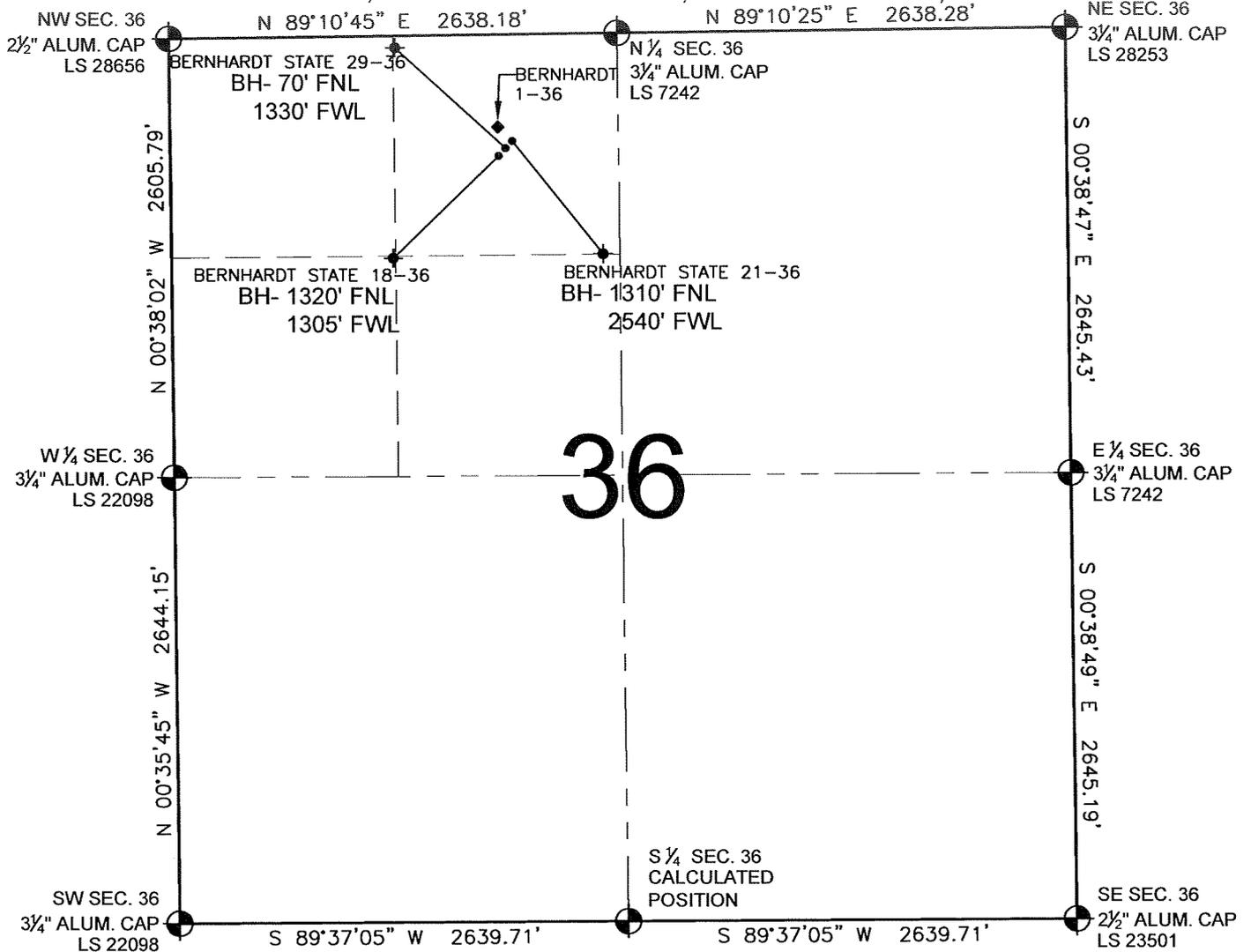


PAD DRAWING - BERNHARDT STATE 3 PAD

SECTION 36, TOWNSHIP 5 NORTH, RANGE 67 WEST, 6TH P.M.



LEGEND

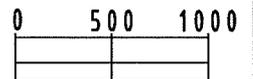
- ⊕ = EXISTING MONUMENT ⊕ = BOTTOM HOLE BH= BOTTOM HOLE
- = PROPOSED WELL ◆ = EXISTING WELL

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:

- BERNHARDT STATE 18-36 TO BE AT 683' FNL, 1981' FWL.
- BOTTOM HOLE AT 1320' FNL & 1305' FWL.
- BERNHARDT STATE 29-36 TO BE AT 658' FNL, 1998' FWL.
- BOTTOM HOLE AT 70' FNL & 1330' FWL.
- BERNHARDT STATE 21-36 TO BE AT 633' FNL, 2015' FWL.
- BOTTOM HOLE AT 1310' FNL & 2540' FWL.
- BERNHARDT 1-36 IS 605' FNL, 1973' FWL.



SCALE: 1"=1000'

REVISIONS		PREPARED BY:
INITIAL	DATE	 Petroleum Field Services, LLC 1801 W. 13th Ave. Denver, CO 80204
SMF	09-22-09	

KERR-MCGEE OIL & GAS ONSHORE LP

FIELD DATE: 08-26-09	WELL NAME: BERNHARDT STATE 3 PAD
DRAWING DATE: 08-31-09	SURFACE LOCATION: WELD COUNTY, COLORADO NE 1/4 NW 1/4, SEC. 36, T5N, R67W
BY: SMF	