



Federal Aviation Administration
Air Traffic Airspace Branch, ASW-520
2601 Meacham Blvd.
Fort Worth, TX 76137-0520

Issued Date: 06/15/2010

Bobbi De Rose
Kerr-McGee Oil and Gas Onshore LP
1099 18th Street
Suite 1800
Denver, CO 80202

****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 Xtreme 11
Location:	Greeley, CO
Latitude:	40-25-47.78N NAD 83
Longitude:	104-39-24.98W
Heights:	90 feet above ground level (AGL) 4747 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 and/or 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 FAA be notified at least 5 business days 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 310-725-6591 (Tamera Burch). 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 310-725-6591 (Tamera Burch)
WHEN THE CRANE IS REMOVED FROM THE SITE FOR NOTICE TO AIRMAN (NOTAM)
CANCELLATION.**

This determination expires on 03/15/2011 unless extended, revised or terminated by the issuing office.

**NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION
MUST BE POSTMARKED OR DELIVERED TO THIS OFFICE AT LEAST 15 DAYS PRIOR TO THE
EXPIRATION DATE.**

SEC 3-5N-65W

WINTERS PAD

Aeronautical Study No.
2010-ANM-1067-OE

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 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 (907) 271-5863. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2010-ANM-1067-OE

Signature Control No: 707709-127055157

Robert van Haastert
Specialist

(TMP)

Attachment(s)
Additional Information
Map(s)

Additional information for ASN 2010-ANM-1067-OE

Narrative Aeronautical Study Number 2010-ANM-1067-OE

Abbreviations:

MSL - Mean Sea Level	IFR - Instrument Flight Rules	
AGL - Above Ground Level	VFR - Visual Flight Rules	nm - nautical mile
DA - Decision Altitude	HAT - Height Above Touchdown	RWY - runway
MDA - Minimum Descent Altitude	CAT - Category	
Part 77 - Title 14 Code of Federal Regulations (CFR) Part 77, Objects Affecting Navigable Airspace		

This temporary 90 AGL (4747 MSL) oil rig will be located approximately 3025 feet west of RWY 09 threshold at Greeley-Weld County (GXY) Airport, CO. GXY elevation: 4697 MSL.

Proposed time of operation: November 3, 2010 through November 6, 2010, approximately 1 week

This oil rig will penetrate this GXY protected Part 77 surface:

Section 77.23(a)(3) -- A structure that causes less than the required obstacle clearance in one of the approach segments of an established IFR approach procedure established under 77.23, 77.25, or 77.29. This rig would penetrate the RWY 09 40:1 departure surface in the Initial Climb Area by 14 feet. This is a low close-in obstacle and requires modification of the Take-off Minimums and (Obstacle) Departure Procedures, Plains Four Departure Yellowstone Six Departure, and Rockies Seven departure.

This temporary oil rig shall be marked with red light and flag. Red light must conform to chapter 5, red obstruction light system, (L-810 or equivalent and minimum 32.5 candela) and flag must conform to chapter 3, marking guidelines, in accordance with FAA's advisory circular 70/7460-1K, Obstruction marking and Lighting. Copy of advisory circular 70/7460-1k can be viewed and/or downloaded at https://ocaaa.faa.gov/ocaaa/external/content/AC70_7460_1K.pdf.

A National Flight Data Center (NFDC) Notice to Airmen (NOTAM) is required to modify these GXY instrument procedures for the entire duration of this oil rig activity.

Contact Tamera Burch, FAA/Obstruction Evaluation Service (310-725-6591/tamera.burch@faa.gov) five (5) working days prior to the structure being raised AND again when it has been removed to activate/cancel the NFDC NOTAM. Reference the 2010-ANM-1067-OE aeronautical study number and provide updated crane schedule along with crane operator contact name and phone number. FAX number: (310) 725-6826. Back up FAA points of contact are La Donna James, FAA/Obstruction Evaluation Service (310-725-6558/ladonna.james@faa.gov) and Robert van Haastert, 907-271-5863/Robert.van.Haastert@faa.gov.

If notification is provided via e-mail, you must request return receipt and if you don't receive notification that your message was received, you will be required to call the OES personnel identified above.

Please provide the following information:

1. In subject line, please enter "NOTAM ALERT," then the aeronautical study number
2. Date and earliest time the structure would be brought onto the site the first day
3. Anticipated amount of time the equipment will be operating at this site

Leaving a voice message is not considered adequate FAA notification for initiating the safety of flight NOTAM.

