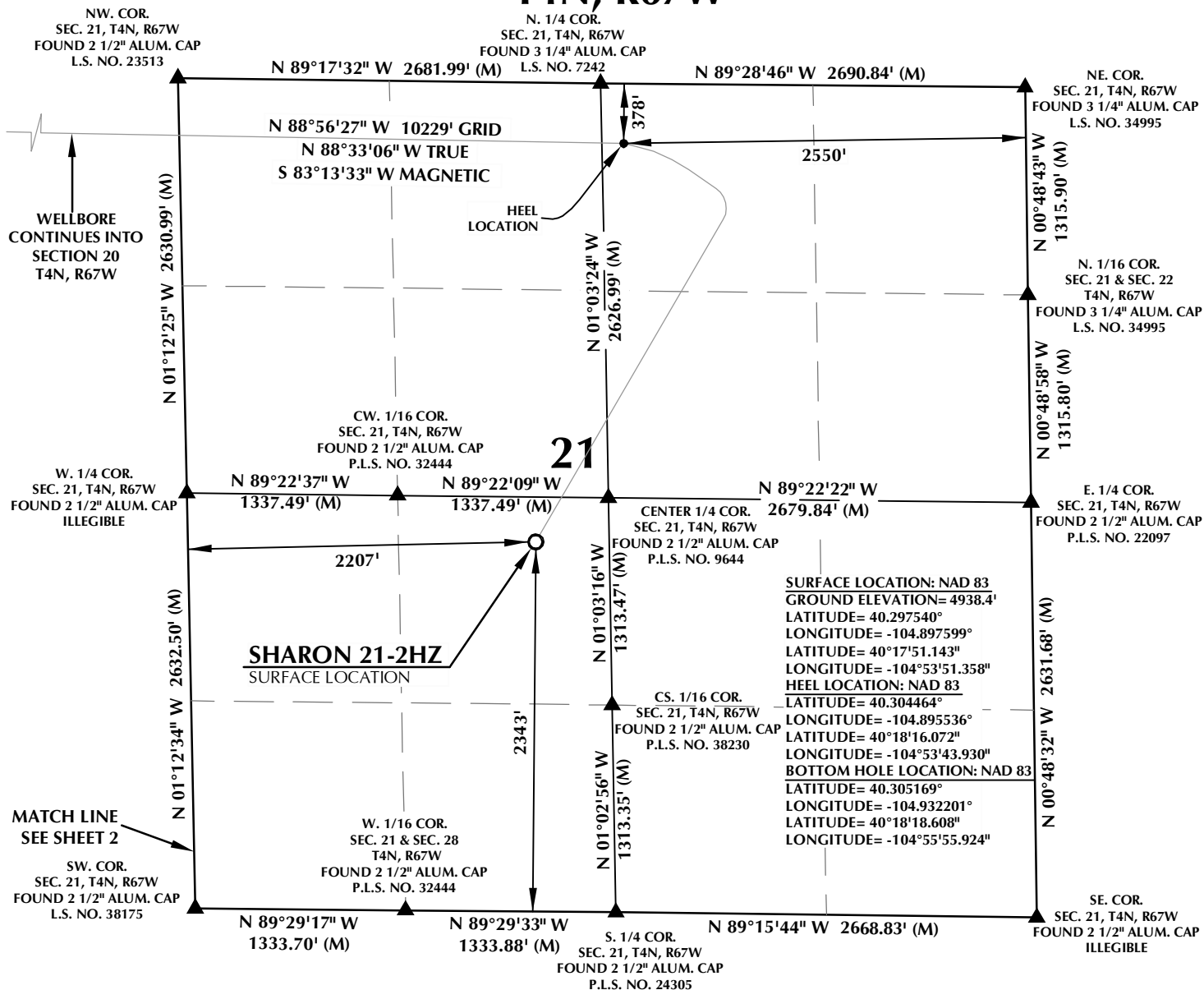


# T4N, R67W

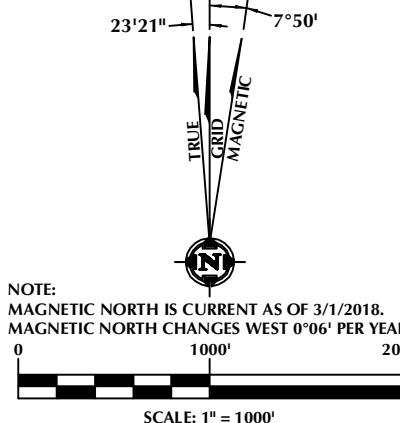


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*Randall K. French*  
 RANDALL K. FRENCH  
 PROFESSIONAL LAND SURVEYOR  
 COLORADO REGISTRATION NUMBER 38512  
 3/22/18

