

SURFACE HOLE LOCATIONS						BOTTOM HOLE LOCATIONS				
WELL	LAT.	LONG.	EL.	FSL	FWL	WELL	LAT.	LONG.	N/S	E/W
23-19	40.38303°	104.36791°	4615.83'	1979.1'	1938.8'	23-19	40.38303°	104.36791°	1979.1' FSL	1938.8' FWL
33-19	40.38308°	104.36791°	4615.85'	1999.1'	1939.8'	33-19	40.38312°	104.36373°	1981.4' FSL	1975.2' FWL

Visible improvements within 400 feet of the location include: Abandoned hog shed foundations, closest are 69' SE, 73' NE, 72' NW & 67' SW, overhead power lines 315' East, and a track road 388' South.

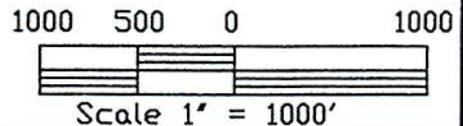
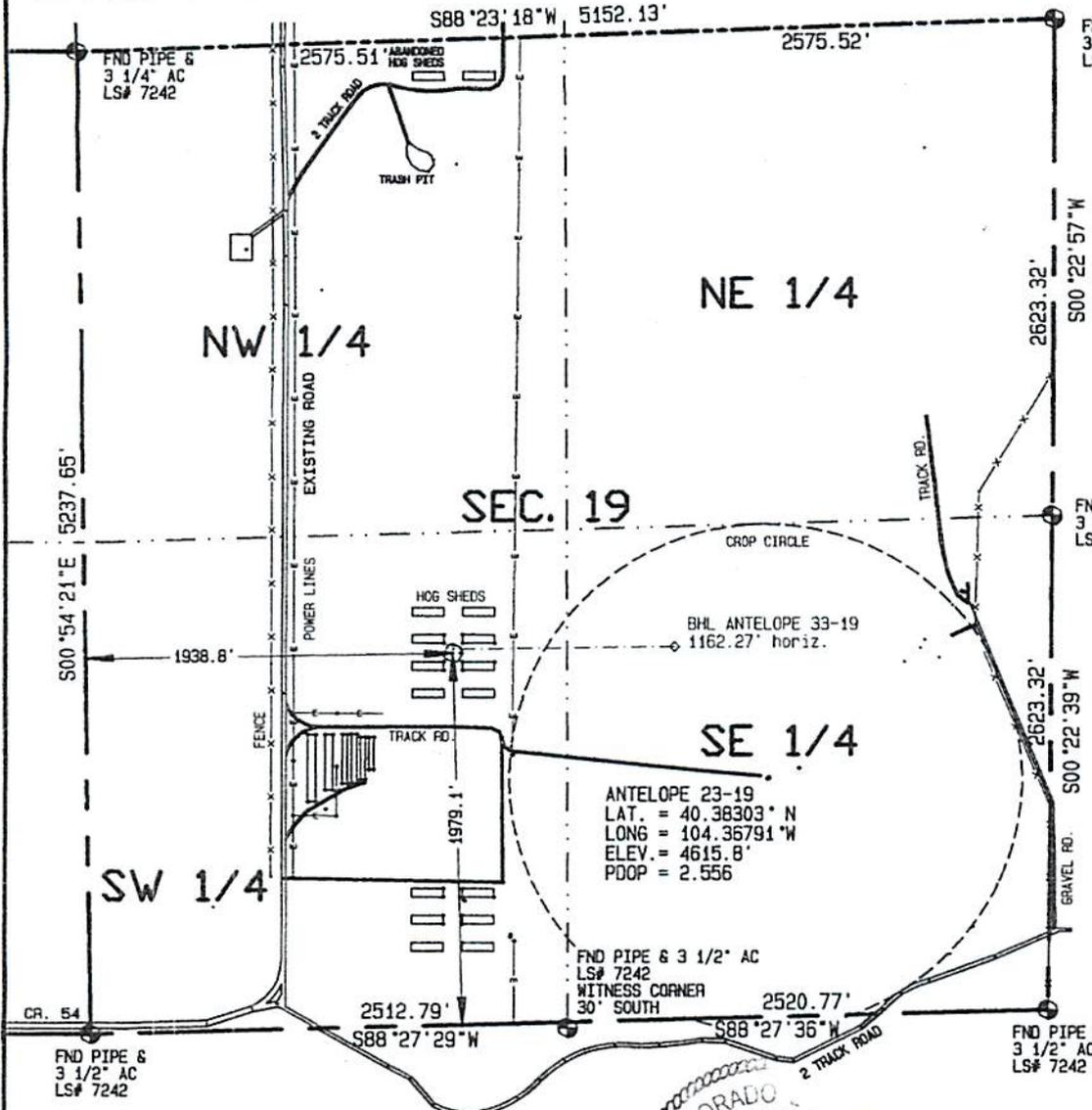
RECEIVED

AUG 12 2010

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.



I HEREBY CERTIFY THAT THIS PLAT IS AN ACCURATE REPRESENTATION OF A CORRECT SURVEY SHOWING THE LOCATION OF SAID WELLSITE:

Dan Griggs PLS# 38018

CONTRACT SURVEYORS, LTD. COMPLETE SURVEYING AND GLOBAL POSITIONING 2133 SOUTH BELLAIRE STREET #14 DENVER COLORADO 80222 (303) 756-3695	DATE OF FIELD WORK	DATE OF DRAWING
	JULY 28, 2010	AUGUST 11, 2010
	ANTELOPE 23-19 PAD SITE	
	. NE 1/4 SW 1/4 SEC. 19, T5N, R62W	
	BONANAZA CREEK ENERGY OPERATING COMPANY, LLC	
WELD COUNTY, COLORADO		
CSL# 10104-46		