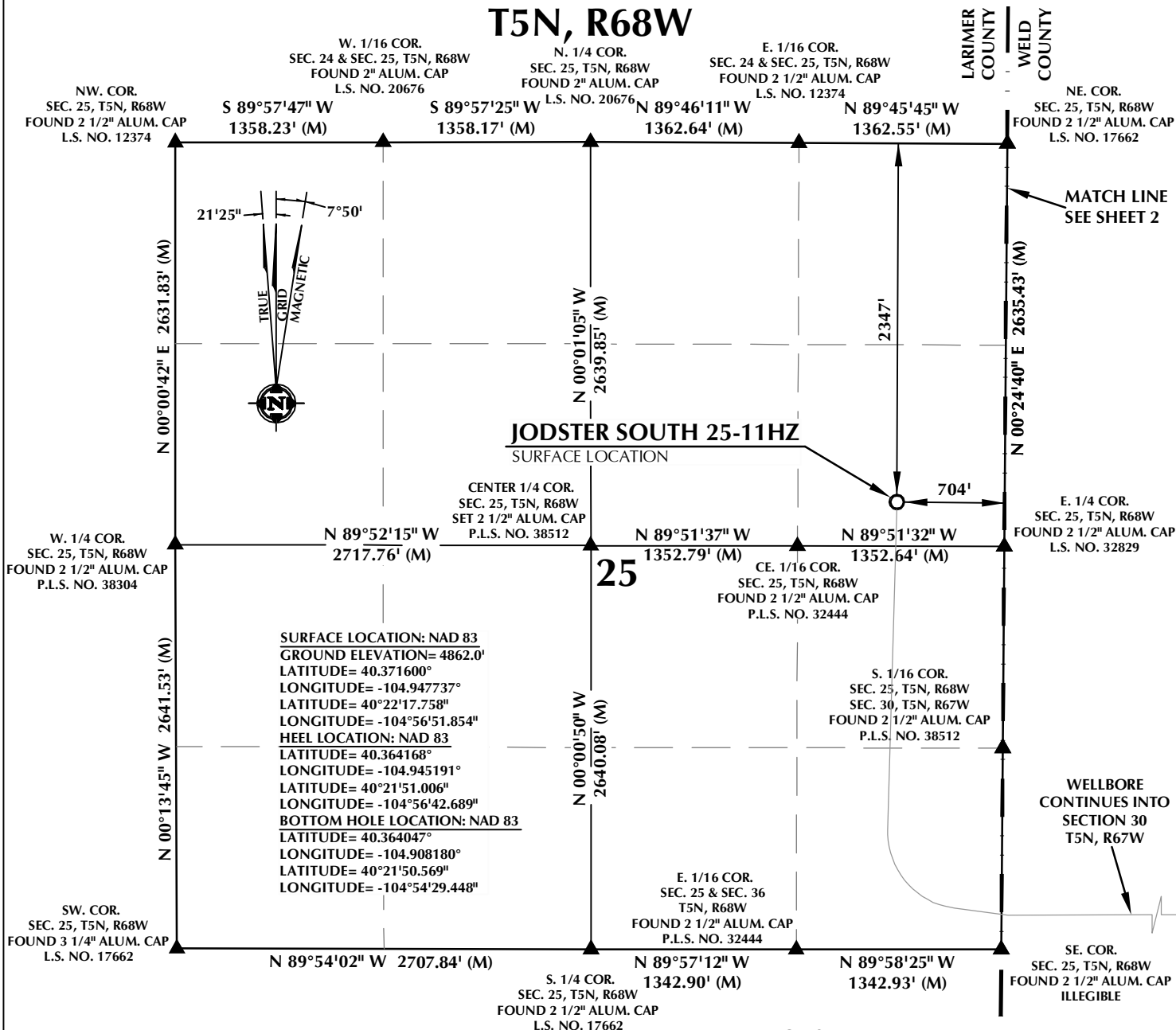


K:\JAMARKO\2016\2016_95_JODSTER_FNA_PHILLIPS_T5N_R68W_SEC_25\PLATS\JODSTER SOUTH PLATS.dwg, 1/8/2019 12:12:20 PM, lisa

T5N, R68W



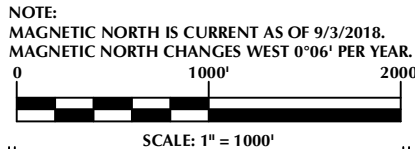
CERTIFICATE OF SURVEYOR:

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 THAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.S. 38-50-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

Randall K. French
38512
PROFESSIONAL LAND SURVEYOR
1/9/19

RANDALL K. FRENCH
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 38512

NOTICE:
ACCORDING TO COLORADO STATE LAW YOU MUST COMMENCE A 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: .99972964 CALCULATED FROM THE E. 1/4 CORNER OF SECTION 25, T5N, R68W.
- OPERATOR: ROB WILSON / PDOP = 1.9.
- 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°52'30"E, 10314' FROM THE HEEL LOCATION.

