

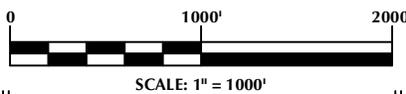
CERTIFICATE OF SURVEYOR:

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
 RANDALL K. FRENCH
 PROFESSIONAL LAND SURVEYOR
 COLORADO REGISTRATION NUMBER 38512
 11/21/17

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: MAGNETIC NORTH IS CURRENT AS OF 10/27/2017. MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.



NOTES:

- ▲ INDICATES SECTION CORNER.
- INDICATES CALCULATED CORNER.
- ELEVATION BASED ON NAVD88 (GEOID 12B).
- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
- ALL MEASURED DISTANCES ARE GRID.
- COMBINED SCALE FACTOR: .99972920 CALCULATED FROM THE S. 1/4 CORNER OF SECTION 8, T1N, R65W.
- OPERATOR: MARC RITT / 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 S00°13'05"E, 12734' FROM THE HEEL LOCATION.

WELL PAD - ENGLISH FARMS 8-10HZ

ENGLISH FARMS 8-8HZ
 WELL LOCATION CERTIFICATE
 338' FSL & 2345' FEL SWSE (SURFACE)
 LOCATED IN SECTION 8
 50' FNL & 1915' FWL NENW (HEEL)
 LOCATED IN SECTION 17
 2177' FNL & 1929' FWL SENW (BOTTOM)
 LOCATED IN SECTION 29
 T1N, R65W, 6TH P.M.
 WELD COUNTY, COLORADO

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



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DRAFTED BY: LMO	CHECKED BY: RKF	SHEET NO: 1 OF 3
DATE DRAFTED: 11/21/17	DATE SURVEYED: 7/24/17	
REVISED:	FILE NAME: 17-119	

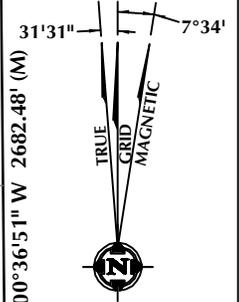
T1N, R65W

N. 1/4 COR.
SEC. 20, T1N, R65W
FOUND 2" ALUM. CAP
L.S. NO. 25937

MATCH LINE
SEE SHEET 1

NE. COR.
SEC. 20, T1N, R65W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 19585

SURFACE LOCATION: NAD 83
GROUND ELEVATION= 4945.3'
LATITUDE= 40.059680°
LONGITUDE= -104.686865°
LATITUDE= 40°03'34.850"
LONGITUDE= -104°41'12.714"
HEEL LOCATION: NAD 83
LATITUDE= 40.058619°
LONGITUDE= -104.690202°
LATITUDE= 40°03'31.028"
LONGITUDE= -104°41'24.727"
BOTTOM HOLE LOCATION: NAD 83
LATITUDE= 40.023661°
LONGITUDE= -104.690444°
LATITUDE= 40°01'25.180"
LONGITUDE= -104°41'25.598"



20

CENTER 1/4 COR.
SEC. 20, T1N, R65W
FOUND 2" ALUM. CAP
L.S. NO. 25937

E. 1/4 COR.
SEC. 20, T1N, R65W
FOUND 2" ALUM. CAP
L.S. NO. 25937

CS. 1/16 COR.
SEC. 20, T1N, R65W
FOUND 2" ALUM. CAP
P.L.S. NO. 23519

SE. COR.
SEC. 20, T1N, R65W
FOUND 2" ALUM. CAP
ILLEGIBLE

WELLBORE CONTINUES
INTO SECTION 29

MATCH LINE
SEE SHEET 3

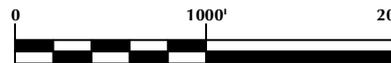
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38512
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11/21/17
RANDALL K. FRENCH
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 38512

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NOTE:
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SCALE: 1" = 1000'

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WELL PAD - ENGLISH FARMS 8-10HZ

ENGLISH FARMS 8-8HZ
WELL LOCATION CERTIFICATE
338' FSL & 2345' FEL SWSE (SURFACE)
LOCATED IN SECTION 8
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T1N, R65W

