

# T2N, R66W

E. 1/16 COR.  
SEC. 29 & 32, T2N, R66W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 30462

MATCH LINE  
SEE SHEET 1B

WELL BORE  
CONTINUES INTO  
SECTION 29

S 89°43'45" W  
1325.84' (C)

S 89°44'02" W  
1326.23' (M)

S 89°30'59" W 2642.26' (C)

NW. COR.  
SEC. 32, T2N, R66W  
FOUND 2 1/2" ALUM. CAP  
WITNESS COR. 120" WEST  
OF CORNER POSITION  
L.S. NO. 13155

NE. COR.  
SEC. 32, T2N, R66W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 25369

**SURFACE LOCATION: NAD 83**  
GROUND ELEVATION= 4896.6'  
LATITUDE= 40.099025°  
LONGITUDE= -104.805306°  
LATITUDE= 40°05'56.491"  
LONGITUDE= -104°48'19.101"  
**HEEL LOCATION: NAD 83**  
LATITUDE= 40.101939°  
LONGITUDE= -104.804721°  
LATITUDE= 40°06'06.979"  
LONGITUDE= -104°48'16.996"  
**BOTTOM HOLE LOCATION: NAD 83**  
LATITUDE= 40.116341°  
LONGITUDE= -104.804589°  
LATITUDE= 40°06'58.828"  
LONGITUDE= -104°48'16.519"

**LAND FED 35N-29HZ**  
SURFACE LOCATION

CENTER N. 1/16 COR.  
SEC. 32, T2N, R66W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 25937

N 00°41'33" W 1323.77' (C)  
N 00°42'18" W 1323.88' (M)

S 89°36'16" W  
2647.88' (M)

W. 1/4 COR.  
SEC. 32, T2N, R66W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 25937

CENTER COR.  
SEC. 32, T2N, R66W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 25937

**32**

E 1/4 COR.  
SEC. 32, T2N, R66W  
FOUND 2 1/2" ALUM. CAP  
ILLEGIBLE

**SURFACE LOCATION: NAD 27**  
LATITUDE= 40.099042°  
LONGITUDE= -104.804779°  
LATITUDE= 40°05'56.551"  
LONGITUDE= -104°48'17.203"  
**HEEL LOCATION: NAD 27**  
LATITUDE= 40.101955°  
LONGITUDE= -104.804194°  
LATITUDE= 40°06'07.040"  
LONGITUDE= -104°48'15.098"  
**BOTTOM HOLE LOCATION: NAD 27**  
LATITUDE= 40.116358°  
LONGITUDE= -104.804062°  
LATITUDE= 40°06'58.889°  
LONGITUDE= -104°48'14.622°

SW. COR.  
SEC. 32, T2N, R66W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 17669

S. 1/4 COR.  
SEC. 32, T2N, R66W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 14823

SE. COR.  
SEC. 32, T2N, R66W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 13155

S 89°35'29" W 2656.71' (M)

S 89°32'16" W 2643.78' (M)

**NOTES:**

- ▲ INDICATES FOUND SECTION CORNER
- INDICATES CALCULATED CORNER
- ELEVATION BASED ON NAVD88 (GEOID09)
- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM 1983 NORTH ZONE UNLESS OTHERWISE NOTED.
- ALL MEASURED DISTANCES ARE GRID. COMBINED SCALE FACTOR: .99972835
- OPERATOR: ROB WILSON / PDOP = 1.4
- 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°02'42"W 5247' FROM THE SURFACE LOCATION.

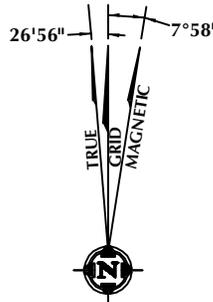
**CERTIFICATE OF SURVEYOR:**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY 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.S. 38-513-02 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

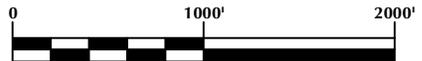
*Benjamin J. Reenders*  
PROFESSIONAL LAND SURVEYOR  
38305

BENJAMIN J. REENDERS  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 18323 6/5/15

NOTICE:  
ACCORDING TO COLORADO STATE LAW YOU MUST COMMENCE ANY 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 6/2/2015.  
MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.



