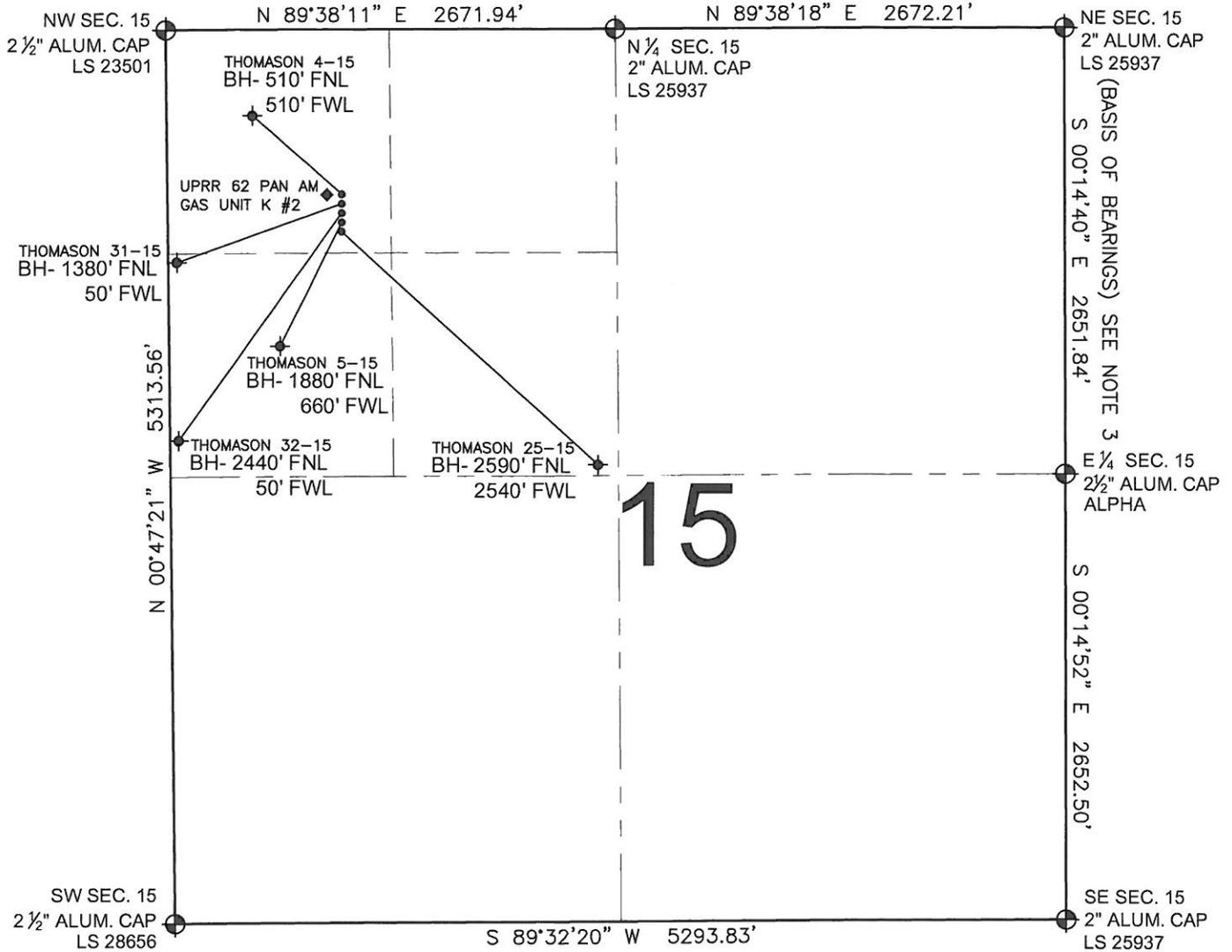


PAD DRAWING - THOMASON 5 PAD

SECTION 15, TOWNSHIP 2 NORTH, RANGE 65 WEST, 6TH P.M.



LEGEND

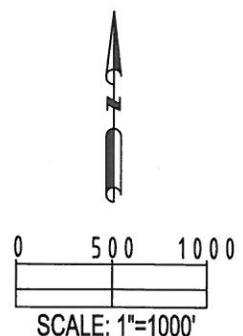
- ⊕ = EXISTING MONUMENT ◆ = BOTTOM HOLE BH= BOTTOM HOLE
- = PROPOSED WELL ◆ = EXISTING WELL

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.

NOTES:

- THOMASON 25-15 TO BE AT 1043' FNL, 1041' FWL. BOTTOM HOLE AT 2590' FNL & 2540' FWL.
- THOMASON 5-15 TO BE AT 1027' FNL, 1041' FWL. BOTTOM HOLE AT 1880' FNL & 660' FWL.
- THOMASON 32-15 TO BE AT 1011' FNL, 1041' FWL. BOTTOM HOLE AT 2440' FNL & 50' FWL.
- THOMASON 31-15 TO BE AT 995' FNL, 1041' FWL. BOTTOM HOLE AT 1380' FNL & 50' FWL.
- THOMASON 4-15 TO BE AT 979' FNL, 1041' FWL. BOTTOM HOLE AT 510' FNL & 510' FWL.
- UPRR 62 PAN AM GAS UNIT K #2 IS 979' FNL, 991' FWL.



REVISIONS	
INITIAL	DATE

PREPARED BY:

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

KERR-MCGEE OIL & GAS ONSHORE LP

FIELD DATE: 08-17-10	PAD NAME: THOMASON 5 PAD
DRAWING DATE: 08-19-10	SURFACE LOCATION:
BY: SMF	WELD COUNTY, COLORADO NW 1/4 NW 1/4, SEC. 15, T2N, R65W