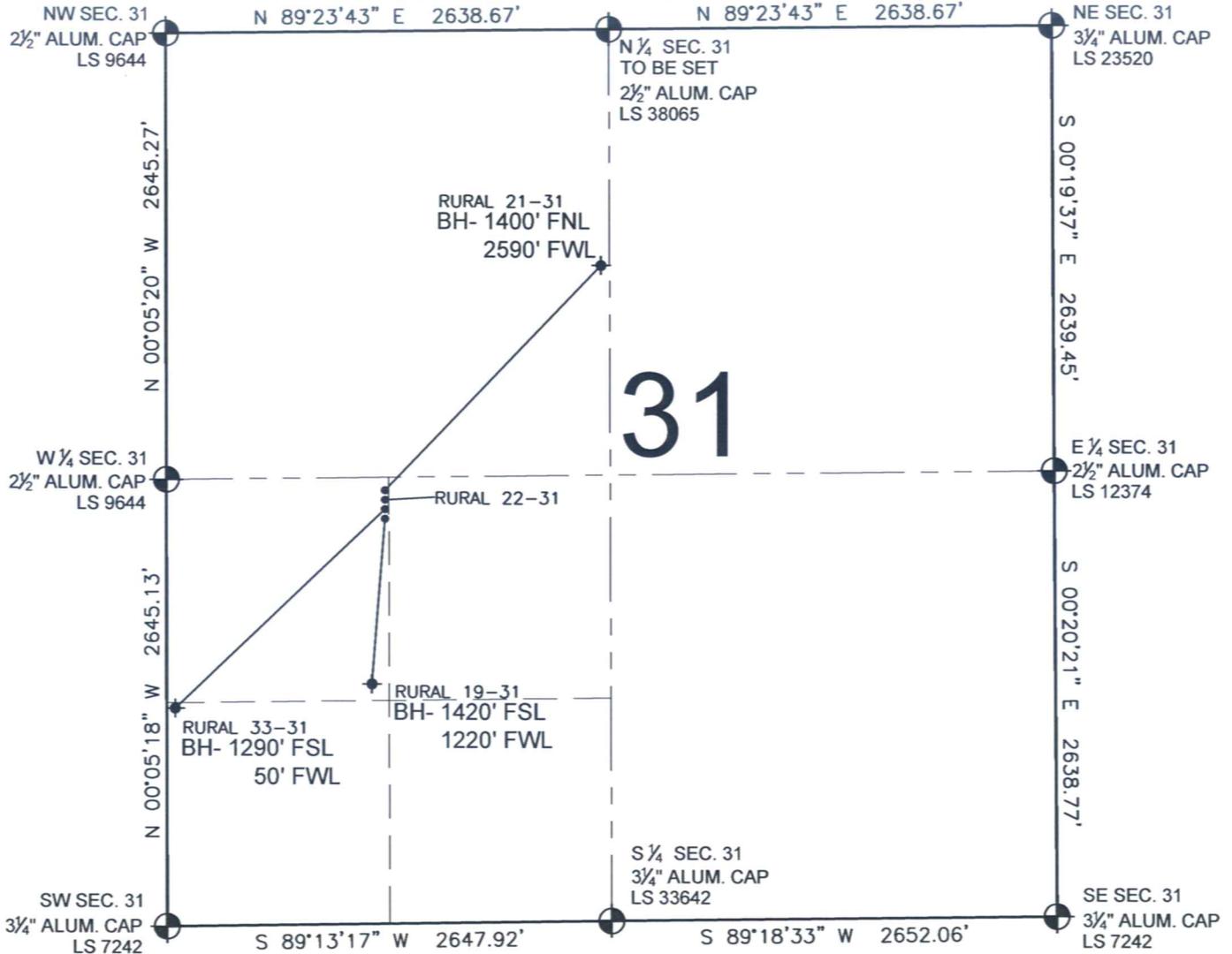


PAD DRAWING - RURAL 22-31 PAD

SECTION 31, TOWNSHIP 4 NORTH, RANGE 65 WEST, 6TH P.M.



NOTES:

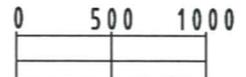
- THIS SURVEY WAS DONE BY GPS METHODS AND CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- ELEVATIONS SHOWN AT THE WELL HEAD, AS WELL AS HORIZONTAL CONTROL, ARE BASED ON GPS-RTK VALUES DERIVED FROM DOING 2-HOUR STATIC GPS SESSIONS AND REDUCTIONS USING O.P.U.S. SOLUTIONS.
VERTICAL = 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
- ⚡ = BOTTOM HOLE
- ◆ = EXISTING WELL
- BH= BOTTOM HOLE

NOTES:

- RURAL 21-31 TO BE AT 2565' FSL, 1300' FWL. BOTTOM HOLE AT 1400' FNL & 2590' FWL.
- RURAL 22-31 TO BE AT 2550' FSL, 1300' FWL.
- RURAL 33-31 TO BE AT 2535' FSL, 1300' FWL. BOTTOM HOLE AT 1290' FSL & 50' FWL.
- RURAL 19-31 TO BE AT 2520' FSL, 1300' FWL. BOTTOM HOLE AT 1420' FSL & 1220' FWL.



SCALE: 1"=1000'

REVISIONS		PREPARED BY:
INITIAL	DATE	
SMF	07-31-09	
SMF	10-03-09	

KERR-MCGEE OIL & GAS ONSHORE LP

FIELD DATE: 06-25-09
DRAWING DATE: 06-29-09
BY: SMF

PAD NAME: RURAL 4 PAD
SURFACE LOCATION: WELD COUNTY, COLORADO NW 1/4 SW 1/4, SEC. 31, T4N, R65W