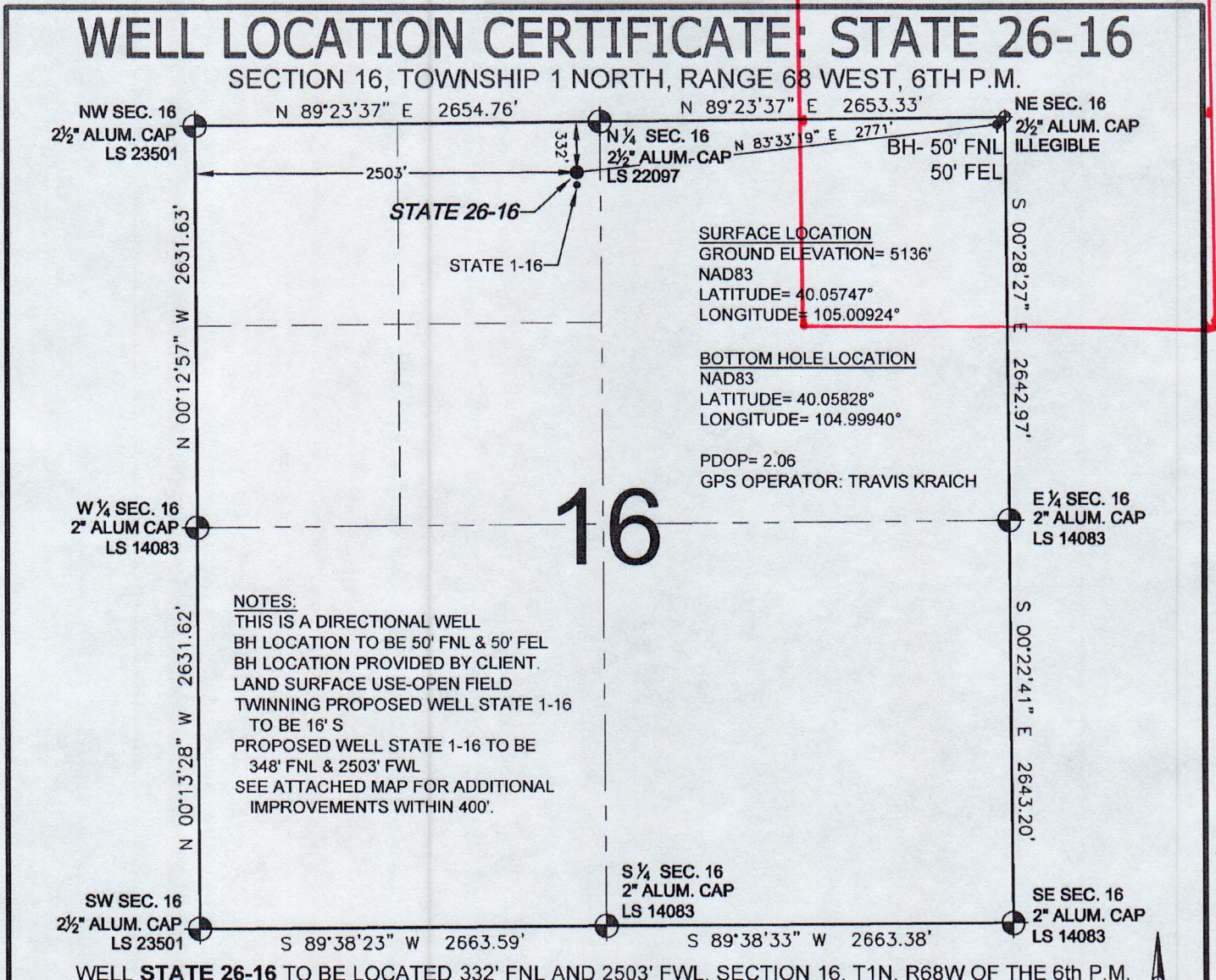




318A Proposed Spacing  
Unit Plan

# WELL LOCATION CERTIFICATE: STATE 26-16

SECTION 16, TOWNSHIP 1 NORTH, RANGE 68 WEST, 6TH P.M.



SURFACE LOCATION  
GROUND ELEVATION= 5136'  
NAD83  
LATITUDE= 40.05747°  
LONGITUDE= 105.00924°

BOTTOM HOLE LOCATION  
NAD83  
LATITUDE= 40.05828°  
LONGITUDE= 104.99940°

PDOP= 2.06  
GPS OPERATOR: TRAVIS KRAICH

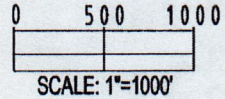
# 16

**NOTES:**  
THIS IS A DIRECTIONAL WELL  
BH LOCATION TO BE 50' FNL & 50' FEL  
BH LOCATION PROVIDED BY CLIENT.  
LAND SURFACE USE-OPEN FIELD  
TWINNING PROPOSED WELL STATE 1-16  
TO BE 16' S  
PROPOSED WELL STATE 1-16 TO BE  
348' FNL & 2503' FWL  
SEE ATTACHED MAP FOR ADDITIONAL  
IMPROVEMENTS WITHIN 400'.

WELL **STATE 26-16** TO BE LOCATED 332' FNL AND 2503' FWL, SECTION 16, T1N, R68W OF THE 6th P.M.

