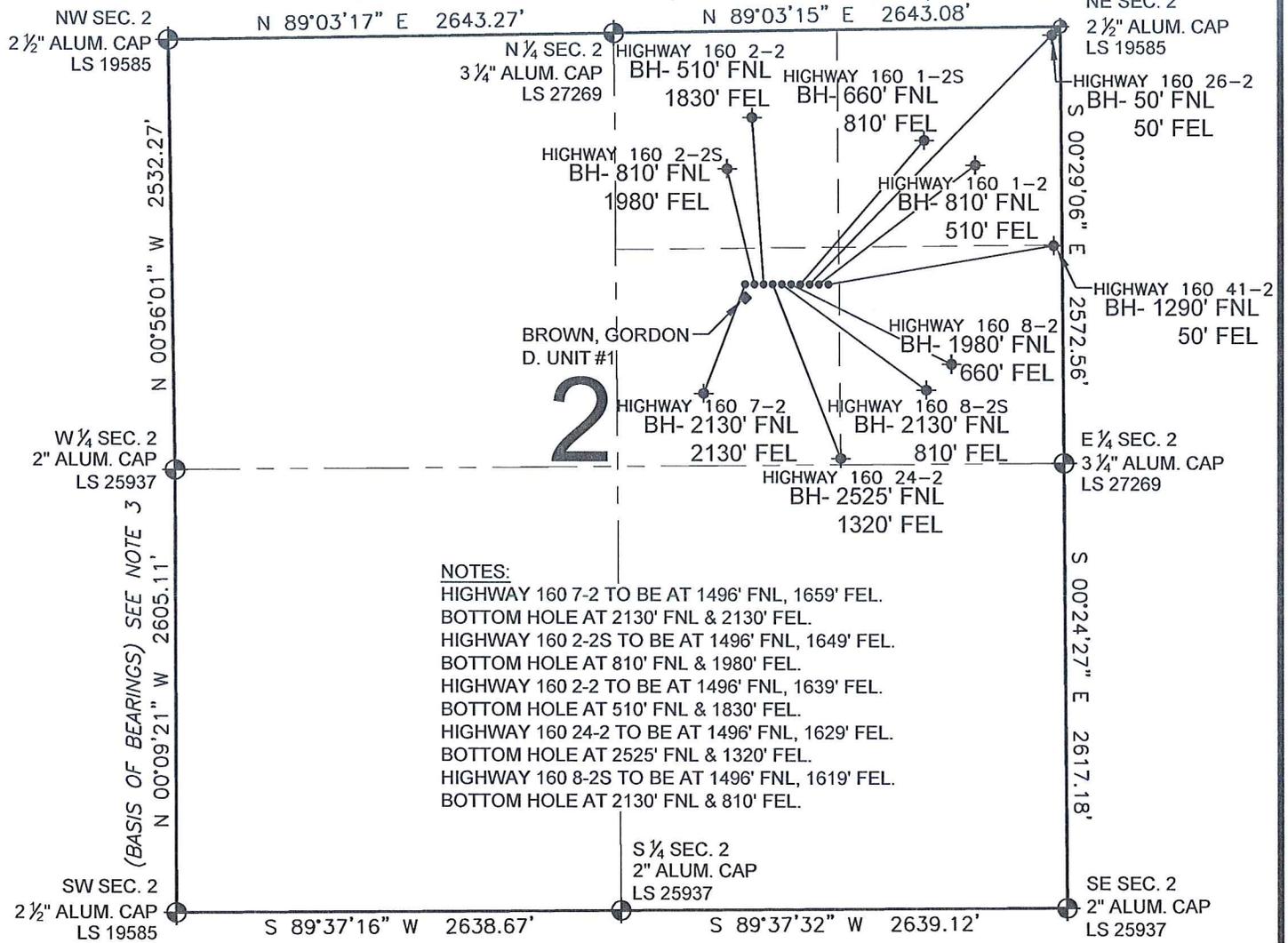


PAD DRAWING - HIGHWAY 160 10 PAD

SECTION 2, TOWNSHIP 1 NORTH, RANGE 66 WEST, 6TH P.M.



NOTES:

HIGHWAY 160 7-2 TO BE AT 1496' FNL, 1659' FEL.
 BOTTOM HOLE AT 2130' FNL & 2130' FEL.
 HIGHWAY 160 2-2S TO BE AT 1496' FNL, 1649' FEL.
 BOTTOM HOLE AT 810' FNL & 1980' FEL.
 HIGHWAY 160 2-2 TO BE AT 1496' FNL, 1639' FEL.
 BOTTOM HOLE AT 510' FNL & 1830' FEL.
 HIGHWAY 160 24-2 TO BE AT 1496' FNL, 1629' FEL.
 BOTTOM HOLE AT 2525' FNL & 1320' FEL.
 HIGHWAY 160 8-2S TO BE AT 1496' FNL, 1619' FEL.
 BOTTOM HOLE AT 2130' FNL & 810' FEL.

NOTES:

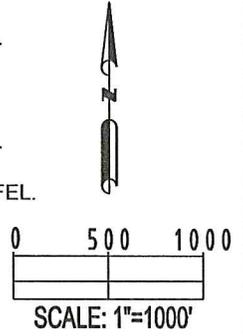
HIGHWAY 160 8-2 TO BE AT 1496' FNL, 1609' FEL.
 BOTTOM HOLE AT 1980' FNL & 660' FEL.
 HIGHWAY 160 1-2S TO BE AT 1496' FNL, 1599' FEL.
 BOTTOM HOLE AT 660' FNL & 810' FEL.
 HIGHWAY 160 26-2 TO BE AT 1496' FNL, 1589' FEL.
 BOTTOM HOLE AT 50' FNL & 50' FEL.
 HIGHWAY 160 1-2 TO BE AT 1496' FNL, 1579' FEL.
 BOTTOM HOLE AT 810' FNL & 510' FEL.
 HIGHWAY 160 41-2 TO BE AT 1496' FNL, 1569' FEL.
 BOTTOM HOLE AT 1290' FNL & 50' FEL.
 BROWN, GORDON D. UNIT #1 IS 1544' FNL, 1659' FEL.

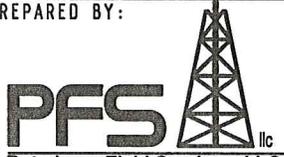
LEGEND

- ⊕ = 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.



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

KERR-MCGEE OIL & GAS ONSHORE LP	
FIELD DATE: 02-23-10	PAD NAME: HIGHWAY 160 10 PAD
DRAWING DATE: 03-05-10	SURFACE LOCATION: WELD COUNTY, COLORADO SW 1/4 NE 1/4, SEC. 2, T1N, R66W
BY: SMF	