SCALE: 1" = 1000'

**WELL PAD - LAND FED 13N-32HZ**

LAND FED 35N-29HZ  
WELL LOCATION CERTIFICATE  
1040' FNL & 1469' FWL NENW (SURFACE)  
LOCATED IN SECTION 32  
21' FSL & 1634' FWL SESW (HEEL)  
1' FNL & 1682' FWL NENW (BOTTOM)  
LOCATED IN SECTION 29  
T2N, R66W, 6TH P.M.  
WELD COUNTY, COLORADO

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



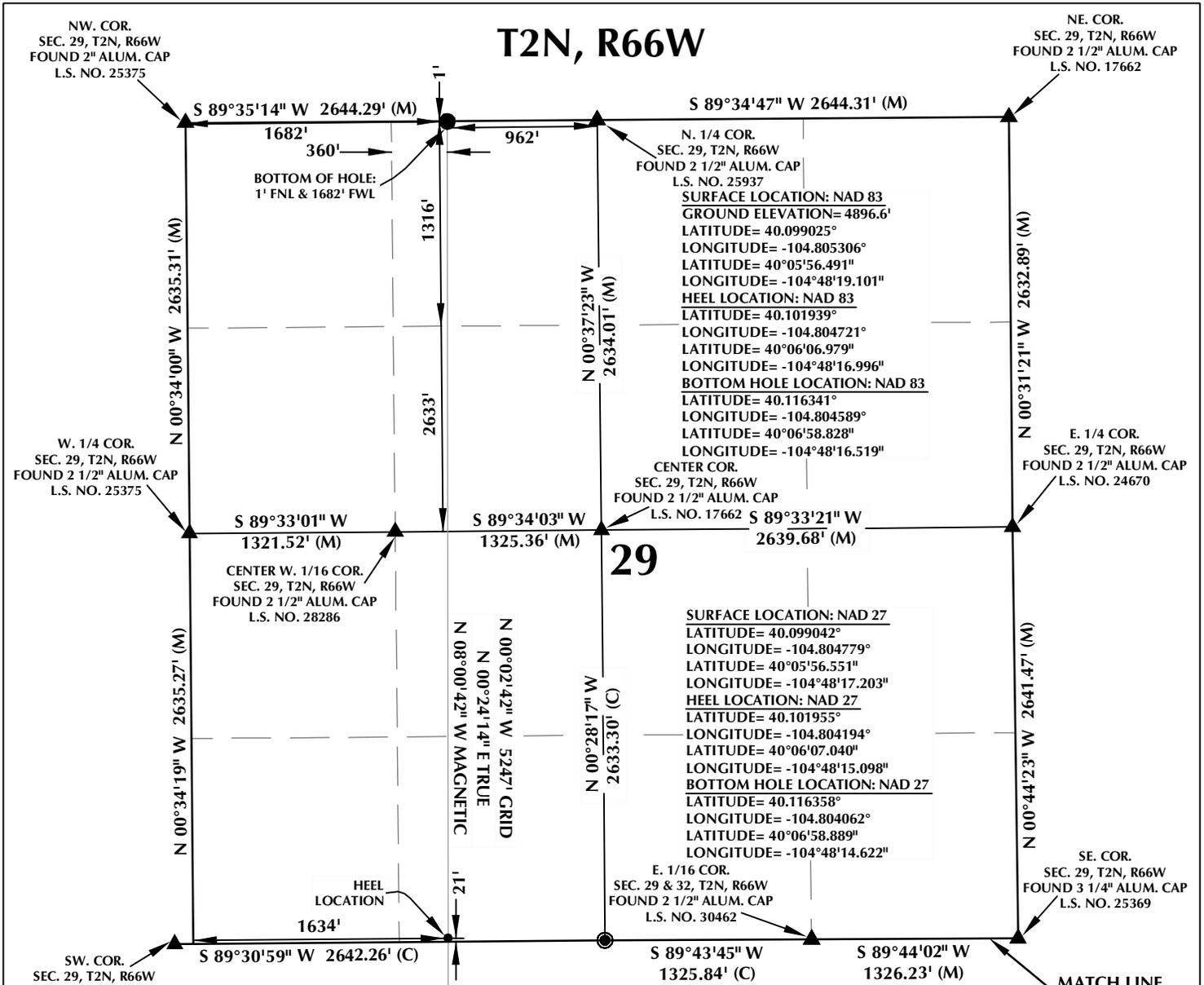
**CONSULTING, LLC**

SHERIDAN OFFICE  
1095 Saberton Avenue  
Sheridan, Wyoming 82801  
Phone 307-674-0609

LOVELAND OFFICE  
1635 Foxtrail Drive, Suite 204  
Loveland, Colorado 80538  
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DRAFTED BY: MDZ	CHECKED BY: BJR	SHEET NO: <b>1A</b> 1A OF 1
DATE DRAFTED: 6/5/15	DATE SURVEYED: 3/24/15	
REVISED:	FILE NAME: 13-113	

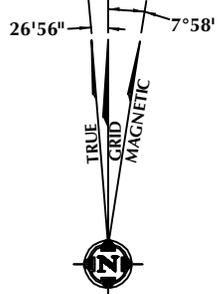
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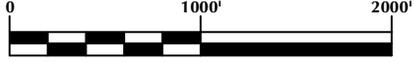
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*Benjamin J. Reenders*  
 BENJAMIN J. REENDERS  
 PROFESSIONAL LAND SURVEYOR  
 COLORADO REGISTRATION NUMBER 48362  
 6/5/15

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