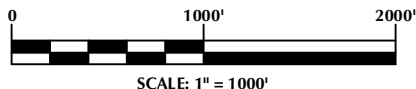
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Randall K. French
 RANDALL K. FRENCH
 PROFESSIONAL LAND SURVEYOR
 COLORADO REGISTRATION NUMBER 38512
 2/7/17

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NOTE:
 MAGNETIC NORTH IS CURRENT AS OF 8/24/2016.
 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: .99972351 CALCULATED FROM THE W. 1/4 CORNER OF SECTION 11, T1N, R68W
- OPERATOR: COLE HALL / PDOP = 1.3
- 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 N00°27'15"W, 8837' FROM THE HEEL LOCATION.

WELL PAD - COCHRAN 2N-2HZ

COCHRAN 2N-2HZ
 LOCATION CERTIFICATE
 2414' FNL & 1446' FEL SWNE (SURFACE)
 2155' FSL & 1570' FEL NWSE (HEEL)
 LOCATED IN SECTION 11
 T1N, R68W, 6TH P.M.
 352' FSL & 1587' FEL SWSE (BOTTOM)
 LOCATED IN SECTION 35
 T2N, R68W, 6TH P.M.
 WELD COUNTY, COLORADO

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

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T1N, R68W

WELLBORE CONTINUES INTO
SECTION 35, T2N, R68W

MATCH LINE
SEE SHEET 3

NW. COR.
SEC. 2, T1N, R68W
FOUND 3 1/4" ALUM. CAP
P.L.S. NO. 23524

N. 1/4 COR.
SEC. 2, T1N, R68W
FOUND 2" ALUM. CAP W.C.
72.8' SOUTH OF
CORNER POSITION
P.L.S. NO. 23500

NE. COR.
SEC. 2, T1N, R68W
FOUND ALUM. CAP
ILLEGIBLE

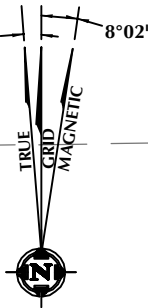
SURFACE LOCATION: NAD 83
GROUND ELEVATION= 5053.7'
LATITUDE= 40.066495°
LONGITUDE= -104.966351°
HEEL LOCATION: NAD 83
LATITUDE= 40.064415°
LONGITUDE= -104.966809°
BOTTOM HOLE LOCATION: NAD 83
LATITUDE= 40.088673°
LONGITUDE= -104.966869°
LONGITUDE= -104°58'00.511"
LONGITUDE= -104°58'00.728"

CENTER 1/4 COR.
SEC. 2, T1N, R68W
SET 2 1/2" ALUM. CAP
P.L.S. NO. 38512

W. 1/4 COR.
SEC. 2, T1N, R68W
FOUND 3 1/2" BRASS CAP
L.S. NO. 16415

E. 1/4 COR.
SEC. 2, T1N, R68W
FOUND 3 1/4" BLM
BRASS CAP

CW. 1/16 COR.
SEC. 2, T1N, R68W
SET 2 1/2" ALUM. CAP
P.L.S. NO. 38512



N 00°27'15" W 8837' GRID
N 00°06'34" W TRUE
N 08°29'15" W MAGNETIC

SW. COR.
SEC. 2, T1N, R68W
FOUND 3 1/4" ALUM. CAP
P.L.S. NO. 8953

S. 1/4 COR.
SEC. 2, T1N, R68W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 38065

SE. COR.
SEC. 2, T1N, R68W
FOUND 3 1/4" ALUM. CAP
ILLEGIBLE

NOTES:

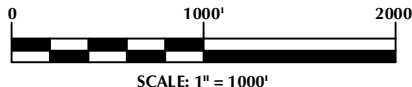
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- THE BOTTOM OF HOLE BEARS N00°27'15"W, 8837' FROM THE HEEL LOCATION.
- NO. 1 & NO. 2 AS SHOWN HEREON ARE GOVERNMENT LOTS 1 & 2 PER THE ORIGINAL GLO SURVEY

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T2N, R68W

NW. COR.
SEC. 35, T2N, R68W
FOUND 3 1/4" ALUM. CAP
ILLEGIBLE

N. 1/4 COR.
SEC. 35, T2N, R68W
FOUND 3 1/4" BRASS. CAP
ILLEGIBLE

NE. COR.
SEC. 35, T2N, R68W
FOUND 2" ALUM. CAP
ILLEGIBLE

W. 1/4 COR.
SEC. 35, T2N, R68W
FOUND 3 1/4" ALUM. CAP
P.L.S. NO. 18482

CENTER 1/4 COR.
SEC. 35, T2N, R68W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 38005

E. 1/4 COR.
SEC. 35, T2N, R68W
FOUND 3 1/4" BLM
BRASS CAP

SW. COR.
SEC. 35, T2N, R68W
FOUND 3 1/4" ALUM. CAP
P.L.S. NO. 23524

S. 1/4 COR.
SEC. 35, T2N, R68W
FOUND 2" ALUM. CAP W.C.
72.8' SOUTH OF
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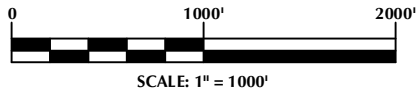
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SEC. 35, T2N, R68W
FOUND ALUM. CAP
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