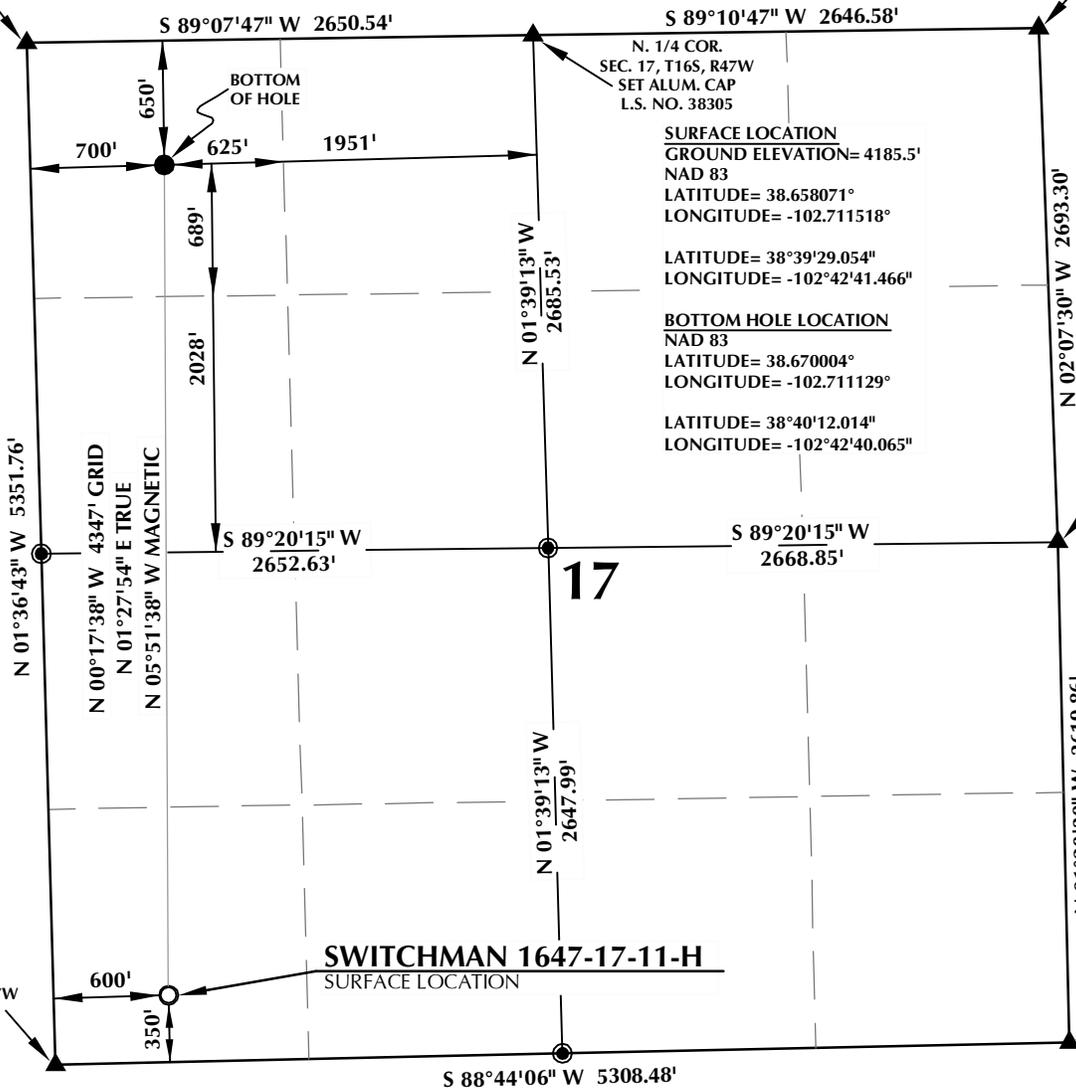


# T16S, R47W

NW. COR.  
SEC. 17, T16S, R47W  
SET ALUM. CAP  
L.S. NO. 38305

NE. COR.  
SEC. 17, T16S, R47W  
SET ALUM. CAP  
L.S. NO. 38305



**SURFACE LOCATION**  
GROUND ELEVATION= 4185.5'  
NAD 83  
LATITUDE= 38.658071°  
LONGITUDE= -102.711518°  
  
LATITUDE= 38°39'29.054"  
LONGITUDE= -102°42'41.466"  
  
**BOTTOM HOLE LOCATION**  
NAD 83  
LATITUDE= 38.670004°  
LONGITUDE= -102.711129°  
  
LATITUDE= 38°40'12.014"  
LONGITUDE= -102°42'40.065"

**SWITCHMAN 1647-17-11-H**  
SURFACE LOCATION

17

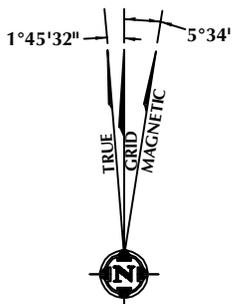
### CERTIFICATE OF SURVEYOR:

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  
7/24/13

BENJAMIN J. REENDERS  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 483305

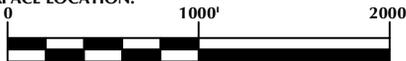
NOTICE:  
ACCORDING TO COLORADO STATE LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE ON THE CERTIFICATION SHOWN HEREON.



NOTE:  
MAGNETIC NORTH IS CURRENT AS OF 7/23/2013.  
MAGNETIC NORTH CHANGES WEST 0°08' PER YEAR.

### NOTES:

- ▲ INDICATES FOUND SECTION CORNER
- INDICATES CALCULATED CORNER
- ELEVATION BASED ON NAVD88 (GEOID09)
- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM 1983 CENTRAL ZONE UNLESS OTHERWISE NOTED.
- ALL MEASURED DISTANCES ARE GRID.  
COMBINED SCALE FACTOR: .99976941
- OPERATOR: ROB WILSON / PDOP = 1.7
- SURFACE USE OF LOCATION IS RANGELAND.
- SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 400' OF THE WELL PAD.
- WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
- THE BOTTOM OF HOLE BEARS N00°17'38"W 4347' FROM THE SURFACE LOCATION.



SCALE: 1" = 1000'

### WELL PAD - SWITCHMAN 1647-17-14

**SWITCHMAN 1647-17-11-H**  
**WELL LOCATION CERTIFICATE**  
350' FSL & 600' FWL SWSW (SURFACE)  
650' FNL & 700' FWL NWNW (BOTTOM)  
LOCATED IN SECTION 17  
T16S, R47W, 6TH P.M.  
CHEYENNE COUNTY, COLORADO

**Anadarko E&P**  
**Onshore LLC**  
1099 18th Street  
Denver, Colorado 80202



### CONSULTING, LLC

**SHERIDAN OFFICE**  
2155 North Main Street  
Sheridan, Wyoming 82801  
Phone 307-674-0609

**LOVELAND OFFICE**  
1635 Foxtrail Drive, Suite 204  
Loveland, Colorado 80538  
Phone 970-776-4331

DRAFTED BY:	KGS	CHECKED BY:	BJR
DATE DRAFTED:	7/24/13	DATE SURVEYED:	7/1/13
REVISED:		FILE NAME:	13-54