WELL PAD - JODSTER SOUTH 24-25HZ

JODSTER SOUTH 25-11HZ
WELL LOCATION CERTIFICATE
2347' FNL & 704' FEL SENE (SURFACE)
LOCATED IN SECTION 25, T5N, R68W, 6TH P.M.
LARIMER COUNTY, COLORADO
224' FSL & 42' FWL LOT 2 (SWSW) (HEEL)
LOCATED IN SECTION 30
222' FSL & 161' FEL SESE (BOTTOM)
LOCATED IN SECTION 29, T5N, 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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REVISED:	1/9/19	FILE NAME:	16-95	1 OF 3

T5N, R67W

NW. COR.
SEC. 30, T5N, R67W
FOUND 2 1/2" ALUM. CAP -
L.S. NO. 17662

N. 1/4 COR.
SEC. 30, T5N, R67W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 17662

NE. COR.
SEC. 30, T5N, R67W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 12374

MATCH LINE
SEE SHEET 1

MATCH LINE
SEE SHEET 3

SURFACE LOCATION: NAD 83
GROUND ELEVATION= 4862.0'
LATITUDE= 40.371600°
LONGITUDE= -104.947737°
LATITUDE= 40°22'17.758"
LONGITUDE= -104°56'51.854"
HEEL LOCATION: NAD 83
LATITUDE= 40.364168°
LONGITUDE= -104.945191°
LATITUDE= 40°21'51.006"
LONGITUDE= -104°56'42.689"
BOTTOM HOLE LOCATION: NAD 83
LATITUDE= 40.364047°
LONGITUDE= -104.908180°
LATITUDE= 40°21'50.569"
LONGITUDE= -104°54'29.448"

W. 1/4 COR.
SEC. 30, T5N, R67W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 32829

CW. 1/16 COR.
SEC. 30, T5N, R67W
FOUND 3 1/4" ALUM. CAP
P.L.S. NO. 38353

CENTER 1/4 COR.
SEC. 30, T5N, R67W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 32829 N 1/4

E. 1/4 COR.
SEC. 30, T5N, R67W
FOUND 2 1/2"
ALUM. CAP
P.L.S. NO. 38512

S. 1/16 COR.
SEC. 25, T5N, R68W
SEC. 30, T5N, R67W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 38512

SW. 1/16 COR.
SEC. 30, T5N, R67W
FOUND 3 1/4"
ALUM. CAP
L.S. NO. 7242

SE. 1/16 COR.
SEC. 30, T5N, R67W
FOUND 3 1/4"
ALUM. CAP
L.S. NO. 22098
N 89°25'21" E

S. 1/16 COR.
SEC. 29 & SEC. 30
T5N, R67W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 22098

CS. 1/16 COR.
SEC. 30, T5N, R67W
FOUND 3 1/4"
ALUM. CAP
L.S. NO. 7242

N 89°52'30" E 10314' GRID
S 89°46'05" E TRUE
N 82°02'30" E MAGNETIC

**WELLBORE
CONTINUES
INTO
SECTION 29
T5N, R67W**

100°20'56" W
1311.71' (M)1311.71' (M)
00°20'56" W

SE. COR.
SEC. 30, T5N, R67W
UND 3 1/4" ALUM. CAP
L.S. NO. 22098

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Randall K. French
 RANDALL K. FRENCH
 PROFESSIONAL LAND SURVEYOR
 COLORADO REGISTRATION NUMBER 38512
 1/9/19

NOTICE: ACCORDING TO COLORADO STATE LAW YOU MUST EXHAUST ALL 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 9/3/2018.
MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.

SCALE: 1" = 1000'

NOTES:

1. ▲ INDICATES SECTION CORNER.
2. ● INDICATES CALCULATED CORNER.
3. ELEVATION BASED ON NAVD88 (GEOID12B).
4. BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
5. ALL MEASURED DISTANCES ARE GRID.
COMBINED SCALE FACTOR: .99972964 CALCULATED FROM THE E. 1/4 CORNER OF SECTION 25, T5N, R68W.
6. OPERATOR: ROB WILSON / PDOP = 1.9.
7. SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
8. WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
9. THE BOTTOM OF HOLE BEARS N89°52'30"E, 10314' FROM THE HEEL LOCATION.
10. NO. 1 & NO. 2 AS SHOWN HEREON ARE GOVERNMENT LOTS 1 & 2 PER THE ORIGINAL GLO SURVEY.