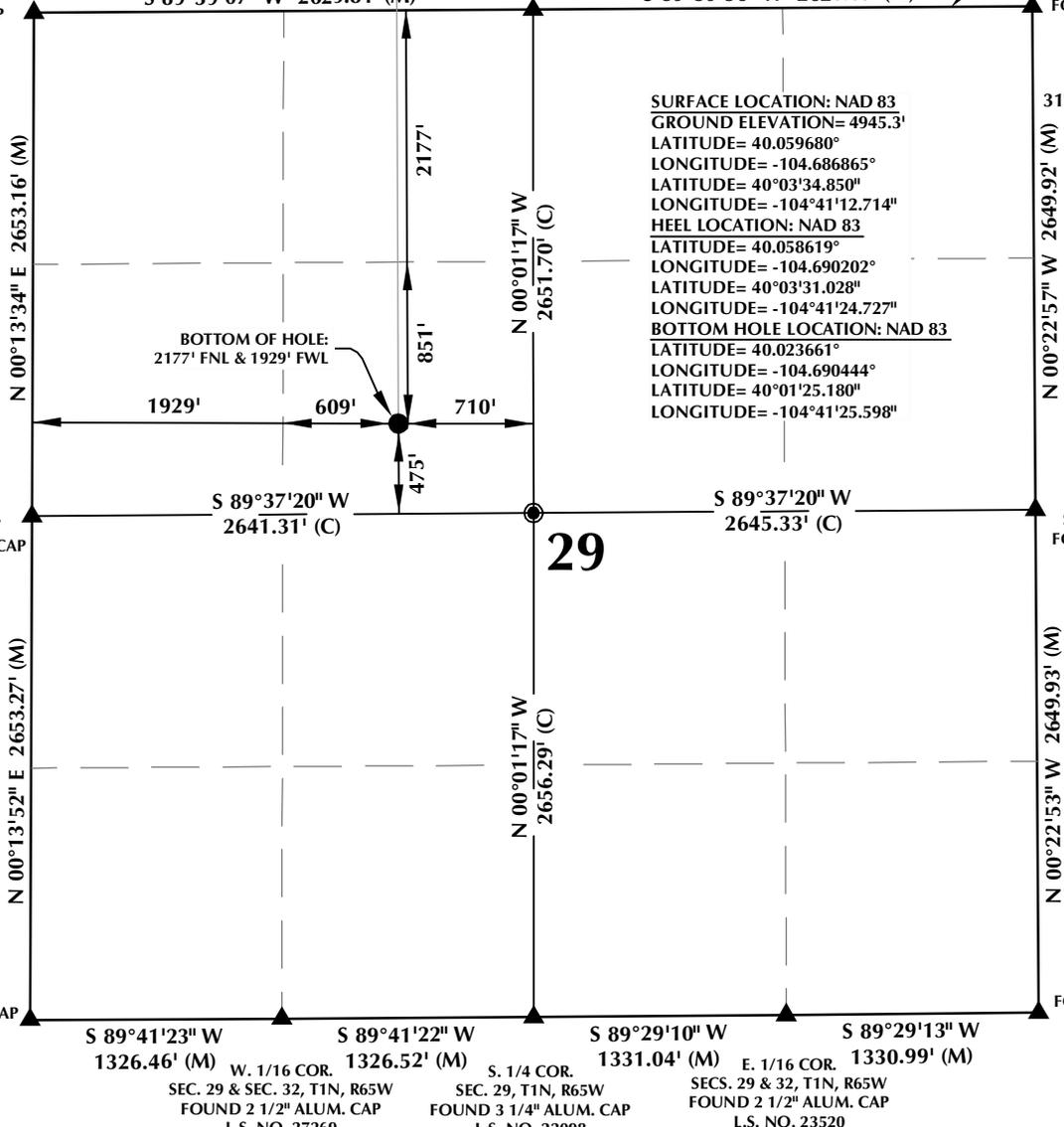
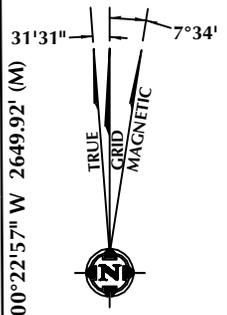
N. 1/4 COR.
SEC. 29, T1N, R65W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 30462

MATCH LINE
SEE SHEET 2

NE. COR.
SEC. 29, T1N, R65W
FOUND 2" ALUM. CAP
ILLEGIBLE

NW. COR.
SEC. 29, T1N, R65W
FOUND 2" ALUM. CAP
ILLEGIBLE

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29

BOTTOM OF HOLE:
2177' FNL & 1929' FWL

CERTIFICATE OF SURVEYOR:

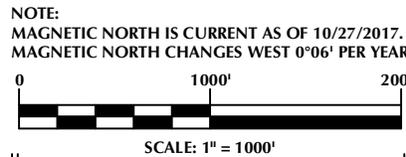
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