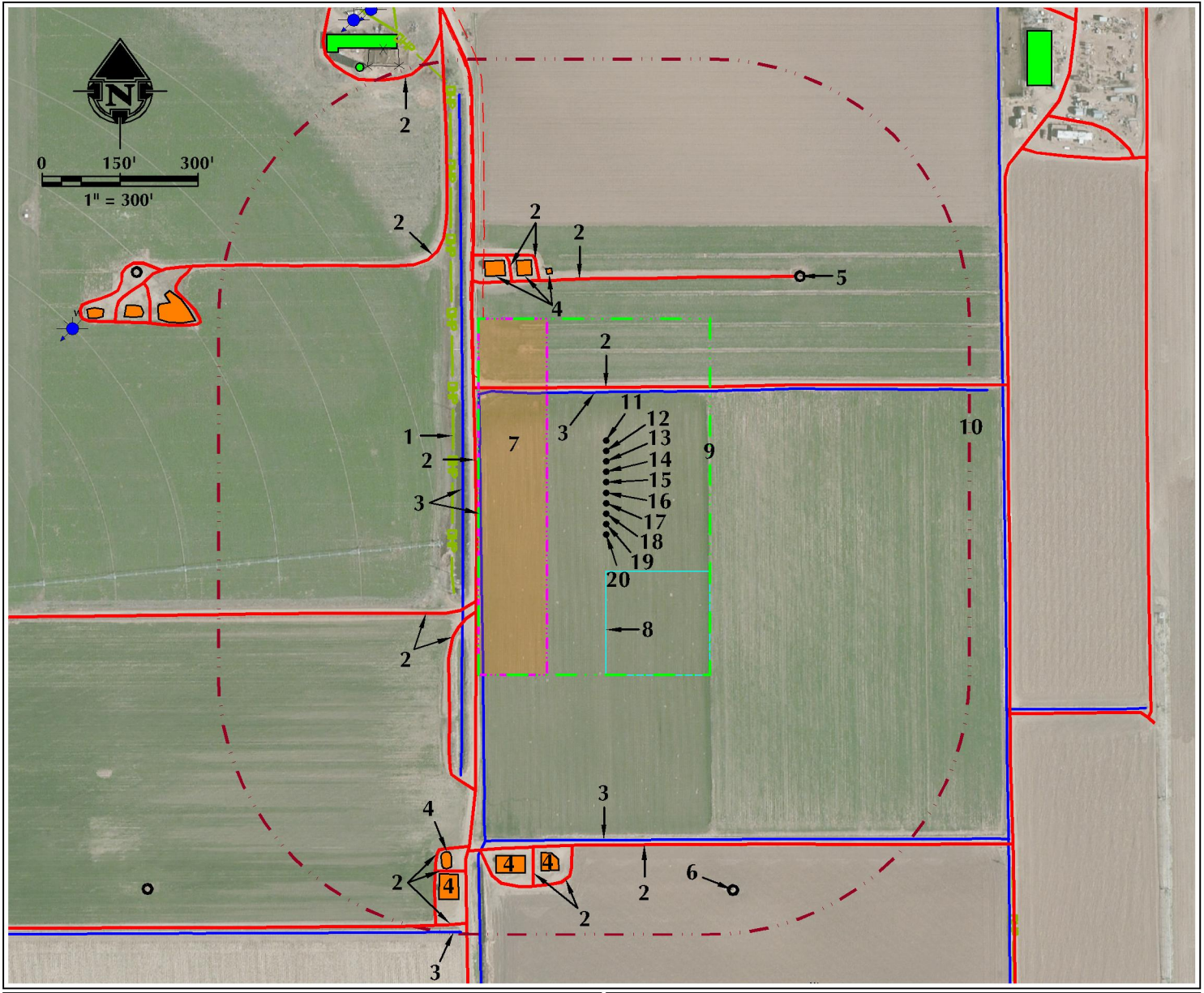
LOCATION DRAWING

KAWATA 21-16

HORIZONTAL MULTI-WELL PAD

W1/2 NE1/4 SECTION 16, TOWNSHIP 4 NORTH, RANGE 66 WEST, 6TH P.M.



