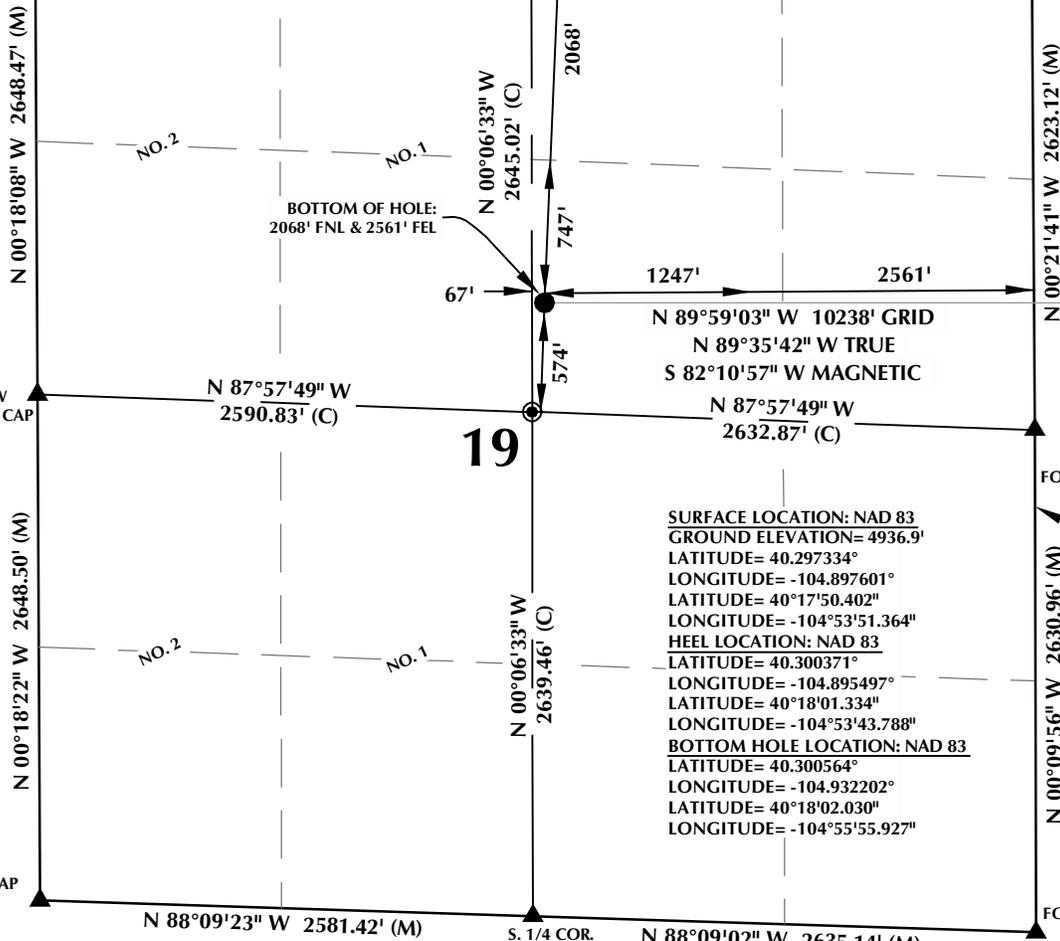
W. 1/4 COR.  
SEC. 19, T4N, R67W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 38065

E. 1/4 COR.  
SEC. 19, T4N, R67W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 30462

SW. COR.  
SEC. 19, T4N, R67W  
FOUND 3 1/4" ALUM. CAP  
P.L.S. NO. 38285

S. 1/4 COR.  
SEC. 19, T4N, R67W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 10945

SE. COR.  
SEC. 19, T4N, R67W  
FOUND 3 1/4" ALUM. CAP  
P.L.S. NO. 10855



**SURFACE LOCATION: NAD 83**  
GROUND ELEVATION= 4936.9'  
LATITUDE= 40.297334°  
LONGITUDE= -104.897601°  
LATITUDE= 40°17'50.402"  
LONGITUDE= -104°53'51.364"  
**HEEL LOCATION: NAD 83**  
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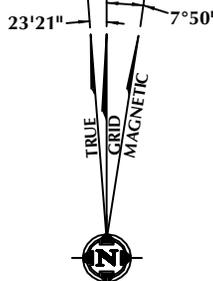
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*Randall K. French*  
PROFESSIONAL LAND SURVEYOR  
38512

RANDALL K. FRENCH  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 38512  
3/22/18

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SCALE: 1" = 1000'

## NOTES:

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- INDICATES CALCULATED CORNER.
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- WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
- THE BOTTOM OF HOLE BEARS N89°59'03"W, 10238' FROM THE HEEL LOCATION.
- NO. 1 & NO. 2 AS SHOWN HEREON ARE GOVERNMENT LOTS 1 & 2 PER THE ORIGINAL GLO SURVEY.

