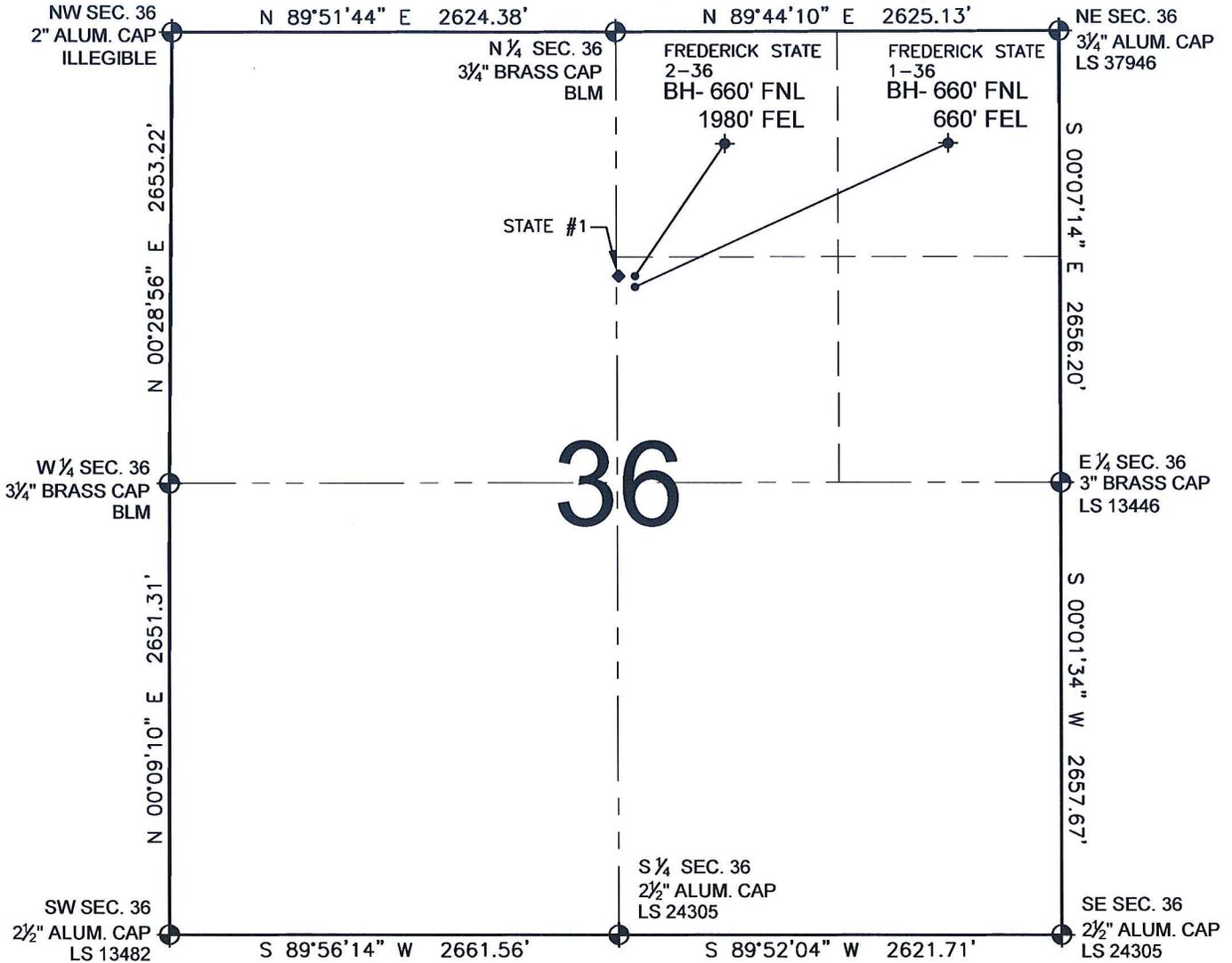


# PAD DRAWING - FREDERICK STATE 2 PAD

SECTION 36, TOWNSHIP 2 NORTH, RANGE 68 WEST, 6TH P.M.



**LEGEND**

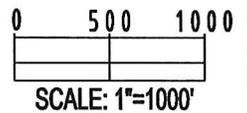
- ⊕ = EXISTING MONUMENT    ⊕ = BOTTOM HOLE    BH= BOTTOM HOLE
- = PROPOSED WELL        ◆ = EXISTING WELL

**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.

**NOTES:**

- FREDERICK STATE 1-36 TO BE AT 1454' FNL, 2516' FEL.  
 BOTTOM HOLE AT 660' FNL & 660' FEL.  
 FREDERICK STATE 2-36 TO BE AT 1438' FNL, 2516' FEL.  
 BOTTOM HOLE AT 660' FNL & 1980' FEL.  
 STATE #1 IS 1438' FNL, 2566' FEL.



REVISIONS	
INITIAL	DATE
SMF	11-04-09

PREPARED BY:



**PFS** llc  
 Petroleum Field Services, LLC  
 1801 W. 13th Ave.  
 Denver, CO 80204

KERR-MCGEE OIL & GAS ONSHORE LP	
FIELD DATE: 10-28-09	PAD NAME: FREDERICK STATE 2 PAD
DRAWING DATE: 10-30-09	SURFACE LOCATION:
BY: SMF	WELD COUNTY, COLORADO SW 1/4 NE 1/4, SEC. 36, T2N, R68W