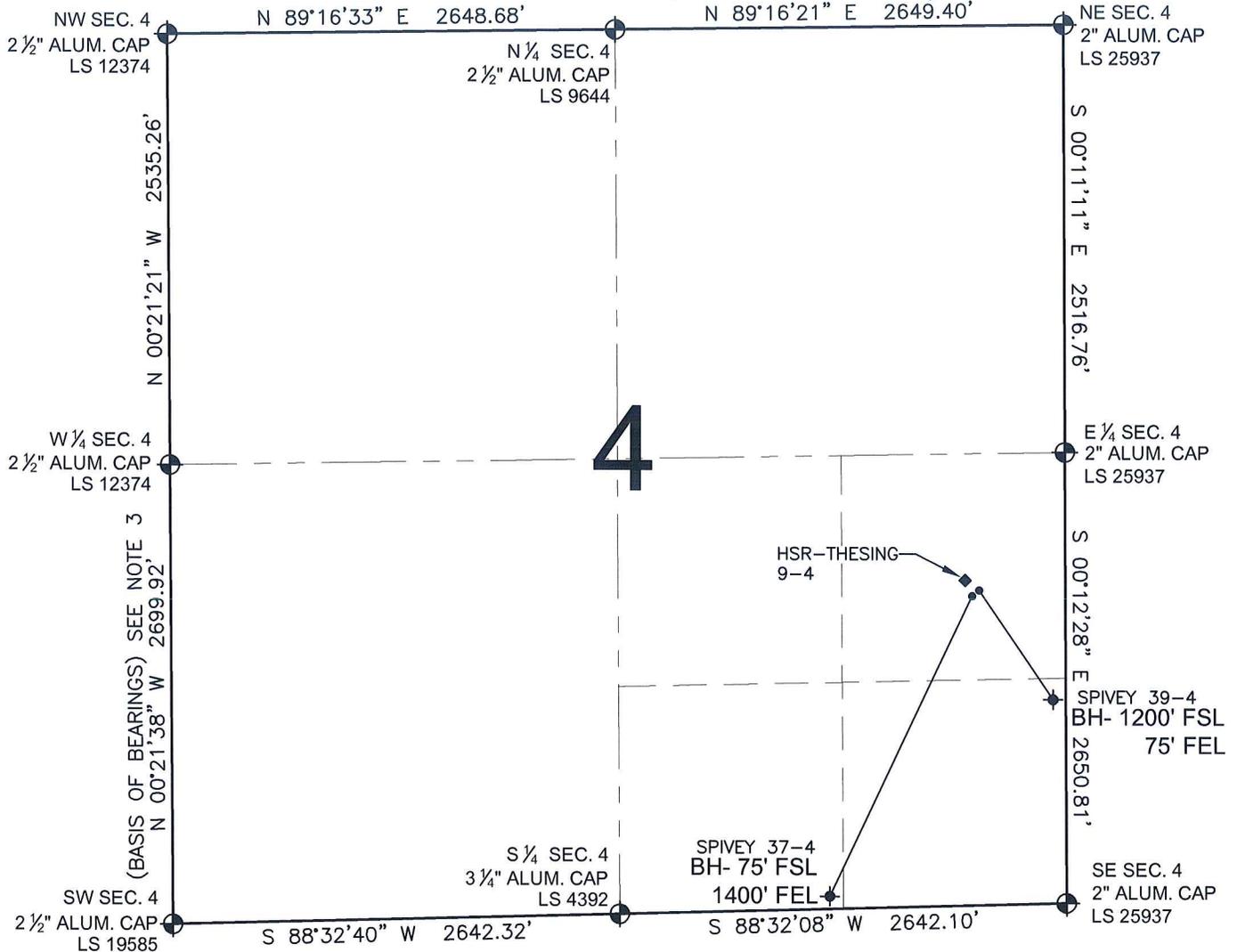


PAD DRAWING - SPIVEY 2 PAD

SECTION 4, TOWNSHIP 3 NORTH, RANGE 66 WEST, 6TH P.M.



LEGEND

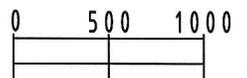
- ⊙ = EXISTING MONUMENT ◆ = BOTTOM HOLE BH= BOTTOM HOLE
- = PROPOSED WELL ◆ = EXISTING WELL

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:

- SPIVEY 37-4 TO BE AT 1840' FSL, 517' FEL.
- BOTTOM HOLE AT 75' FSL & 1400' FEL.
- SPIVEY 39-4 TO BE AT 1853' FSL, 509' FEL.
- BOTTOM HOLE AT 1200' FSL & 75' FEL.
- HSR-THESING 9-4 IS 1877' FSL, 552' FEL.



SCALE: 1"=1000'

REVISIONS		PREPARED BY:
INITIAL	DATE	

KERR-MCGEE OIL & GAS ONSHORE LP	
FIELD DATE: 03-22-10	PAD NAME: SPIVEY 2 PAD
DRAWING DATE: 03-23-10	SURFACE LOCATION:
BY: SMF	WELD COUNTY, COLORADO NE 1/4 SE 1/4, SEC. 4, T3N, R66W