**LEGEND**

- ⊕ = EXISTING MONUMENT    ⊕ = BOTTOM HOLE    BH = BOTTOM HOLE
- = PROPOSED WELL        ◆ = EXISTING WELL

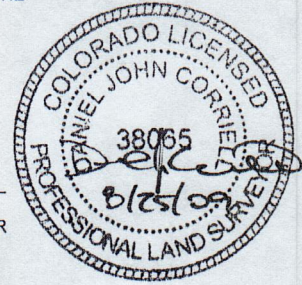



**NOTES:**

1. THIS SURVEY WAS DONE BY GPS METHODS AND CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
2. ELEVATIONS SHOWN AT THE WELL HEAD, AS WELL AS HORIZONTAL CONTROL, ARE BASED ON GPS-RTK VALUES DERIVED FROM DOING 2-HOUR STATIC GPS SESSIONS AND REDUCTIONS USING O.P.U.S. SOLUTIONS  
VERTICAL = NAVD88;    HORIZONTAL = NAD83/92
3. THE BEARINGS SHOWN HEREON ARE BASED ON GPS OBSERVATIONS BETWEEN THE MONUMENTS SHOWN HEREON AS FOUND ON THE FIELD DATE BELOW.
4. DISTANCES SHOWN ARE AT GROUND LEVEL, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED AT A PERPENDICULAR TO SECTION LINES.

I, DANIEL J. 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 **STATE 26-16**. 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.

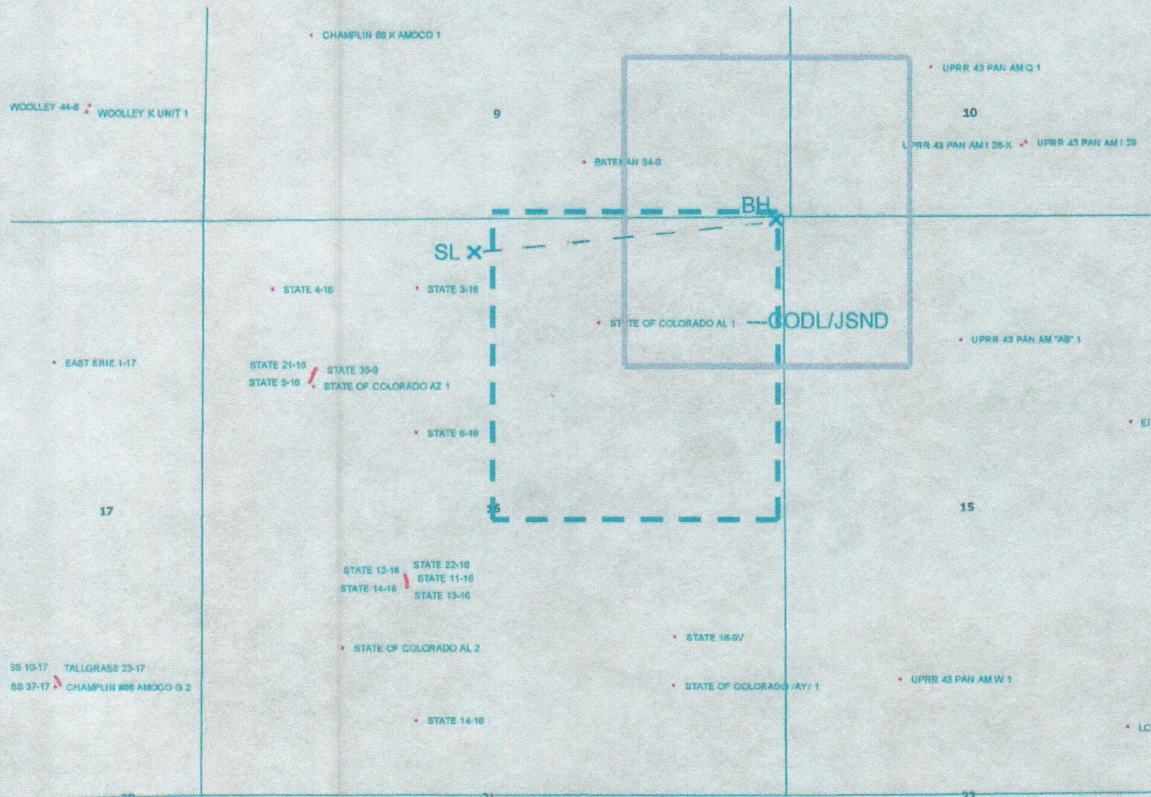
DANIEL J. CORRIELL, PLS 38065  
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
FOR AND ON BEHALF OF P.F.S., LLC





PREPARED BY:  Petroleum Field Services, LLC 1801 W. 138th Ave. Denver, CO 80234	FIELD DATE: 08-20-09	WELL NAME: STATE 26-16
DRAWING DATE: 08-25-09	SURFACE LOCATION: WELD COUNTY, COLORADO	
BY: SMF	NE 1/4 NW 1/4, SEC. 16, T1N, R68W	

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.

**STATE 26-16**  
**NENW Sec. 16 T1N-R68W**



**LEGEND**

 Proposed 160 acre Spacing Unit (Solid line).  
 Bottom Hole Located NE/4NE/4, Sec. 16-T1N-R68W (Dashed line).

**This 1/4 Section has less than 8 bottom hole wells producing from the Codell, Niobrara & J Sand Formations.**