



## Fawn 2734-2833

### 304.c.(6): Transportation Plan

Weld County does not require a traffic plan, but the below information is provided to Weld County as part of the WOGLA required information.

Total Annual Truck Trips for the location are listed below

Construction: 520 Trips

Drilling: 2980 Trips

Completions: 4350 Trips

Interim reclamation: 96 Trips

Production: 3402 Trips for the first year of production

1) The estimated duration at this oil and gas location will be 10 days for pad construction, 74 days for drilling operations and 102 days for completion operations.

**Average traffic during construction:**

5-20 belly dumps making 3-4 round trips per day. Initial move in to include loaders and other heavy equipment.

**Average traffic during drilling:**

During the first two days and last two days of Drilling Operations, the expected number of per day roundtrips will be approximately 20-25 Passenger Cars/Pickups and 30-35 Semi- Truck/Trailer. For the remaining 70 days, Passenger Car/Pickup vehicles will be reduced to 10-15 trips per day and Tandem Truck trips will be approximately 15-20 trips per day.

**Average traffic during completion:**

During the first two days and last two days of Completions Operations, the expected number of per day roundtrips will be approximately 30 Passenger Cars/Pickups and 17 Semi- Truck/Trailer.

During the actual hydraulic fracturing activity which will begin after the initial two days described above and consist of the next 56 days, there will be approximately 30 Passenger Cars/Pickups and 17 Semi-Truck/Trailer roundtrips per day.



During the drill-out phase which will begin after the hydraulic fracturing activity described above and consist of the next 42 days, there will be approximately 15 Passenger Cars/Pickups and 8 Semi- Truck/Trailer roundtrips per day.

**Average traffic during production operations:**

One pumper visit per day, pickup truck. Water and Oil Haulers to be called as needed, two to three trucks per week estimated.

- 2) The expected travel routes or haul routes for the site traffic.

Begin at the intersection of HWY I-76 and WCR 2; turn East for 3.9 miles. Turn north on WCR 45 and travel for 2 miles. Turn west on existing gravel access road to the Fawn 2734-2833 location.

- 3) The travel distribution along the routes (e.g. 50% of traffic will come from the north, 20% from the south, 30% from the east, etc.).

Roughly 100% of the traffic will come from the South on WCR 45 off of WCR 2.

- 4) The time of day when the highest traffic volumes are expected.

The first 2 days and the last 2 days of both drilling and completions operations traffic is expected to be the highest. On a daily schedule 5:00 am and 5:00 pm will have the highest volumes. As these times are typically shift change for the Vendors on location.

- 5) Describe site specific traffic reduction measures that will be utilized.

Verdad has committed to a fresh water pipeline at the Fawn 2734-2833 location. Typical fresh water truck traffic is approximately 1783 trucks per mile of lateral of well. The Fawn 2734-2833 is a 14 well pad with 2-mile laterals, resulting in a reduction of 49,924 trucks.

Verdad has committed to a crude oil pipeline by the time production begins. The following is a breakdown of truck traffic reduction over the course of a 10-year life of the wells on the Fawn 2734-2833 location. Over 10 years these



14 wells are in service a crude oil pipeline will reduce truck traffic by 19376 trucks.

- 1<sup>st</sup> Year: 10203 Trucks
- 2<sup>nd</sup> -3<sup>rd</sup> Years: 4975 Trucks
- 4<sup>th</sup> -5<sup>th</sup> Years: 1930 Trucks
- 6<sup>th</sup>-10<sup>th</sup> Years: 2268 Trucks

**DRIVING DIRECTIONS:**

FROM THE INTERSECTION OF INTERSTATE HIGHWAY 76 AND COUNTY ROAD 2. EAST ON COUNTY ROAD 2 FOR 3.9 MILES (CROSSING BEEBE SEEP CANAL AT 0.3 MILES, E. BURLINGTON DITCH AT 0.9 MILES, E. BURLINGTON DITCH AT 1.2 MILES, DRAINAGE AREA AT 1.4 MILES, E. BURLINGTON DITCH AT 1.5 MILES, NERES CANAL AT 1.7 MILES, DENVER HUDSON CANAL AT 2.2 MILES.) THEN NORTH ON CR 45 FOR 2.0 MILES

