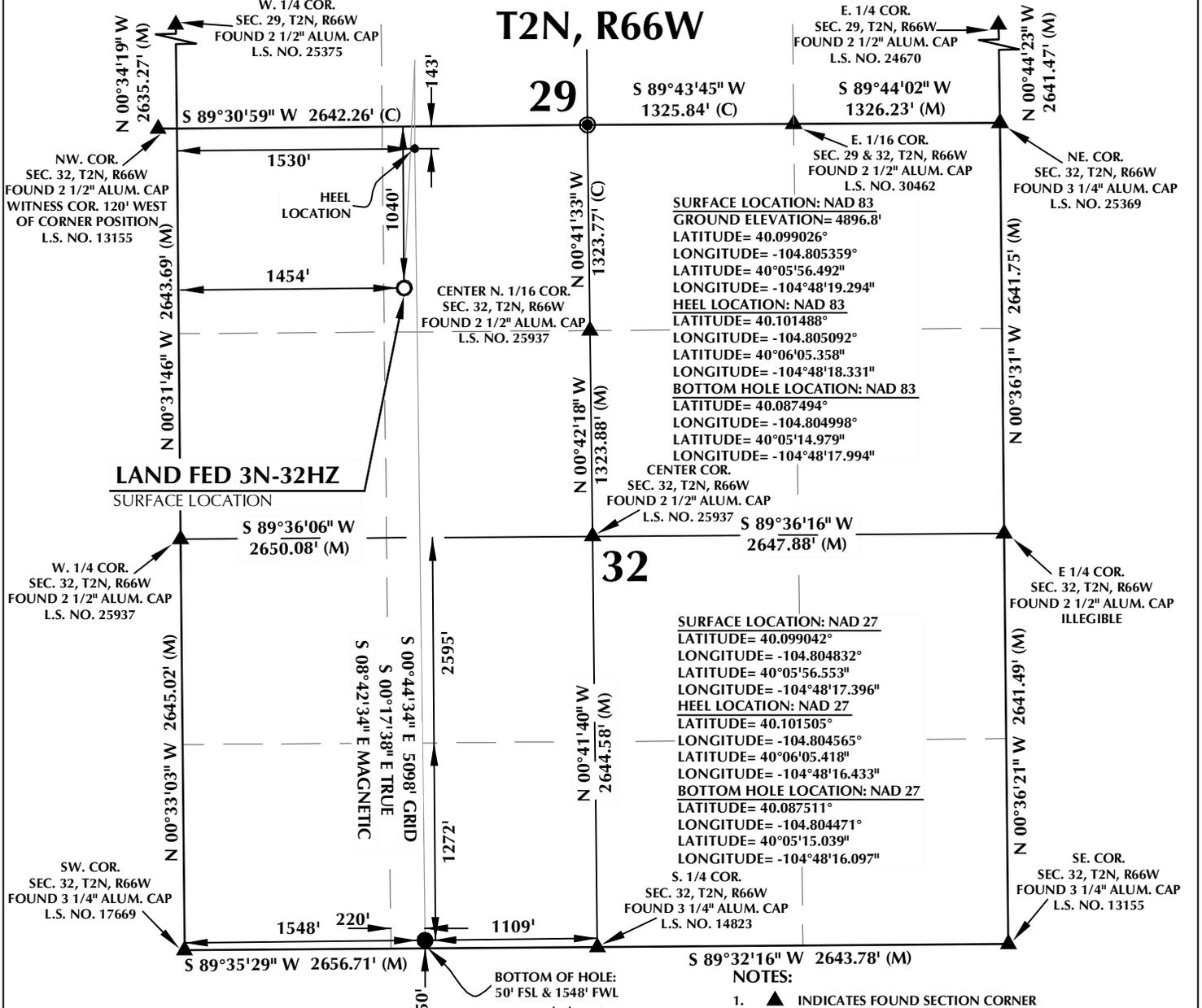


# T2N, R66W

29

32



**SURFACE LOCATION: NAD 83**  
 GROUND ELEVATION= 4896.8'  
 LATITUDE= 40.099026°  
 LONGITUDE= -104.805359°  
 LATITUDE= 40°05'56.492"  
 LONGITUDE= -104°48'19.294"  
**HEEL LOCATION: NAD 83**  
 LATITUDE= 40.101488°  
 LONGITUDE= -104.805092°  
 LATITUDE= 40°06'05.358"  
 LONGITUDE= -104°48'18.331"  
**BOTTOM HOLE LOCATION: NAD 83**  
 LATITUDE= 40.087494°  
 LONGITUDE= -104.804998°  
 LATITUDE= 40°05'14.979"  
 LONGITUDE= -104°48'17.994"

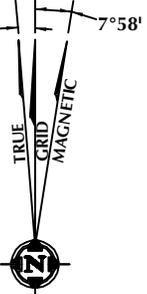
**SURFACE LOCATION: NAD 27**  
 LATITUDE= 40.099042°  
 LONGITUDE= -104.804832°  
 LATITUDE= 40°05'56.553"  
 LONGITUDE= -104°48'17.396"  
**HEEL LOCATION: NAD 27**  
 LATITUDE= 40.101505°  
 LONGITUDE= -104.804565°  
 LATITUDE= 40°06'05.418"  
 LONGITUDE= -104°48'16.433"  
**BOTTOM HOLE LOCATION: NAD 27**  
 LATITUDE= 40.087511°  
 LONGITUDE= -104.804471°  
 LATITUDE= 40°05'15.039"  
 LONGITUDE= -104°48'16.097"

- 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 S00°44'34"E 5098' FROM THE SURFACE LOCATION.

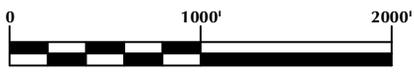
**CERTIFICATE OF SURVEYOR:**

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. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

*Benjamin J. Reenders*  
 BENJAMIN J. REENDERS  
 PROFESSIONAL LAND SURVEYOR  
 COLORADO REGISTRATION NUMBER 48360  
 6/5/15



**NOTE:**  
 MAGNETIC NORTH IS CURRENT AS OF 6/2/2015.  
 MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.



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

LAND FED 3N-32HZ  
 WELL LOCATION CERTIFICATE  
 1040' FNL & 1454' FWL NENW (SURFACE)  
 143' FNL & 1530' FWL NENW (HEEL)  
 50' FSL & 1548' FWL SESW (BOTTOM)  
 LOCATED IN SECTION 32  
 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, Phone 970-776-4331

DRAFTED BY:	MDZ	CHECKED BY:	BJR
DATE DRAFTED:	6/5/15	DATE SURVEYED:	3/24/15
REVISED:		FILE NAME:	13-113