1. OVERHEAD POWER LINE IS ±295' W.
2. EXISTING PRIVATE ROADS ARE ±103' N, ±252' W, ±314' N, ±335' NW, ±357' NW, ±398' SW, ±413' SW, ±489' NW, ±777' S, ±781' S, ±793' S, ±799' NW, ±822' S, ±867' S AND ±966' S.
3. EXISTING DITCHES ARE ±94' N, ±243' W, ±272' W, ±768' S AND ±986' S.
4. EXISTING FACILITIES ARE ±339' N, ±351' NW, ±374' NW, ±800' S, ±813' S, ±847' S AND ±882' S.
5. EXISTING WELL: KAWATA 2-16 IS ±490' NE.
6. EXISTING WELL: KAWATA 7-16 IS ±898' S.
7. PROPOSED KAWATA 21-16 FACILITY PAD IS ±114' W.
8. PROPOSED KAWATA 21-16 MLVT AREA IS ±170' S.
9. OPERATIONAL DISTURBANCE AREA
10. 500' BUFFER
11. PROPOSED WELL: KAWATA 30C-17-M
12. PROPOSED WELL: KAWATA 4N-17B-M
13. PROPOSED WELL: KAWATA 4N-17C-M
14. PROPOSED WELL: KAWATA 31N-17A-M
15. PROPOSED WELL: KAWATA 31C-17-M
16. PROPOSED WELL: KAWATA 31N-17C-M
17. PROPOSED WELL: KAWATA 5N-17B-M
18. PROPOSED WELL: KAWATA 5C-17-M
19. PROPOSED WELL: KAWATA 32N-17B-M
20. PROPOSED WELL: KAWATA 32N-17C-M

MEASURED FROM CLOSEST EDGE OF DISTURBANCE AREA

BUILDING:	±527' N	RAILROAD:	5280'+
BUILDING UNIT:	±659' N	PROPERTY LINE:	±8' W
PUBLIC ROAD:	±733' N	HIGH OCCUPANCY BUILDING UNIT:	5280'+
ABOVE GROUND UTILITY:	±47' W	DESIGNATED OUTSIDE ACTIVITY AREA:	5280'+

MEASURED FROM REFERENCE LOCATION

BUILDING:	±855' NW	RAILROAD:	5280'+
BUILDING UNIT:	±978' NW	PROPERTY LINE:	±262' W
PUBLIC ROAD:	±972' N	HIGH OCCUPANCY BUILDING UNIT:	5280'+
ABOVE GROUND UTILITY:	±295' W	DESIGNATED OUTSIDE ACTIVITY AREA:	5280'+

MEASURED FROM CLOSEST EDGE OF PRODUCTION FACILITY (EQUIPMENT)

BUILDING:	±676' N	RAILROAD:	5280'+
BUILDING UNIT:	±809' N	PROPERTY LINE:	±51' W
PUBLIC ROAD:	±878' N	HIGH OCCUPANCY BUILDING UNIT:	5280'+
ABOVE GROUND UTILITY:	±86' W	DESIGNATED OUTSIDE ACTIVITY AREA:	5280'+

LEGEND

- EXISTING WELL
- PROPOSED WELL
- WATER WELL
- PUBLIC ROAD
- PRIVATE ROAD
- EXISTING FENCE
- 500' BUFFER
- DISTURBANCE AREA
- DITCH/CANAL/DRAINAGE
- PROPOSED FACILITY PAD
- OHP — OVERHEAD POWER LINE
- PROPOSED ACCESS ROAD
- EXISTING FACILITY
- EXISTING BUILDINGS
- RESIDENCE/BUILDING UNIT

* REFERENCE LOCATION *

ALL MEASUREMENTS ARE MADE FROM REFERENCE WELL: KAWATA 30C-17-M
LAT: 40.316227° LONG: -104.781643° (NAD83)
EXISTING GROUND ELEVATION = 4732.2'
WELL FOOTAGES: 981' FNL & 2344' FEL

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DATE SURVEYED:	6/3/16
DATE:	6/28/16
DRAFTER:	SRS
REVISED:	7/18/16

DATA SOURCES:

- AERIAL COURTESY OF ESRI, INC.
- WATER WELLS COURTESY OF COLORADO DIVISION OF WATER RESOURCES

SURFACE USE: IRRIGATED CROPLAND

PREPARED FOR: SYNERGY RESOURCES CORPORATION

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