

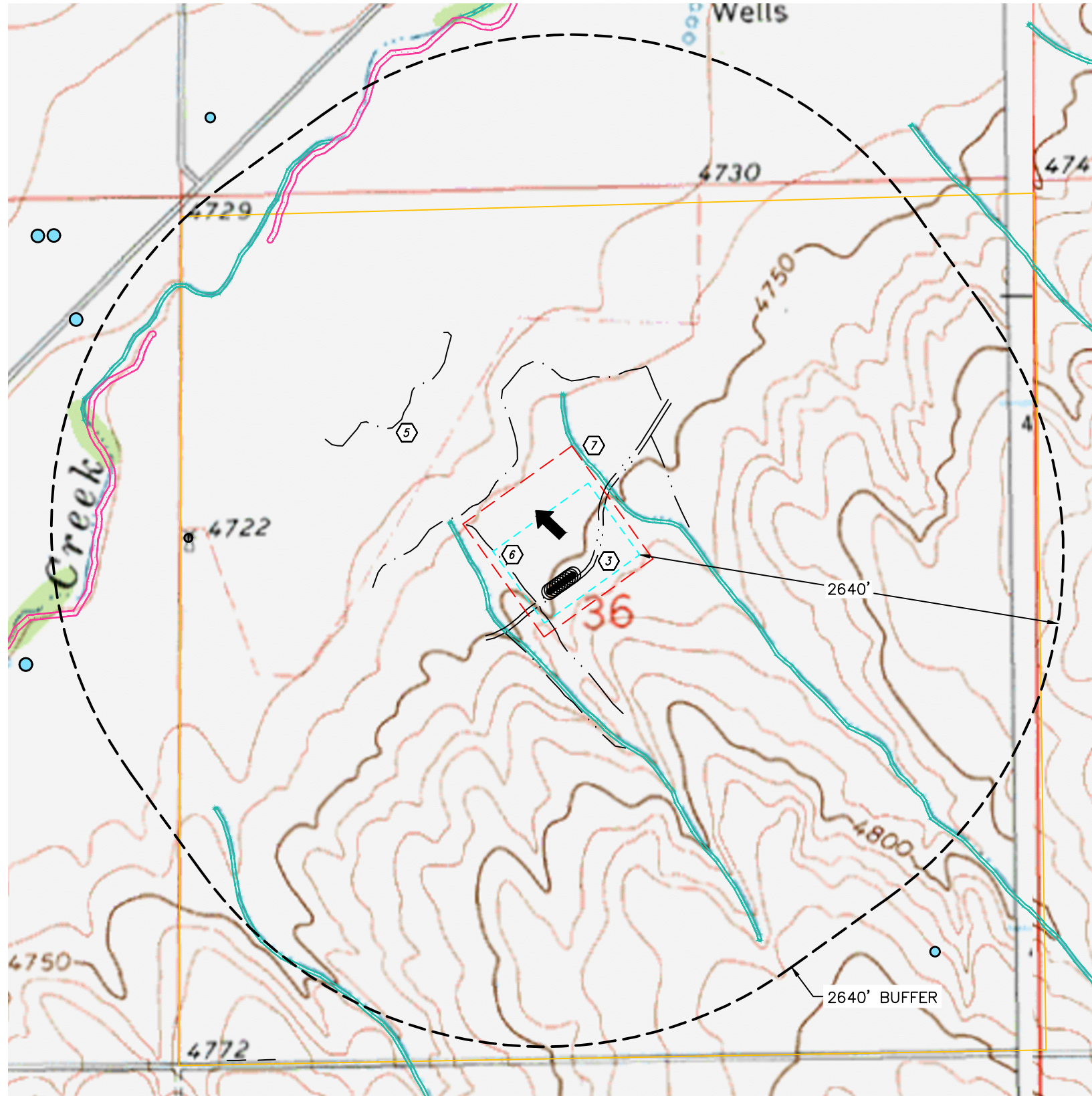


Lat40°, Inc. 6250 W. 10th Street, Unit 2, Greeley, CO 970-515-5294

HYDROLOGY MAP

DORADO 36 PAD
BISON OIL & GAS IV

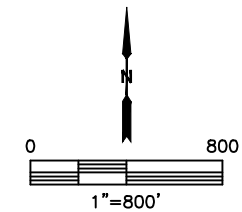
Q: SENW
SECTION: 36
TOWNSHIP: 7N
RANGE: 63W
6TH. P.M.
WELD COUNTY, CO



ID	SURFACE WATER	DISTANCES/BEARING (MEASURED FROM WORKING PAD SURFACE)	DISTANCES/BEARING (MEASURED FROM OIL & GAS LOCATION)
1	MAJOR DITCH/CANAL	NA	NA
2	RIVER	NA	NA
3	BORROW DITCH	2-INSIDE LOCATION	2-INSIDE LOCATION
4	POND	NA	NA
5	LOW AREA	993' NW	744' NW,
6	DITCH	1-INSIDE LOCATION, 210'SW, 294' NW, 353' NE, 689' NE,	1-INSIDE LOCATION, 145' SW, 47' NW, 299' NE, 619' NE
7	WETLANDS (USGS WETLANDS MAPPER)	78' NE, 140' SW, 2329' SW, 2340' NW, 2369' NW, 2390' NW	5' NE, 57' SW, 2275' SW, 2088' NW, 2123' NW, 2184' NW
8	MISCELLANEOUS	NA	NA
9	PUBLIC WATER SYSTEM FACILITIES	NA	NA
10	RULE 411 BUFFER	NA	NA
11	SURFACE WATERS THAT ARE 15 STREAM MILES UPSTREAM OF A PUBLIC WATER SYSTEM INTAKE	NO	NO

FEMA FLOOD ZONES NOT MAPPED IN THIS AREA

- LEGEND
- PROPOSED WELL
 - ID DESIGNATION
 - DOWNGRADIENT
 - SURFACE PROPERTY
 - WORKING PAD SURFACE
 - OIL AND GAS LOCATION
 - RIPARIAN
 - FRESHWATER POND
 - RIVERINE
 - FRESHWATER EMERGENT WETLAND
 - FRESHWATER FORESTED SHRUB WETLAND
 - FLOOD ZONE AE
 - FLOOD ZONE X--.2% ANNUAL CHANCE OF FLOOD
 - FLOOD ZONE AE FLOODWAY
 - FLOOD ZONE A
 - FLOOD ZONE A0
 - WATER WELL (FIELD LOCATED)
 - WATER WELL (GIS DATA)



DATA SOURCE: ECMC, CNHP, FEMA, USGS

NO SEEP OR SPRING IDENTIFIED WITHIN 1 MILE BUFFER AS MEASURED FROM WORKING PAD SURFACE.

I CERTIFY THAT I AM A PROFESSIONAL GEOLOGIST, HAVING MET THE EDUCATIONAL REQUIREMENTS AND PROFESSIONAL WORK EXPERIENCE REQUIRED BY C.R.S. § 23-41-208(b). I HAVE REVIEWED INFORMATION PERTAINING TO THIS OIL AND GAS LOCATION AND THE SURROUNDING AREA, AND HAVE IDENTIFIED NO GEOLOGIC HAZARDS WITHIN A ONE MILE RADIUS.

SIGNATURE

TITLE

DATE

DATE: 8/9/2024
PROJECT#: 2023151

NOTE:
VISIBLE SURFACE WATER SHOWN AND LISTED HEREON THAT ARE LYING OUTSIDE THE SURFACE PROPERTY MAY HAVE BEEN OBTAINED FROM THE AERIAL PHOTO AND OTHER PUBLICLY AVAILABLE DATA. THE ACCURACY AND COMPLETENESS OF SAID IMPROVEMENTS MAY NOT HAVE BEEN VERIFIED BY LAT40, INC. EXISTING CONDITIONS MAY DIFFER FROM WHAT IS SHOWN.