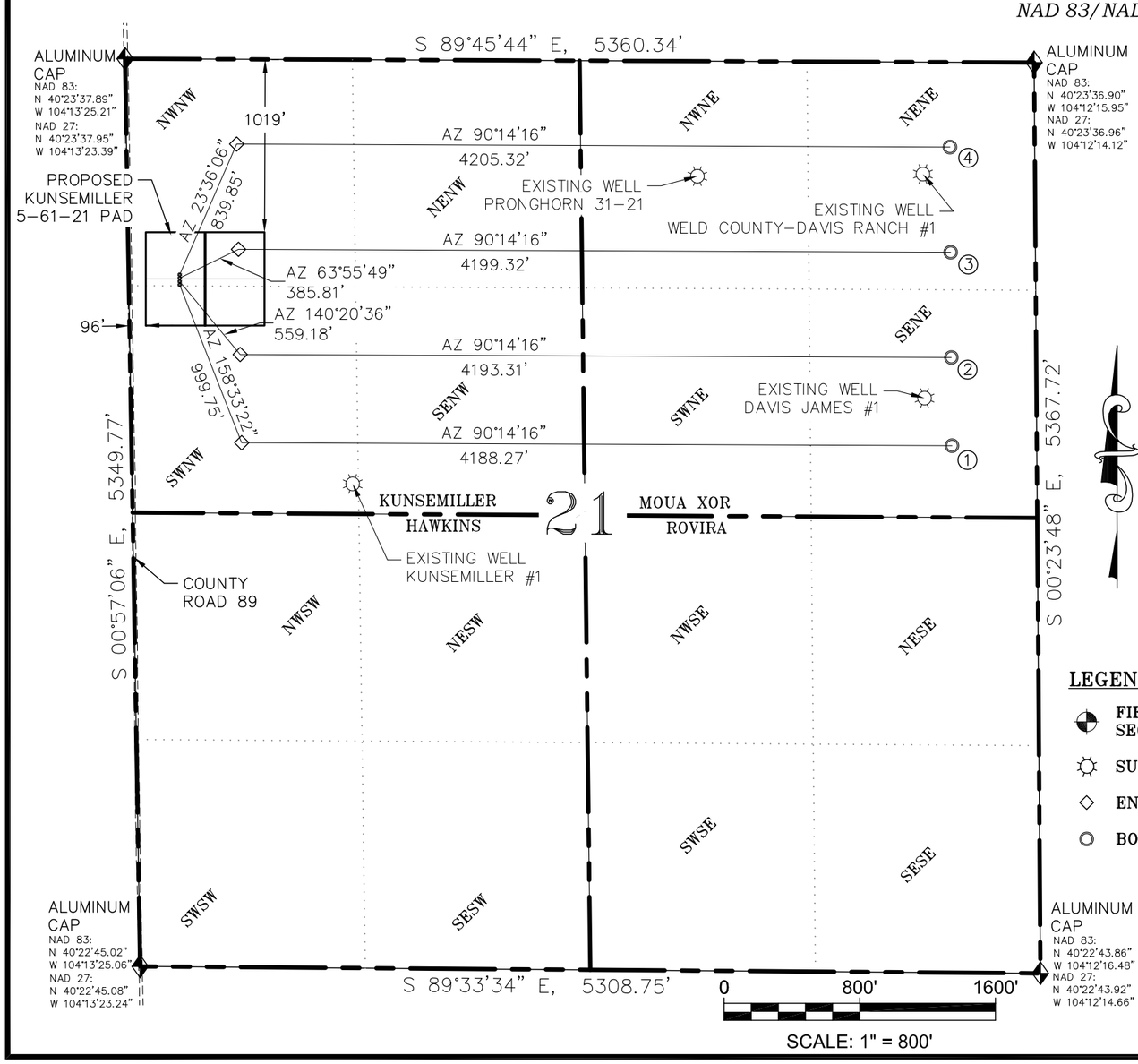
SURFACE HOLE LOCATIONS										ENTRY POINT LOCATIONS								BOTTOM HOLE LOCATIONS							
	WELL NAME	FNL	FEL	NORTHING	EASTING	LAT NAD 83	LONG NAD 83	LAT NAD 27	LONG NAD 27	FNL	FWL	NORTHING	EASTING	LAT NAD 83	LONG NAD 83	LAT NAD 27	LONG NAD 27	FNL	FEL	NORTHING	EASTING	LAT NAD 83	LONG NAD 83	LAT NAD 27	LONG NAD 27
1	KUNSEMILLER 05-61-21-3225BH	1331'	300' FWL	1387548.7	3355813.1	N 40°23'24.68"	W 104°13'21.30"	N 40°23'24.74"	W 104°13'19.48"	2260	650	1386618.1	3356178.6	N 40°23'15.43"	W 104°13'16.75"	N 40°23'15.49"	W 104°13'14.93"	2260	500	1386600.8	3360366.8	N 40°23'14.66"	W 104°12'22.63"	N 40°23'14.72"	W 104°12'20.81"
2	KUNSEMILLER 05-61-21-1724BH	1311'	300' FWL	1387568.7	3355813.1	N 40°23'24.87"	W 104°13'21.29"	N 40°23'24.94"	W 104°13'19.47"	1740	650	1387138.2	3356169.9	N 40°23'20.57"	W 104°13'16.76"	N 40°23'20.63"	W 104°13'14.94"	1740	500	1387120.8	3360363.2	N 40°23'19.80"	W 104°12'22.58"	N 40°23'19.86"	W 104°12'20.76"
3	KUNSEMILLER 05-61-21-1609BH	1291'	301' FWL	1387588.7	3355813.1	N 40°23'25.07"	W 104°13'21.29"	N 40°23'25.13"	W 104°13'19.47"	1120	650	1387758.2	3356159.6	N 40°23'26.70"	W 104°13'16.78"	N 40°23'26.76"	W 104°13'14.96"	1120	500	1387740.8	3360358.9	N 40°23'25.92"	W 104°12'22.52"	N 40°23'25.99"	W 104°12'20.70"
4	KUNSEMILLER 05-61-21-0108BH	1271'	301' FWL	1387608.7	3355813.1	N 40°23'25.27"	W 104°13'21.29"	N 40°23'25.33"	W 104°13'19.47"	500	650	1388378.3	3356149.3	N 40°23'32.82"	W 104°13'16.80"	N 40°23'32.89"	W 104°13'14.98"	500	500	1388360.8	3360354.6	N 40°23'32.05"	W 104°12'22.46"	N 40°23'32.11"	W 104°12'20.64"
5	**PRONGHORN 31-21	678'	1990'	1388189.0	3358865.6	N 40°23'30.57"	W 104°12'41.73"	N 40°23'30.63"	W 104°12'39.91"																
6	**WELD COUNTY-DAVIS RANCH 1	660'	660'	1388201.5	3360195.7	N 40°23'30.50"	W 104°12'24.54"	N 40°23'30.56"	W 104°12'22.72"																
7	**DAVIS JAMES 1	1980'	660'	1386881.4	3360204.9	N 40°23'17.45"	W 104°12'24.67"	N 40°23'17.52"	W 104°12'22.85"																
8	**KUNSEMILLER 1	2500'	1300' FWL	1386375.4	3356832.7	N 40°23'12.94"	W 104°13'08.34"	N 40°23'13.00"	W 104°13'06.52"																

