



Mail Processing Center  
 Federal Aviation Administration  
 Southwest Regional Office  
 Obstruction Evaluation Group  
 10101 Hillwood Parkway  
 Fort Worth, TX 76177

30-025-43558

Aeronautical Study No.  
 2017-ASW-461-OE

Issued Date: 02/14/2017

Laura Winkler  
 Riley Exploration Operating Company, LLC  
 2008 N. Council  
 Blanchard, OK 73010

HOBBS OCD

MAY 09 2017

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**\*\*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 Riley Drilling Rig
Location:	Hobbs, NM
Latitude:	32-41-44.03N NAD 83
Longitude:	103-13-46.37W
Heights:	3668 feet site elevation (SE)
	175 feet above ground level (AGL)
	3843 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 condition(s), if any, in this letter is (are) met:

**\*\*SEE ATTACHMENT FOR ADDITIONAL CONDITION(S) OR INFORMATION\*\***

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.

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) 329-2508. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2017-ASW-461-OE

**Signature Control No: 314931537-321538463**

Vee Stewart  
Specialist

( TMP )

**Additional Condition(s) or Information for ASN 2017-ASW-461-OE**

**Proposal:** To construct and/or operate a(n) Drilling Rig to a height of 175 feet above ground level, 3843 feet above mean sea level.

**Location:** The structure will be located 0.78 nautical miles northwest of HOB Airport reference point.

**Part 77 Obstruction Standard(s) Exceeded and Aeronautical Impacts, if any:**

Section 77.17 (a) (3) by 100 feet - a height that increases a minimum instrument flight altitude within a terminal area (TERPS Criteria). The proposal would necessitate increasing the CAT A Circling MDA, All Procedures, from 4120 feet AMSL to 4200 feet AMSL; and increasing the CAT B Circling MDA, All Procedures, from 4140 feet AMSL to 4200 feet.

Section 77.17 (a) (5) a height that affects an Airport Surface by penetrating:  
Section 77.19 (a) Horizontal Surface by 33 feet as applied to HOB.

Based on this aeronautical study, the structure would not constitute a substantial adverse effect on aeronautical operations or procedures because it will be temporary. The temporary structure would not be considered a hazard to air navigation provided all of the conditions specified in this determination are strictly met.

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

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.

It is required that the FAA be notified **\*\*SEE BELOW\*\*** prior to the temporary structure being erected and again when the structure is removed from the site. Notification should be made to this office during our core business hours (Monday through Friday, 9:00 a.m. to 3:00 p.m.) via telephone at **\*\*SEE BELOW\*\***. Notification is necessary so that aeronautical procedures can be temporarily modified to accommodate the structure. Voicemail messages are not acceptable notice.

**NOTIFICATION IS REQUIRED AGAIN VIA TELEPHONE AT \*\*SEE BELOW\*\* WHEN THE TEMPORARY STRUCTURE IS REMOVED FROM THE SITE FOR NOTICE TO AIRMAN (NOTAM) CANCELLATION.**

This determination expires on 04/14/2017 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.**

It is **REQUIRED** that Cory Needham, HOB Airport Manager, at 575-391-2934, extension 5, be notified at least 3 full business days prior to the temporary structure being erected and again when the structure is removed

from the site. It is REQUIRED that Mark Flavin, Hobbs FCT ATM, at 575-397-4177, be notified at least 3 full business days prior to the temporary structure being erected and again when the structure is removed from the site. It is REQUIRED that Geoff Pertzborn, ZFW Airspace Procedures Specialist, at 817-858-7533, be notified at least 3 FULL BUSINESS days prior to the temporary structure being erected and again when the structure is removed from the site. If Geoff is not available the back contact is Anthony Milligan, ZFW Support Manager for Airspace, at 817-858-7530. The proponent SHALL notify the OE Specialist (listed below) and the Alternate (listed below) five (5) FULL BUSINESS days prior to initially raising the temporary crane so a NOTAM (Notice to Airmen) can be issued modifying the instrument flight procedures. The preferred method of notification is e-mail. This message must be sent to ALL of the following: Vee Stewart, OE Specialist, vee.stewart@faa.gov, 816-329-2508 Gayle Ellsworth, OE Alternate, gayle.ellsworth@faa.gov, 907-271-5491 Please provide the following information: 1. In the subject line, please enter: NOTAM ALERT 2017-ASW-461-OE 2. Start date for use of the crane 3. End date for use of the crane 4. Time crane will go up on the first day 5. On-site contact name and phone number If notification is provided via e-mail, you must request a return receipt, and if you don't receive notification that your message was received, you will be required to call the number listed above for the OE Specialist or the OE Alternate. It will be your responsibility to ensure that the message is retrieved in compliance with this determination. Leaving a voice message is not considered adequate FAA notification for initiating the safety of flight NOTAM. The OE Specialist and Alternate shall also be contacted immediately when the work is completed and personnel/crane have been moved from the work site so the instrument flight procedures can be returned to their normal level. The preferred method of notification is e-mail.