NOTICE: ACCORDING TO COLORADO STATE LAW YOU MUST COME TO COURT FOR 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.



## 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 N88°56'27"W, 10229' FROM THE HEEL LOCATION.

## WELL PAD - SHARON 11-21HZ

SHARON 21-2HZ  
 WELL LOCATION CERTIFICATE  
 2343' FSL & 2207' FWL NESW (SURFACE)  
 378' FNL & 2550' FEL NWNE (HEEL)  
 LOCATED IN SECTION 21  
 392' FNL & 2561' FEL NWNE (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



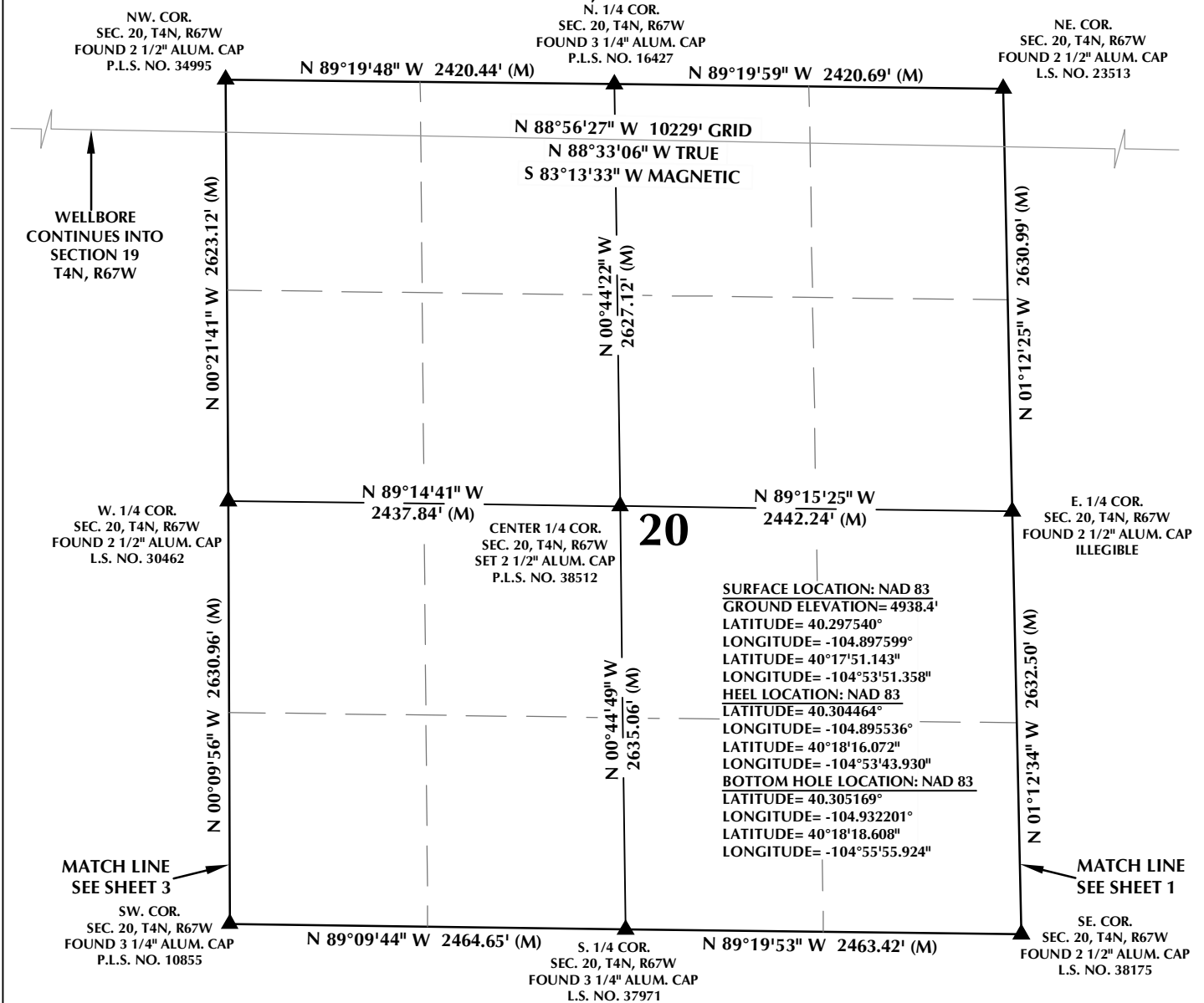
## CONSULTING, LLC

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 Phone 307-674-0609

**LOVELAND OFFICE**  
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# T4N, R67W

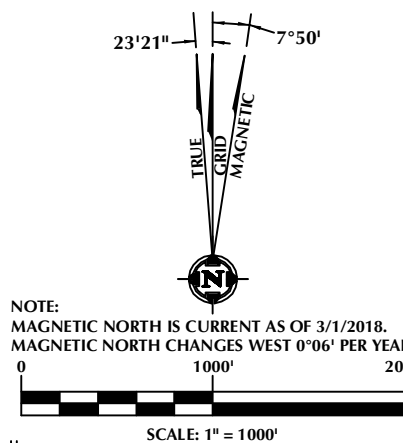


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 3/22/18

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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

N 00°18'08" W 2648.47' (M)

N 87°53'44" W 2599.88' (M)

N 87°28'31" W 2622.25' (M)

1251' 2561'

N 88°56'27" W 10229' GRID  
N 88°33'06" W TRUE  
S 83°13'33" W MAGNETIC

BOTTOM OF HOLE:  
392' FNL & 2561' FEL

60'

N 00°06'33" W  
2645.02' (C)

929'

2250'

NO. 2

NO. 1

N 00°21'41" W 2623.12' (M)

