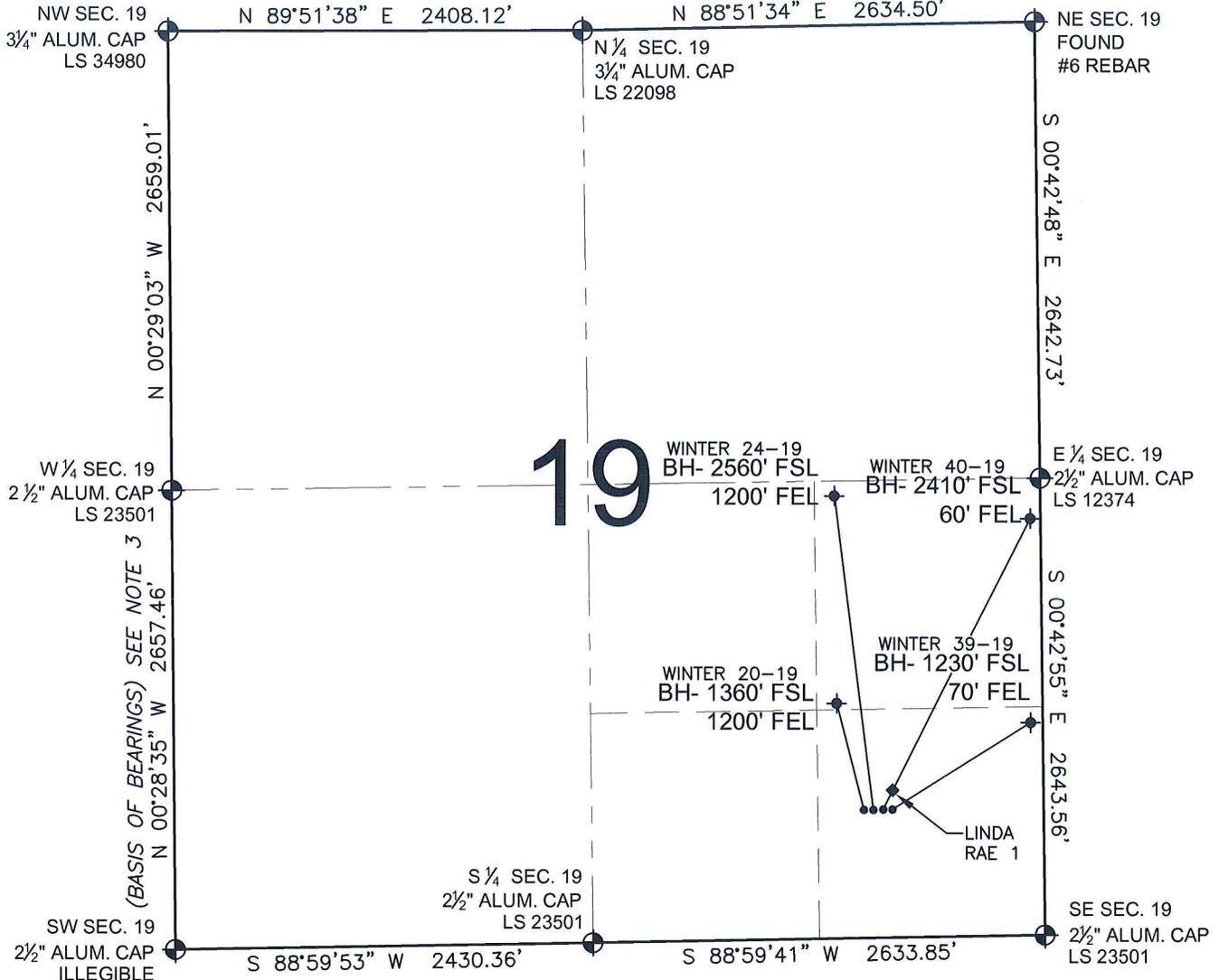


PAD DRAWING - WINTER 4 PAD

SECTION 19, TOWNSHIP 6 NORTH, RANGE 64 WEST, 6TH P.M.



LEGEND

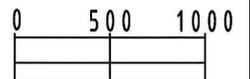
- ⊕ = EXISTING MONUMENT ♦ = BOTTOM HOLE BH= BOTTOM HOLE
- = PROPOSED WELL ◆ = EXISTING WELL

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:

- WINTER 39-19 TO BE AT 741' FSL, 882' FEL.
- BOTTOM HOLE AT 1230' FSL & 70' FEL.
- WINTER 40-19 TO BE AT 741' FSL, 898' FEL.
- BOTTOM HOLE AT 2410' FSL & 60' FEL.
- WINTER 24-19 TO BE AT 741' FSL, 914' FEL.
- BOTTOM HOLE AT 2560' FSL & 1200' FEL.
- WINTER 20-19 TO BE AT 741' FSL, 930' FEL.
- BOTTOM HOLE AT 1360' FSL & 1200' FEL.
- LINDA RAE 1 IS 970' FSL, 883' FEL.



SCALE: 1"=1000'

REVISIONS		PREPARED BY:
INITIAL	DATE	 PFS <small>llc</small> Petroleum Field Services, LLC. 1801 W. 13th Ave. Denver, CO 80204
SMF	04-13-10	

KERR-MCGEE OIL & GAS ONSHORE LP	
FIELD DATE: 03-18-10	PAD NAME: WINTER 4 PAD
DRAWING DATE: 03-23-10	SURFACE LOCATION:
BY: SMF	WELD COUNTY, COLORADO SE 1/4 SE 1/4, SEC. 19, T6N, R64W