



Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
2601 Meacham Boulevard
Fort Worth, TX 76137

Aeronautical Study No.
2013-ANM-225-OE

Issued Date: 03/04/2013

Taylor Henricks
Triton Energy Services, LLC
1205 West Elizabeth Street
PMB 134
Fort Collins, CO 80521

****DETERMINATION OF NO HAZARD TO AIR NAVIGATION FOR TEMPORARY STRUCTURE****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Drilling Rig Ensign Rig 145 - Triton #2
Location:	Greeley, CO
Latitude:	40-26-17.89N NAD 83
Longitude:	104-37-40.79W
Heights:	4654 feet site elevation (SE) 145 feet above ground level (AGL) 4799 feet above mean sea level (AMSL)

This aeronautical study revealed that the temporary structure does exceed obstruction standards but would not be a hazard to air navigation provided the following condition(s), if any, is (are) met:

As a condition to this Determination, the structure is marked/lighted in accordance with FAA Advisory circular 70/7460-1 K Change 2, Obstruction Marking and Lighting, flags/red lights - Chapters 3(Marked),4,5(Red),&12.

See attachment for additional condition(s) or information.

It is required that the manager of Greeley-Weld County Airport, at 970-336-3000, be notified at least 3 business days prior to the temporary structure being erected and again when the structure is removed from the site.

Any height exceeding 145 feet above ground level (4799 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination expires on 11/04/2013 unless extended, revised or terminated by the issuing office.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates and heights. Any changes in coordinates and/or heights will void this determination. Any future construction or alteration, including increase to heights, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of a structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination did not include an evaluation of the permanent structure associated with the use of this temporary structure. If the permanent structure will exceed Title 14 of the Code of Federal Regulations, part 77.9, a separate aeronautical study and FAA determination is required.

This determination concerns the effect of this temporary structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

A copy of this determination will be forwarded to the Federal Aviation Administration Flight Procedures Office if the structure is subject to the issuance of a Notice To Airman (NOTAM).

If you have any questions, please contact our office at (816) 329-3693. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2013-ANM-225-OE

Signature Control No: 182847072-184547669

(TMP)

David Dull
Specialist

Attachment(s)
Additional Information
Map(s)

Additional information for ASN 2013-ANM-225-OE

The proposed temporary structure would be located approximately 3543 feet (.58 nautical miles) north of the RWY 34 Threshold at Greeley-Weld County Airport (GXY), Greeley, CO. It is identified as exceeding 14 CFR, Part 77 Obstruction Standards as follows as applied to Greeley-Weld County (GXY).

Section 77.17(a)(5): The surface of a takeoff and landing area of an airport or any imaginary surface established under 77.19, 77.21, or 77.23; would exceed the RWY 16/34 transitional surface by 74 feet.

The construction equipment does not constitute substantial adverse effect because the structure(s) would be temporary. The equipment would not be a hazard to air navigation provided the conditions specified within this determination are strictly met.

Additional Conditions:

It is **REQUIRED** that the Airport Authority of Greeley-Weld County Airport, Greeley, CO at 970-336-3000 be notified at least 3 business days prior to the temporary structure being erected and again when the structure is removed from the site.

This is for a drilling rig.

TOPO Map for ASN 2013-ANM-225-OE