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

N 87°57'49" W  
2590.83' (C)

N 87°57'49" W  
2632.87' (C)

19

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

MATCH LINE  
SEE SHEET 2

N 00°18'22" W 2648.50' (M)

NO. 2

NO. 1

N 00°06'33" W  
2639.46' (C)

SURFACE LOCATION: NAD 83  
GROUND ELEVATION= 4938.4'  
LATITUDE= 40.297540°  
LONGITUDE= -104.897599°  
LATITUDE= 40°17'51.143"  
LONGITUDE= -104°53'51.358"  
HEEL LOCATION: NAD 83  
LATITUDE= 40.304464°  
LONGITUDE= -104.895536°  
LATITUDE= 40°18'16.072"  
LONGITUDE= -104°53'43.930"  
BOTTOM HOLE LOCATION: NAD 83  
LATITUDE= 40.305169°  
LONGITUDE= -104.932201°  
LATITUDE= 40°18'18.608"  
LONGITUDE= -104°55'55.924"

N 00°09'56" W 2630.96' (M)

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

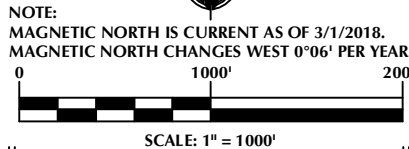
N 88°09'23" W 2581.42' (M)

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

N 88°09'02" W 2635.14' (M)

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

23'21" 7°50'



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- THE BOTTOM OF HOLE BEARS N88°56'27"W, 10229' FROM THE HEEL LOCATION.
- NO. 1 & NO. 2 AS SHOWN HEREON ARE GOVERNMENT LOTS 1 & 2 PER THE ORIGINAL GLO SURVEY.