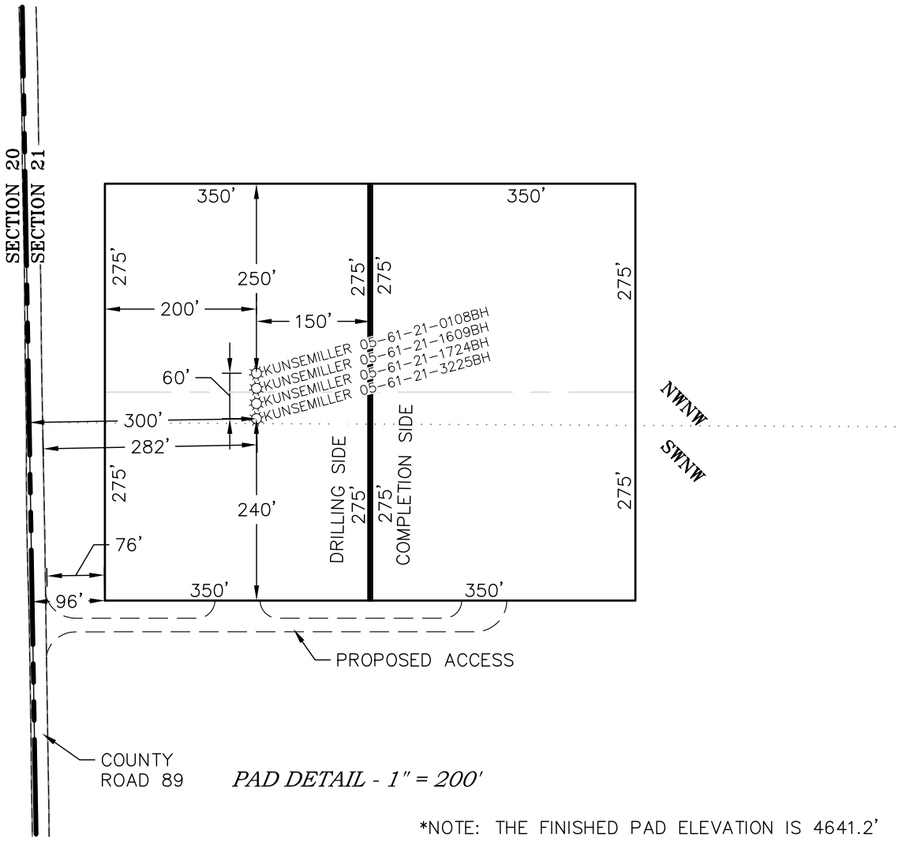
** = EXISTING WELL

HORIZONTAL OFFSET EXHIBIT

KUNSEMILLER 5-61-21 PAD

NAD 83/ NAD 27 COLORADO NORTH ZONE





PAD DETAIL - 1" = 200'

*NOTE: THE FINISHED PAD ELEVATION IS 4641.2'

LEGEND

- FIELD LOCATED SECTION CORNER
- SURFACE HOLE LOCATION
- ENTRY POINT
- BOTTOM HOLE LOCATION

ECLIPSE Surveying, Inc.
230 MAIN STREET, FORT MORGAN, CO 80701
(970) 370-2263

REV. DATE:	5/22/13
SCALE:	1" = 800'
DATE:	5/7/13
SHEET:	1 OF 1
PROJECT:	KNSMLR
DFT:	TAB

Bill Barrett Corporation

NW1/4, SECTION 21
T. 5 N., R. 61 W. of the 6th. P.M.
WELD COUNTY, COLORADO

z:\land projects 2013\bill barrett corp east\section 21 5n 61w\kunsemiller plat package\dwg\kunsemiller hor offset.dwg 5/22/2013 12:09 PM