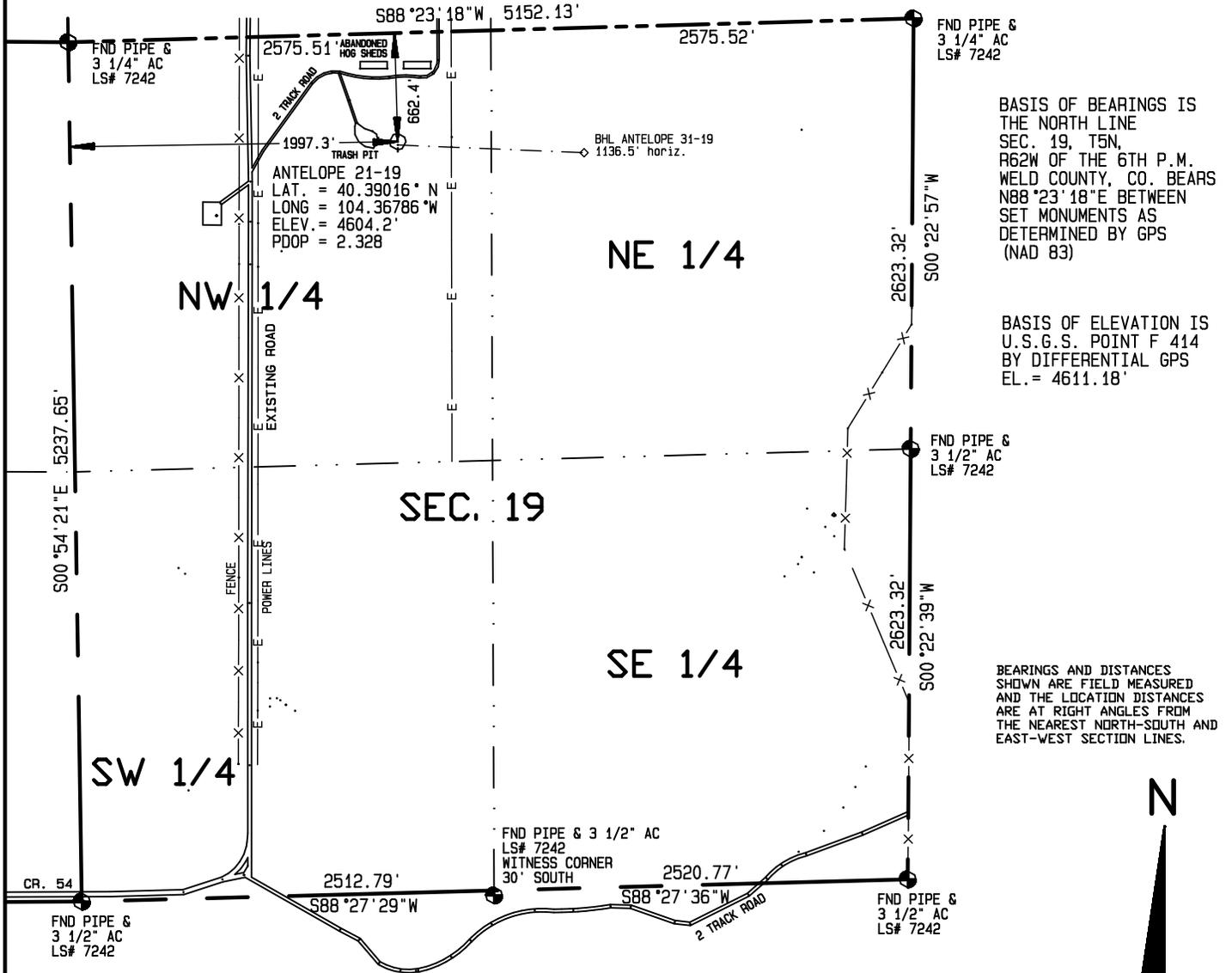


SURFACE HOLE LOCATIONS						BOTTOM HOLE LOCATIONS				
WELL	LAT.	LONG.	EL.	FNL	FWL	WELL	LAT.	LONG.	N/S	E/W
21-19	40.39016°	104.36786°	4604.17'	662.4'	1997.3'	21-19	40.39016°	104.36786°	662.4'	FNL 1997.3' FWL
31-19	40.39011°	104.36786°	4604.65'	682.3'	1997.2'	31-19	40.38998°	104.36373°	761.2'	FNL 2001.5' FEL

Visible improvements within 400 feet of the location include: A trash pit 117' West, overhead power lines 327' East, and a track road 389' north.



BASIS OF BEARINGS IS THE NORTH LINE SEC. 19, T5N, R62W OF THE 6TH P.M. WELD COUNTY, CO. BEARS N88°23'18"E BETWEEN SET MONUMENTS AS DETERMINED BY GPS (NAD 83)

BASIS OF ELEVATION IS U.S.G.S. POINT F 414 BY DIFFERENTIAL GPS EL. = 4611.18'

BEARINGS AND DISTANCES SHOWN ARE FIELD MEASURED AND THE LOCATION DISTANCES ARE AT RIGHT ANGLES FROM THE NEAREST NORTH-SOUTH AND EAST-WEST SECTION LINES.



1000 500 0 1000

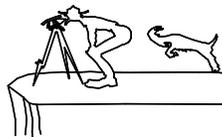


Scale 1" = 1000'

Dan Griggs PLS# 38018

CONTRACT SURVEYORS, LTD.
COMPLETE SURVEYING AND GLOBAL POSITIONING

2133 SOUTH BELLAIRE STREET #14
DENVER COLORADO 80222
(303) 756-3695



CSL# 10104-45

DATE OF FIELD WORK:

27 JULY, 2010

DATE OF DRAWING:

10 AUGUST, 2010

ANTELOPE 21-19 PAD SITE

. NE 1/4 NW 1/4 SEC. 19, T5N, R62W

BONANAZA CREEK ENERGY OPERATING COMPANY, LLC

WELD COUNTY, COLORADO