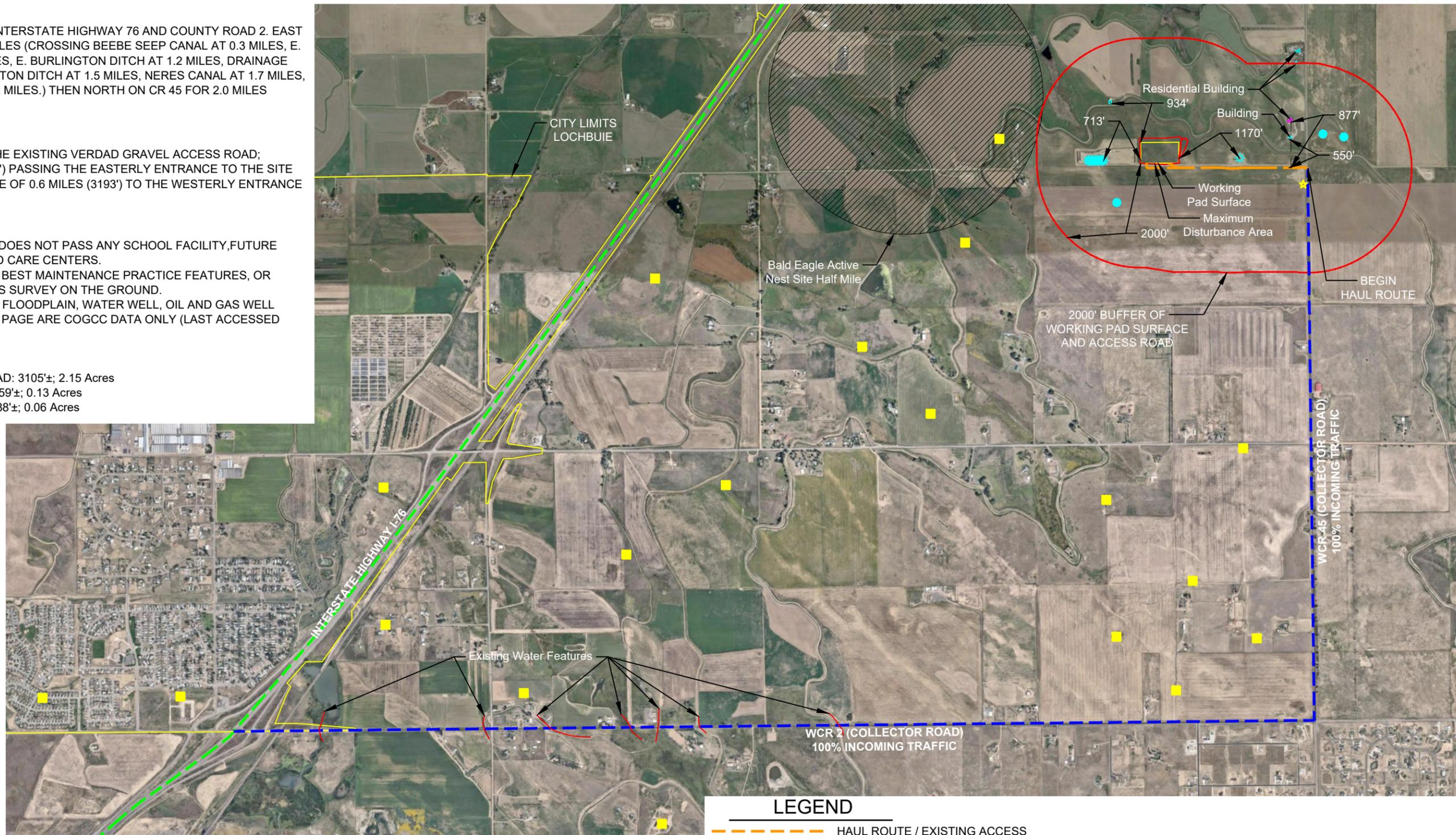
**BEGIN HAUL ROUTE:**

THEN TURN WEST (LEFT) ON THE EXISTING VERDAD GRAVEL ACCESS ROAD; CONTINUE WEST 0.5 MILE (2435') PASSING THE EASTERLY ENTRANCE TO THE SITE CONTINUING A TOTAL DISTANCE OF 0.6 MILES (3193') TO THE WESTERLY ENTRANCE TO THE SITE.

**NOTES:**

1. THE DEPICTED HAUL ROUTE DOES NOT PASS ANY SCHOOL FACILITY, FUTURE SCHOOL FACILITIES, NOR CHILD CARE CENTERS.
2. WE ARE NOT CROSSING ANY BEST MAINTENANCE PRACTICE FEATURES, OR CULVERTS AT THE TIME OF THIS SURVEY ON THE GROUND.
3. ALL HIGH PRIORITY HABITAT, FLOODPLAIN, WATER WELL, OIL AND GAS WELL INFORMATION SHOWN ON THIS PAGE ARE COGCC DATA ONLY (LAST ACCESSED NOVEMBER 11, 2021)

EXISTING GRAVEL ACCESS ROAD: 3105'±; 2.15 Acres  
 EASTERLY PROPOSED ROAD: 259'±; 0.13 Acres  
 WESTERLY PROPOSED ROAD: 88'±; 0.06 Acres



SCALE: 1" = 2000'  
 0' 1000' 2000'

**TOPOGRAPHIC**  
 LOYALTY INNOVATION LEGACY  
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 303.666.0379 www.topographic.com

VERDAD RESOURCES			
FAWN 2734			
FAWN 2833			
FIELD	05/06/2021	DRAFT	SW
REV 6	02/02/2022	CHECK	ZAK
SHEET :	1 OF 1		
JOB:	141441		

**NOTES**  
 APPROXIMATELY 3105' OF ACCESS ROAD IS ALONG AN EXISTING GRAVEL ROAD. THERE IS APPROXIMATELY 259' OF NEW PROPOSED ROAD FOR THE EASTERLY ENTRANCE AND APPROXIMATELY 88' OF NEW PROPOSED ROAD ON THE WESTERLY ENTRANCE.

**LEGEND**

- HAUL ROUTE / EXISTING ACCESS
- WELD COUNTY COLLECTOR
- STATE OR COUNTY CONTROLLED HIGHWAY
- 2000' BUFFER OF WORKING PAD SURFACE AND ACCESS ROAD
- CITY LIMITS HUDSON
- CITY LIMITS LOCHBUIE
- RESIDENTIAL HOUSE
- BUILDING / BARN
- WATER FEATURE
- EXISTING GAS/OIL FACILITY
- BALD EAGLE ACTIVE NEST SITE HALF MILE
- \* OIL / GAS WELL
- \* WATER WELL
- \* FACILITY/ TANK BATTERY
- \* PITS

**HAUL ROUTE MAP**  
 FAWN 2734-2833 LOCATION  
 S/2, SECTION 22 T1N R65W 6TH PM  
 WELD COUNTY, COLORADO