WELL PAD - JODSTER SOUTH 24-25HZ

JODSTER SOUTH 25-11HZ
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LOCATED IN SECTION 25, T5N, R68W, 6TH P.M.
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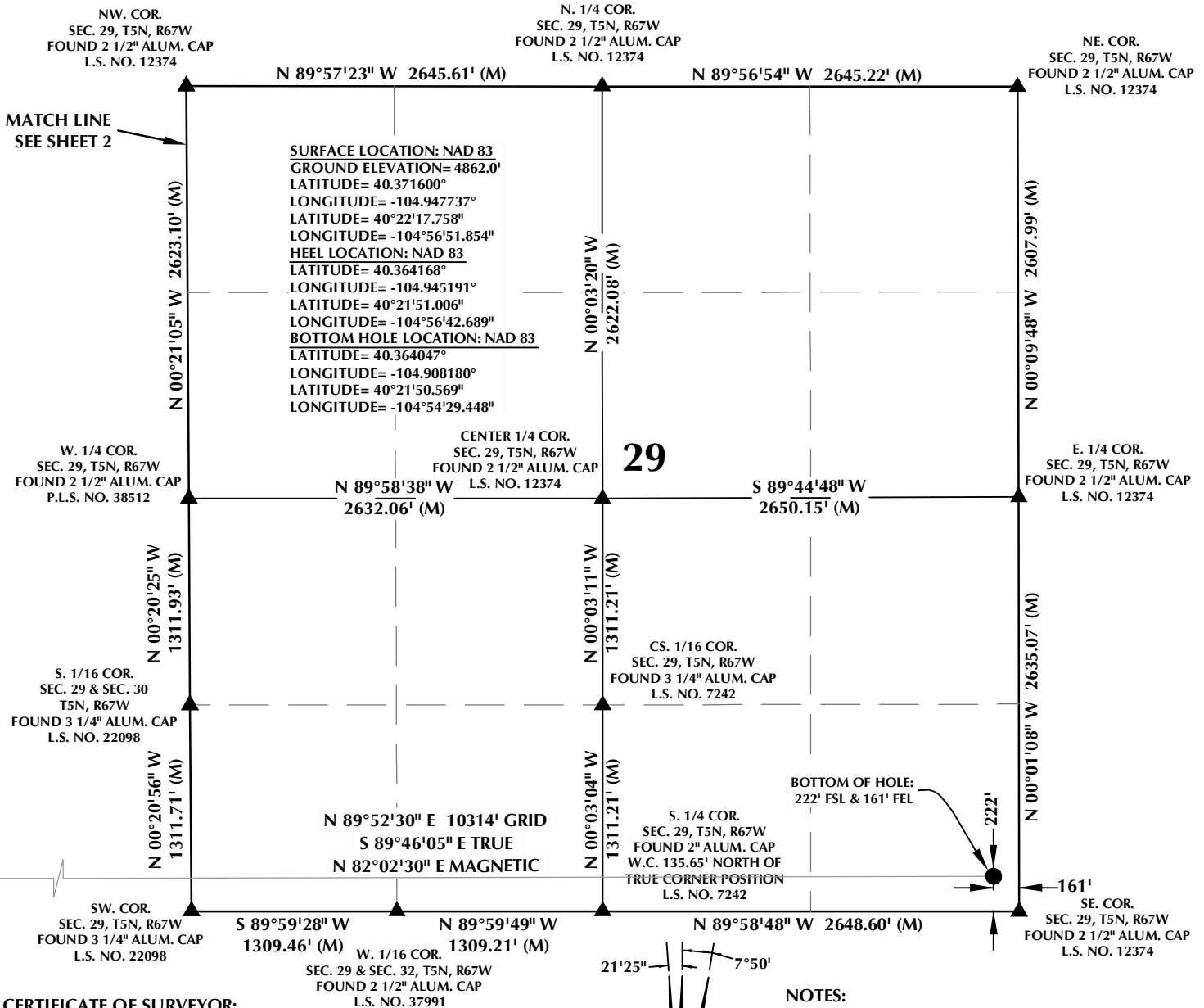
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T5N, R67W



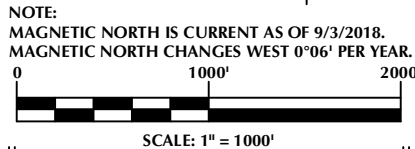
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Randall K. French
 RANDALL K. FRENCH
 PROFESSIONAL LAND SURVEYOR
 COLORADO REGISTRATION NUMBER 38512

1/9/19
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