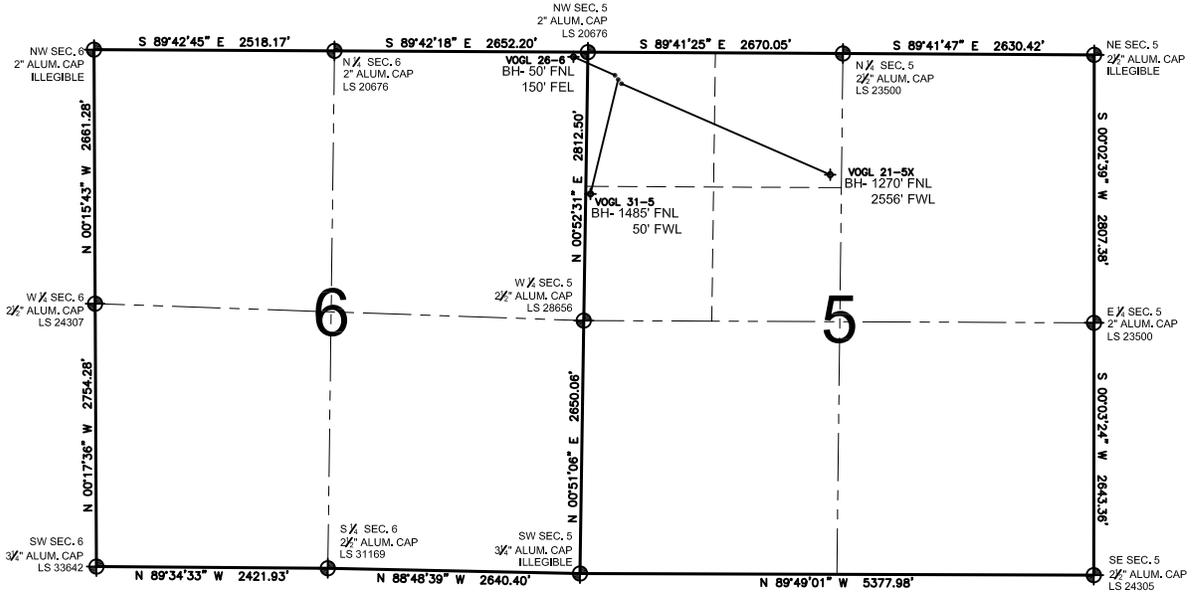


# PAD DRAWING - VOGL 3 PAD

## SECTION 5, TOWNSHIP 2 NORTH, RANGE 67 WEST, 6TH P.M.



**NOTES:**

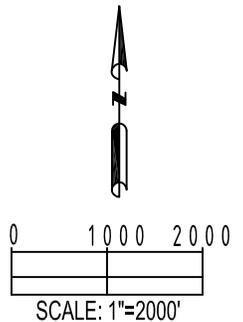
- THIS SURVEY WAS DONE BY GPS METHODS AND CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- ELEVATIONS SHOWN AT THE WELL HEAD, AS WELL AS HORIZONTAL CONTROL, ARE BASED ON GPS-RTK VALUES DERIVED FROM DOING 2-HOUR STATIC GPS SESSIONS AND REDUCTIONS USING O.P.U.S. SOLUTIONS.  
VERTICAL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

**LEGEND**

- ⊕ = EXISTING MONUMENT
- ⊙ = PROPOSED WELL
- ⊕ (with dot) = BOTTOM HOLE
- ◆ = EXISTING WELL
- BH= BOTTOM HOLE

**NOTES:**

- VOGL 26-6 TO BE AT 302' FNL, 340' FWL.
- BOTTOM HOLE AT 50' FNL & 150' FEL.
- VOGL 31-5 TO BE AT 315' FNL, 349' FWL.
- BOTTOM HOLE AT 1485' FNL & 50' FWL.
- VOGL 21-5X TO BE AT 329' FNL, 358' FWL.
- BOTTOM HOLE AT 1270' FNL & 2556' FWL.



REVISIONS		PREPARED BY:
INITIAL	DATE	<b>PFS</b> Petroleum Field Services, LLC 1801 W. 13th Ave. Denver, CO 80204
SMF	08-25-09	
SMF	11-12-09	
SMF	07-14-10	

<b>KERR-MCGEE OIL &amp; GAS ONSHORE LP</b>	
FIELD DATE: 08-10-09	PAD NAME: VOGL 3 PAD
DRAWING DATE: 08-12-09	SURFACE LOCATION: WELD COUNTY, COLORADO NW 1/4 NW 1/4, SEC. 5, T2N, R67W
BY: SMF	