**Additional information for ASN 2017-ASW-461-OE**

Abbreviations:

AMSL, Above Mean Sea Level

ARTCC, Air Route Traffic Control Center

ASW, Southwest Region

ATM, Air Traffic Manager

CAT, Category

FCT, Federal Contract Tower

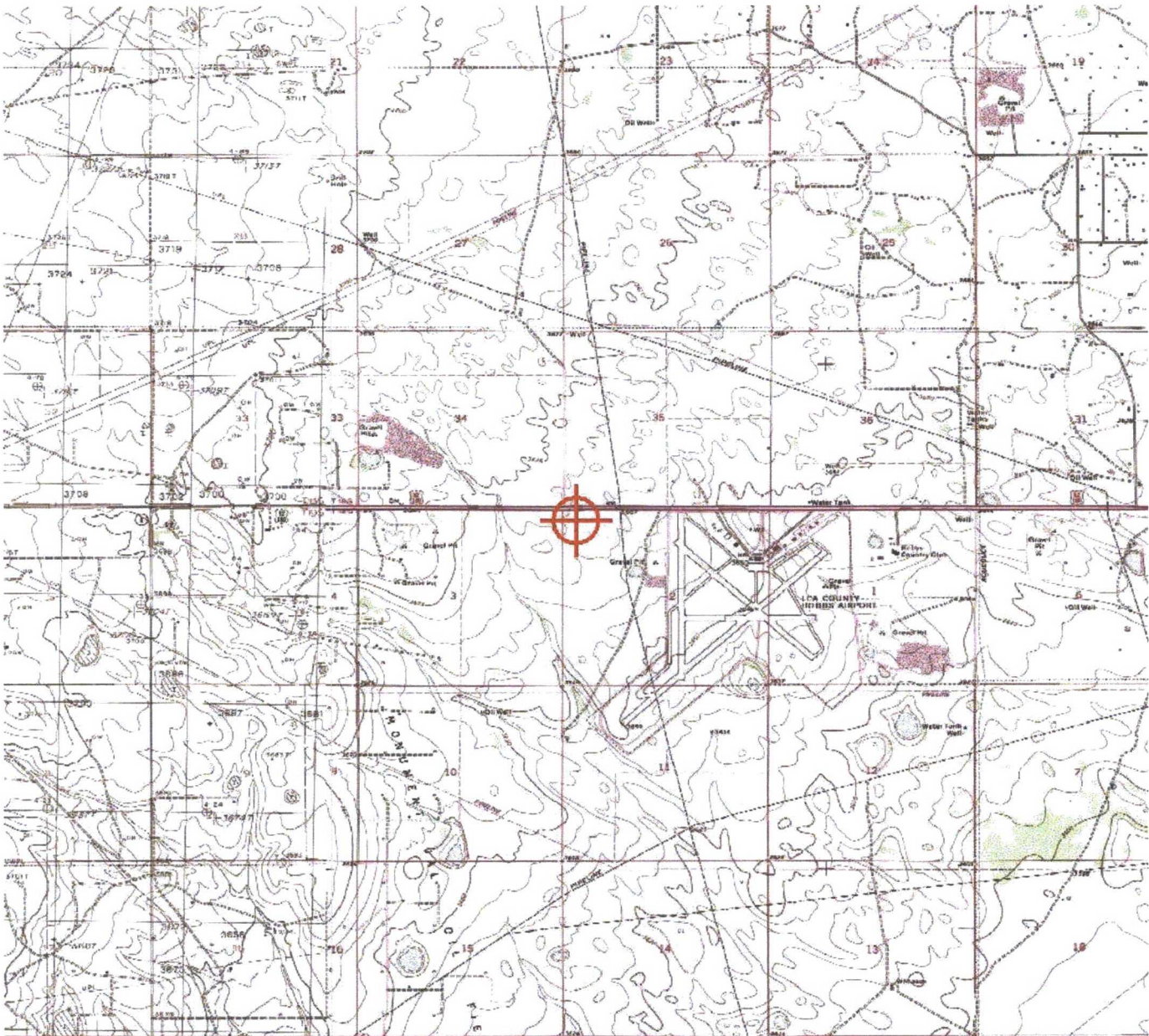
MDA, Minimum Descent Altitude

NOTAM, Notice to Airmen

OE, Obstruction Evaluation

ZKC, Kansas City ARTCC

TOPO Map for ASN 2017-ASW-461-OE



Sectional Map for ASN 2017-ASW-461-OE

