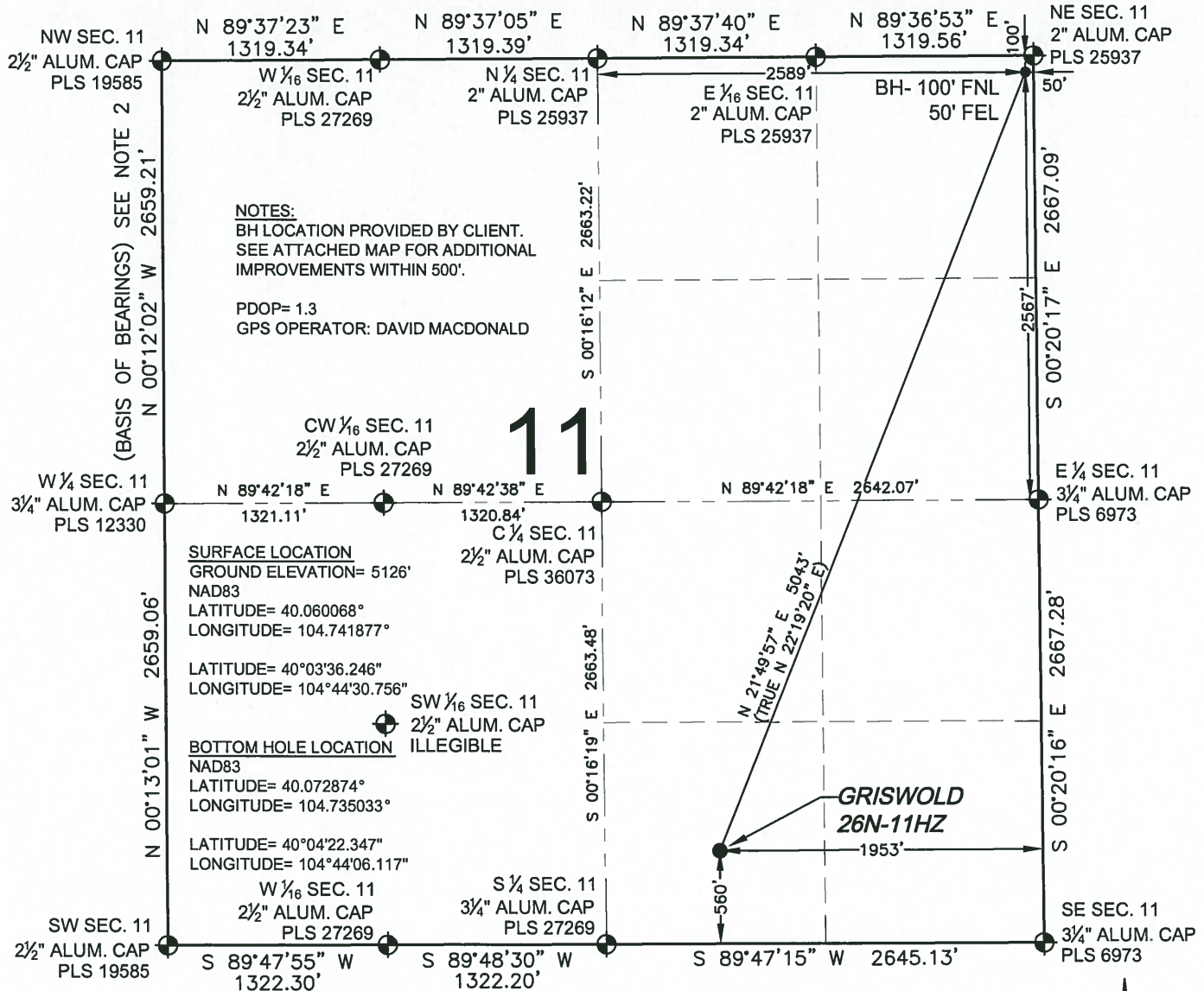


# WELL LOCATION CERTIFICATE: GRISWOLD 26N-11HZ

SECTION 11, TOWNSHIP 1 NORTH, RANGE 66 WEST, 6TH P.M.



**NOTES:**  
 BH LOCATION PROVIDED BY CLIENT.  
 SEE ATTACHED MAP FOR ADDITIONAL IMPROVEMENTS WITHIN 500'.

PDOP= 1.3  
 GPS OPERATOR: DAVID MACDONALD

**SURFACE LOCATION**  
 GROUND ELEVATION= 5126'  
 NAD83  
 LATITUDE= 40.060068°  
 LONGITUDE= 104.741877°

LATITUDE= 40°03'36.246"  
 LONGITUDE= 104°44'30.756"

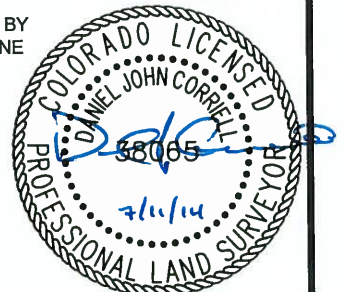
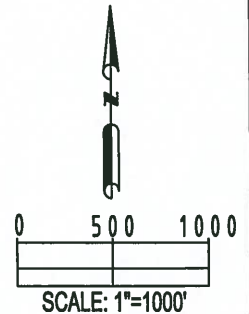
**BOTTOM HOLE LOCATION**  
 NAD83  
 LATITUDE= 40.072874°  
 LONGITUDE= 104.735033°

LATITUDE= 40°04'22.347"  
 LONGITUDE= 104°44'06.117"

**11**

I, DANIEL JOHN CORRIELL, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **KERR-MCGEE OIL & GAS ONSHORE LP**, THAT THE SURVEY AND WELL LOCATION CERTIFICATE SHOWN HEREON WERE DONE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE DRAWING SHOWN HEREON ACCURATELY DEPICTS THE PROPOSED LOCATION OF THE WELL. THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

DANIEL JOHN CORRIELL, PLS 38065  
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
 FOR AND ON BEHALF OF P.F.S., LLC



PREPARED BY: Petroleum Field Services, LLC 7536 Hilltop Circle Denver, CO 80221	FIELD DATE: 09-30-13	SURFACE LOCATION: SW 1/4, SE 1/4, SEC. 11, T1N, R66W, 6TH P.M.
	DRAWING DATE: 07-10-14	WELD COUNTY, COLORADO
BY: SMF	CHECKED: SMG	

**NOTICE:** ACCORDING TO COLORADO 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 THIS SAID DATE OF THIS CERTIFICATION SHOWN HEREON.