## WELL PAD - SHARON 11-21HZ

SHARON 21-7HZ  
WELL LOCATION CERTIFICATE  
2268' FSL & 2205' FWL NESW (SURFACE)  
1869' FNL & 2550' FEL SWNE (HEEL)  
LOCATED IN SECTION 21  
2068' FNL & 2561' FEL SWNE (BOTTOM)  
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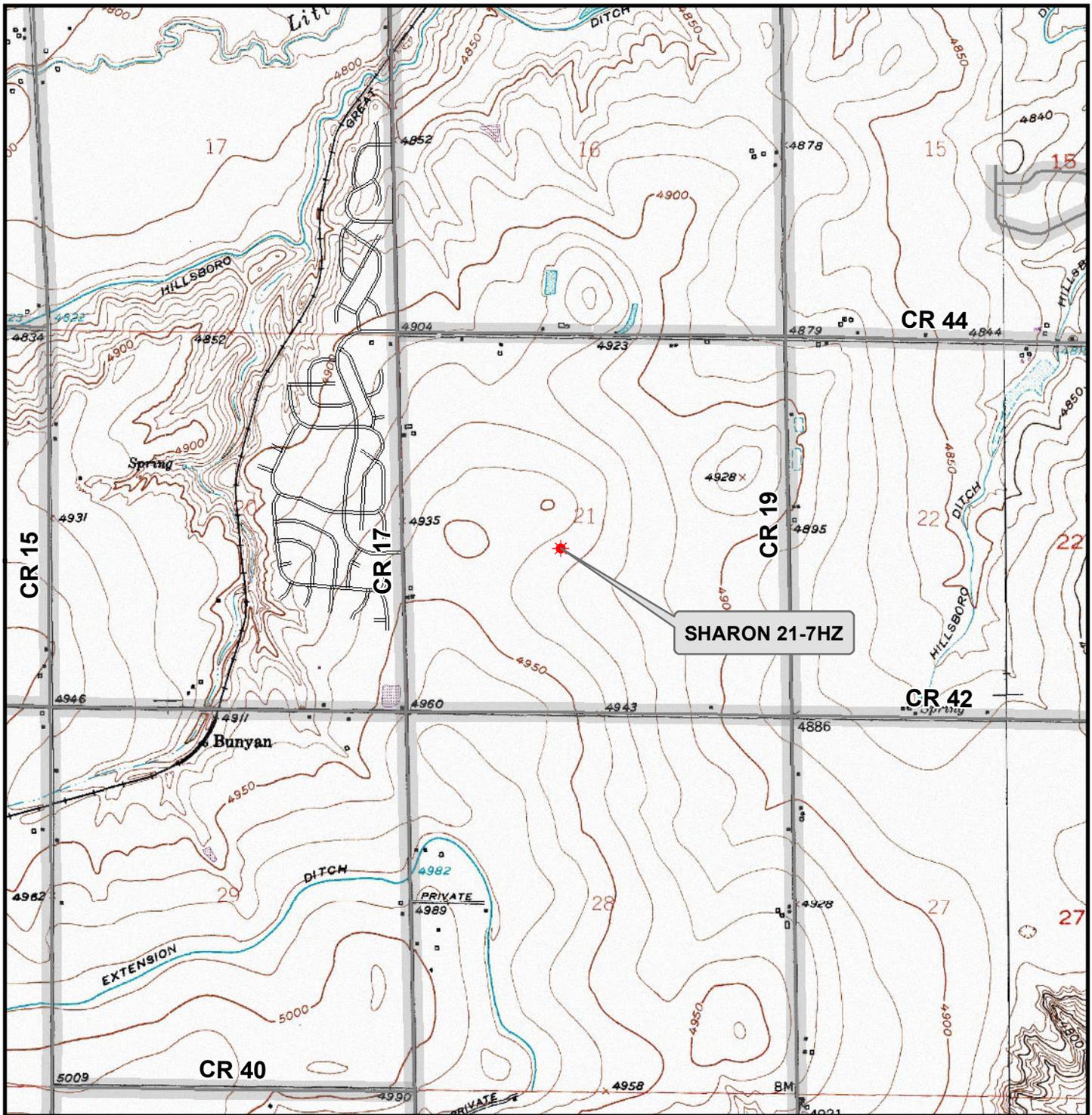
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DATE DRAFTED: 3/22/18	DATE SURVEYED: 3/1/18	
REVISED:	FILE NAME: 17-235	

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**Legend**

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

**WELL PAD - SHARON 11-21HZ**  
**GENERAL LOCATION MAP**  
**SHARON 21-7HZ**  
**LOCATED IN SECTION 21**  
**T4N, R67W, 6th P.M.**  
**WELD COUNTY, COLORADO**

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 Loveland, Colorado 80538  
 Phone 970-776-4331



SCALE: 1" = 2,000ft	NAD83 CO-Nft
DRAWN: DP	DATE: 22 Mar 2018
REVISED:	DATE: