

Site: Tiberius 4-64 8-7 4CH
Location ID: 439225

 Gravel Pad
 Disturbed Area
 Wells

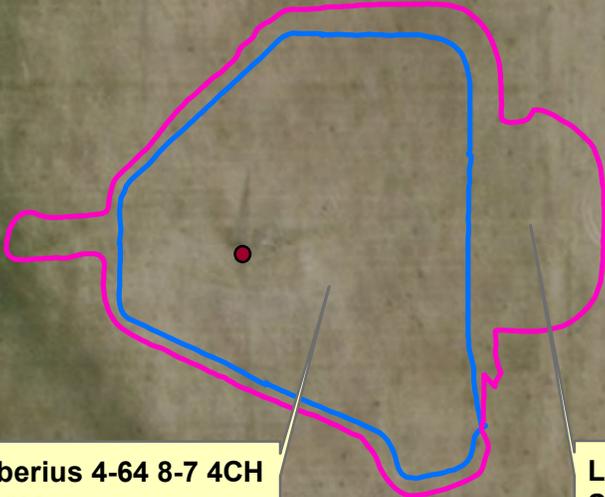
Author: Maxwell Blair
 User Name: farkas
 Scale: 1:2,000
 Date: 6/12/2019

0 80 160 320 Feet
 0 0.01 0.02 0.04 Miles

Coordinate System: NAD 1927 StatePlane Colorado Central FIPS 0502
 Units: US Feet

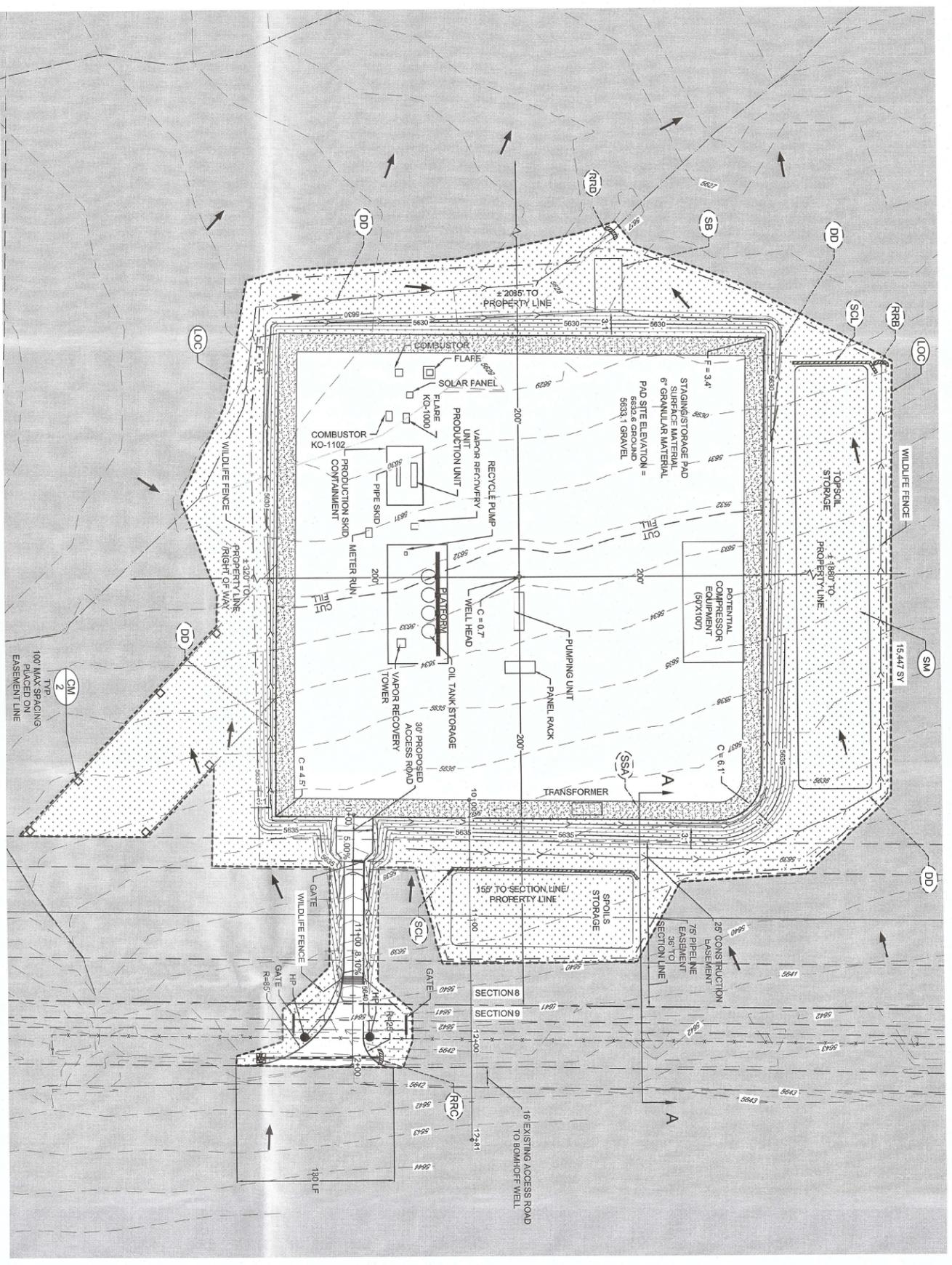
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S:\ARC_GIS_DATA\COGCC Surveys -06-07-19\06-10-19_COGCC_Surveyed_Sites.mxd

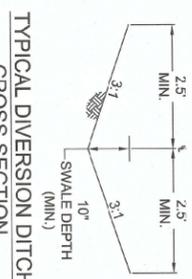
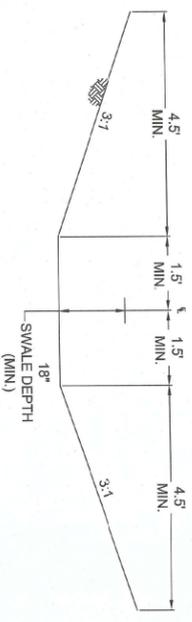


Location: Tiberius 4-64 8-7 4CH
Size: 1.99 acres

Location: Tiberius 4-64 8-7 4CH
Size: 2.92 acres



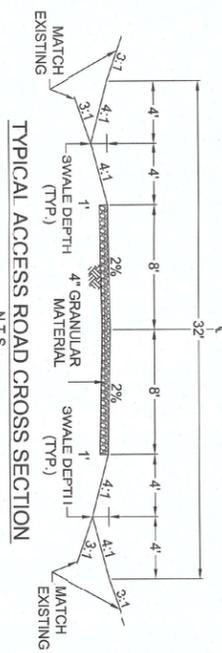
PLAN 1: WELL PAD SITE
HORIZONTAL SCALE: 1" = 50'



OFFSITE DIVERSION DITCH
SOUTH CROSS SECTION
N.T.S.

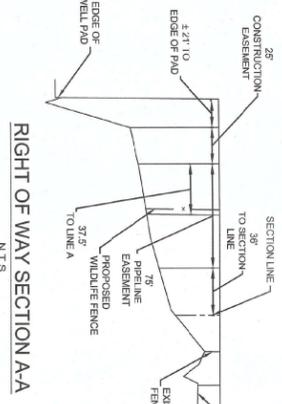
TYPICAL DIVERSION DITCH
CROSS SECTION
N.T.S.

- NOTES:
1. SEE THE ARAPAHOE COUNTY GESC PLAN STANDARD NOTES AND DETAILS, REVISED JANUARY 2010 (3 SHEETS) FOR ALL STANDARD DETAILS, NOTES AND LEGENDS OF BMP NAMES AND SYMBOLS. PART OF FIELD WIDE REPORT.
 2. QUANTITIES:
 3. EXISTING GRADE AT WELL HEAD = 5683.3
 4. TOTAL DISTURBED AREA = 7.19 ACRES (INCLUDING ACCESS ROADWAY)
 5. TOTAL FILL = 5,684 CY (INCLUDES 10% ADJUSTMENT FOR COMPACTION)
 6. TOTAL CUT = 3,614 CY
 7. TOPSOIL = 3,614 CY
 8. FILL SLOPES = 3:1
 9. CUT SLOPES = 3:1
 10. TOTAL DISTURBED AREA = 7.19 ACRES (INCLUDING ACCESS ROADWAY)
 11. TOTAL FILL = 5,684 CY (INCLUDES 10% ADJUSTMENT FOR COMPACTION)
 12. GRAVEL BASE AT 6" DEPTH = 2,893 CY
 13. TOTAL DISTURBED AREA = 7.19 ACRES (INCLUDING ACCESS ROADWAY)
 14. SEE THE QUANTITIES AND QUANTITIES (COVER SHEET)
 15. ALL PIPE SHALL BE ESTIMATED TO BE UNLINED
 16. PIPE IS LARGER THAN THE HOLE DIAMETER
 17. ALL BMPs ARE FINAL UNLESS DASHED LINE TYPE. DASHED LINE TYPE BMPs ARE INTERIM
 18. REMOVAL OF GESC BMPs SHALL ONLY OCCUR AFTER ALL DISTURBED AREAS TRIBUTARY TO THE GESC BMPs HAVE BEEN STABILIZED TO THE SATISFACTION OF THE COUNTY INSPECTOR.

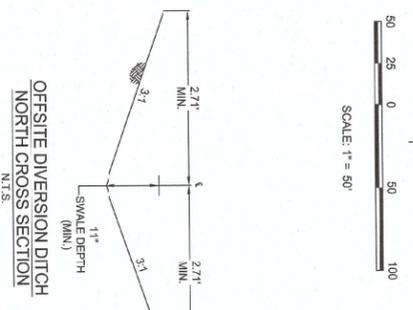


TYPICAL ACCESS ROAD CROSS SECTION
N.T.S.

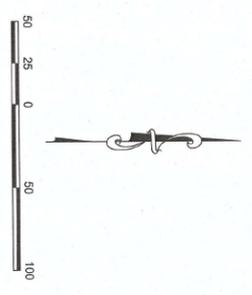
- SOILS:
- USING THE US DEPARTMENT OF AGRICULTURE'S WEB SOIL SURVEY, ONE SOIL TYPE EXISTS WITHIN THE PROJECT BOUNDARY, ADENA-COLBY SILT LOAM (A/C) ALL OF THE SOILS LISTED ABOVE FALL INTO THE HYDROLOGIC CLASSIFICATION GROUP C, WHICH HAS MODERATE INFILTRATION. THE K FACTOR DESCRIBES A SOIL'S SUSCEPTIBILITY FOR RILL AND SHEET EROSION. POTENTIAL (RATED 0.02 TO 0.69) THE HIGHER THE VALUE THE MORE SUSCEPTIBLE THE SOIL IS TO EROSION. THIS PROJECT'S AREAS SOIL HAS AN AVERAGE K OF 0.37.
- SEDIMENT BASIN:
- SEDIMENT BASIN - TRIBUTARY AREA IS 1.1 ACRES WHICH IS MORE THAN 1 ACRE. THEREFORE USE 22W X 44L X 4D. CL = 4', HD = 98"
- DIVERSION DITCH CAPACITY: 2.39 CFS @ 0.25%



RIGHT OF WAY SECTION A-A
N.T.S.



OFFSITE DIVERSION DITCH
NORTH CROSS SECTION
N.T.S.



DETAIL SHEET NO.	NO.	BMP LEGEND
1	(1)	CHICK DAW
2	(1)	COMPOST BLANKET
3	(1)	COMPOST FILTER BERM
4	(1)	CONCRETE WASHOUT AREA
5	(1)	CONSTRUCTION FENCE
6	(1)	CONSTRUCTION MARKERS
7	(1)	CLUB SOCK-NET PROTECTION
8	(1)	IN-WAIVER
9	(1)	DIVERSION DITCH
10	(2)	EROSION CONTROL BLANKET
11	(2)	FLEXIBLE GROWTH MEDIUM
12	(2)	INLET PROTECTION
13	(2)	REINFORCED CHECK DAM
14	(2)	REINFORCED ROCK BERM
15	(2)	RFB FOR CLUTTER PROTECTION
16	(2)	SEDIMENT BASIN
17	(2)	SEDIMENT CONTROL LOOP
18	(2)	SEDIMENT TRAP
19	(2)	SEEDING AND MULCHING
20	(2)	SILT FENCE
21	(2)	STABILIZED SWOING AREA
22	(2)	SURFACE ROUGHENING
23	(2)	TEMPORARY SLOPE DRAIN
24	(2)	TEMPORARY STREAM CROSSING
25	(2)	TERPACING
26	(2)	VEHICLE TRACKING CONTROL
27	(2)	VIC WITH WHEEL WASH

BENCHMARK: 5741 LOCATED ON THE SECTION LINE BETWEEN SECTIONS 12 AND 13, T8S, R9W, 6TH E. UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY AS BEING 6954.61 FEET

CALL 811
TWO WORKING DAYS
BEFORE YOU DIG
UNCC 1-800-922-1987



CONOCOPHILLIPS COMPANY
ATTN: MAXWELL BLAIR
34501 E. QUINCY AVE.
WATKINS, CO 80137
PHONE: (303) 268-3711



10333 E. Dry Creek Rd.
Suite 240
Englewood, CO 80112
Tel: (720) 482-9526
Fax: (720) 482-9546

SHEET NUMBER	3
DRAWN BY:	RHR
CHECKED BY:	MEL
DATE:	08-11-14
SCALE:	AS SHOWN
FILE NO.:	18.13.0201663
TIBERIUS #4-64 8 4H WELL GESC PLANS FINAL GESC	

No.	Revisions	Date	Init.	Appr.	Date

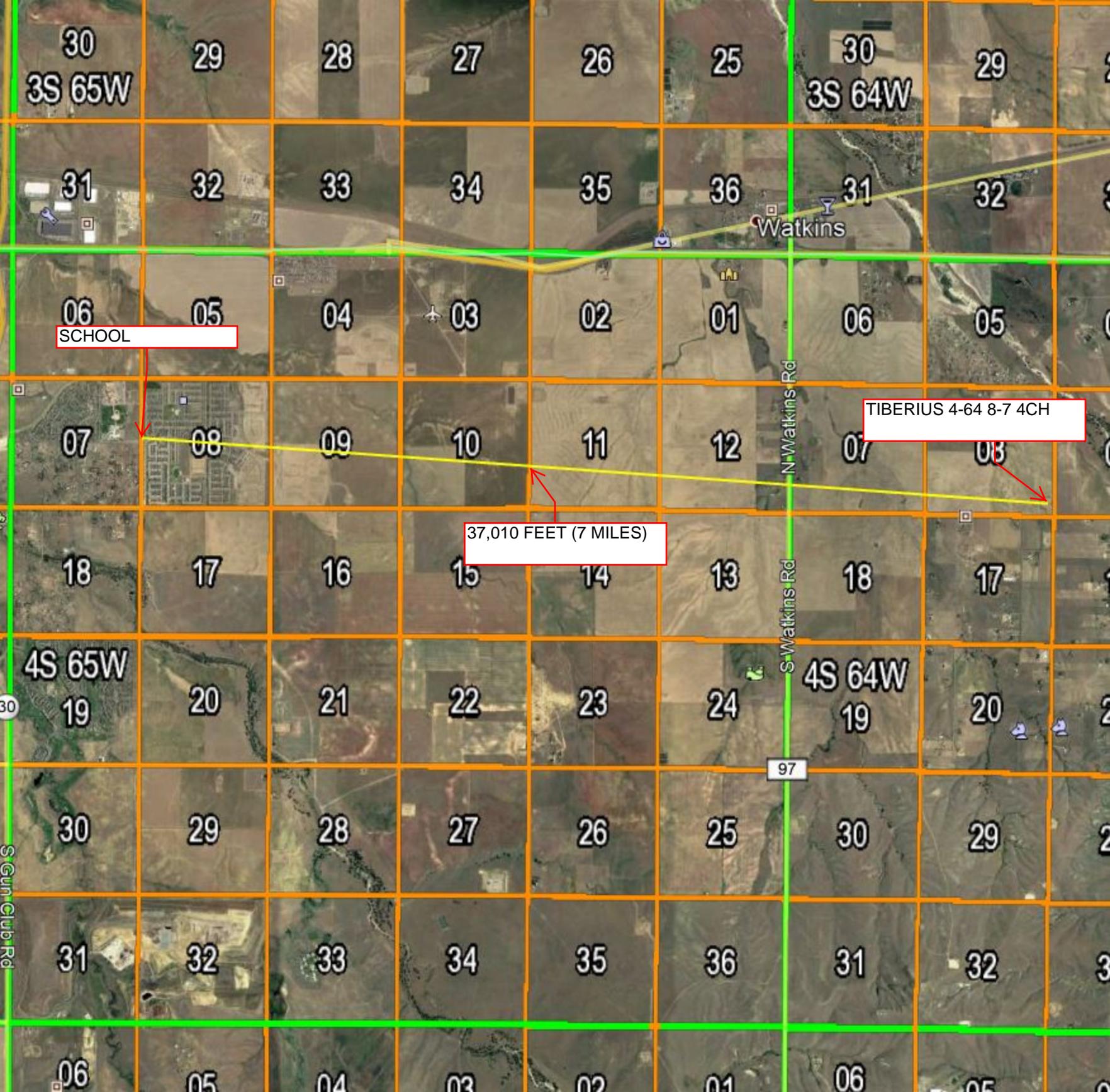
2 Initial-Interim GESC - Tiborius #4-64 8 4H.dwg

TIBERIUS 4-64 8-7 4CH

Well Site Photos







30
3S 65W

30
3S 64W

31 32 33 34 35 36 31 32

Watkins

06
SCHOOL

TIBERIUS 4-64 8-7 4CH

07 08 09 10 11 12 07 08

37,010 FEET (7 MILES)

18 17 16 15 14 13 18 17

4S 65W
19

4S 64W
19

30 29 28 27 26 25 30 29

97

31 32 33 34 35 36 31 32

06 05 04 03 02 01 06 05