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*Randall K. French*  
38512  
3/22/18  
PROFESSIONAL LAND SURVEYOR

RANDALL K. FRENCH  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 38512

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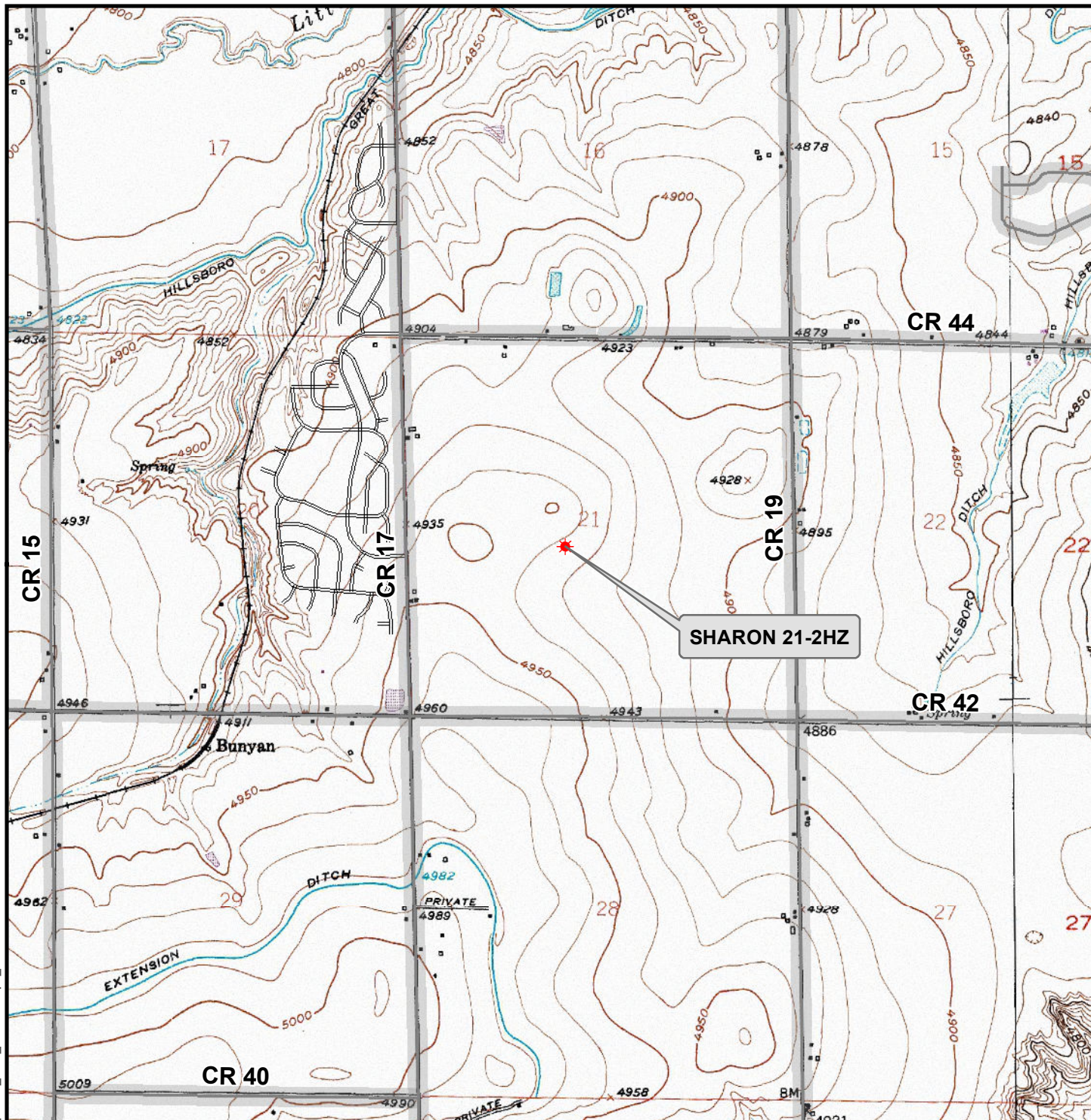
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REVISED:		FILE NAME:	17-235	3 OF 3





### Legend

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

**WELL PAD - SHARON 11-21HZ**  
**GENERAL LOCATION MAP**  
**SHARON 21-2HZ**  
**LOCATED IN SECTION 21**  
**T4N, R67W, 6th P.M.**  
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SCALE: 1" = 2,000ft

NAD83 CO-Nft

DRAWN: DP

DATE: 22 Mar 2018

REVISED:

DATE: