



MAR 15 2012

Robert Hassebrock
Weatherford International Inc.
PO Box 31
Santa Paula, CA 93061

RE: Notice of Final Action - Authority to Construct
Project Number: S-1114378

Dear Mr. Hassebrock:

The Air Pollution Control Officer has issued Authority to Construct permits to Weatherford International Inc. for two transportable well testing flares, at various unspecified locations within the SJVAPCD. Enclosed are copies of the Authority to Construct permits and a copy of the notice of final action to be published approximately three days from the date of this letter.

Notice of the District's preliminary decision to issue this Authority to Construct was published on 2/3/2012. The District's analysis of the proposal was also sent to CARB on 1/30/2012. All comments received following the District's preliminary decision on this project were considered.

Comments received by the District during the public notice period resulted in an increase in one of the flare's daily emissions. These changes were minor and did not trigger additional public notification requirements, nor did they have any impact upon the Best Available Control Technology determination or on the amount of offsets required for project approval.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Leonard Scandura at (661) 392-5500.

Sincerely,

David Warner
Director of Permit Services

DW: DBT/cm

Enclosures

Seyed Sadredin
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585



MAR 12 2012

Mike Tollstrup, Chief
Project Assessment Branch
Stationary Source Division
California Air Resources Board
PO Box 2815
Sacramento, CA 95812-2815

**RE: Notice of Final Action - Authority to Construct
Project Number: S-1114378**

Dear Mr. Tollstrup:

The Air Pollution Control Officer has issued Authority to Construct permits to Weatherford International Inc. for two transportable well testing flares, at various unspecified locations within the SJVAPCD. Enclosed are copies of the Authority to Construct permits and a copy of the notice of final action to be published approximately three days from the date of this letter.

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**NOTICE OF FINAL ACTION
FOR THE ISSUANCE OF AUTHORITY
TO CONSTRUCT PERMITS**

NOTICE IS HEREBY GIVEN that the Air Pollution Control Officer has issued Authority to Construct permits to Weatherford International Inc. for two transportable well testing flares, at various unspecified locations within the SJVAPCD.

All comments received following the District's preliminary decision on this project were considered.

Comments received by the District during the public notice period resulted in an increase in one of the flare's daily emissions. These changes were minor and did not trigger additional public notification requirements, nor did they have any impact upon the Best Available Control Technology determination or on the amount of offsets required for project approval.

The application review for Project #S-1114378 is available for public inspection at http://www.valleyair.org/notices/public_notices_idx.htm and the **SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT, REGION'S ADDRESS.**



AUTHORITY TO CONSTRUCT

PERMIT NO: S-7803-3-0

ISSUANCE DATE: 03/05/2012

LEGAL OWNER OR OPERATOR: WEATHERFORD INTERNATIONAL, INC.
MAILING ADDRESS: ATTN: ROBERT HASSEBROCK
P. O. BOX 31
SANTA PAULA, CA 93061-0031

LOCATION: VARIOUS UNSPECIFIED LOCATIONS, SJVAPCD
BAKERSFIELD, CA

EQUIPMENT DESCRIPTION:
WELL TESTING OPERATION WITH TRANSPORTABLE 7.0 MMSCF/DAY FLARE WITH CONTINUOUS ELECTRONIC IGNITION SYSTEM OPERATED AT VARIOUS UNSPECIFIED LOCATIONS, SJVAPCD

CONDITIONS

1. The flare shall always operate at least 1,000 feet away from the closest receptor. [District Rule 4102 and CH&SC 42301.6]
2. Flare shall only be used to combust gas released during well testing. [District Rule 2201]
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Permittee shall notify the District Compliance Division to arrange a start-up inspection at the initial location of the unit. [District Rule 1070]
5. Permittee shall notify the District Compliance Division of each location at which the operation is located in excess of 24 hours. Such notification shall be made no later than 48 hours after starting operation at the location. [District Rule 1070]
6. Flare shall not be operated in well testing operations at any location in conjunction with any other flare or combustion equipment operated by Weatherford International Inc. [District Rule 2201]
7. The unit must not be located and operated at an existing facility or operation such that it becomes part of an existing stationary source as defined by District Rule 2201. [District Rule 2201]
8. Flare shall be equipped with vortex air mixer which shall be utilized to maintain visible emissions below Ringlemann 1/4 and 5% opacity. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (661) 392-5500 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services

S-7803-3-0: Mar 5 2012 12:30PM - TORID : Joint Inspection NOT Required

9. Flare shall be equipped with operational automatic re-ignition provisions. [District Rule 2201]
10. Gas line to flare shall be equipped with operational, volumetric flow rate indicator. [District Rule 2201]
11. Daily and annual amounts of gas flared shall not exceed 7.0 MMscf/day and 288 MMscf/yr. [District Rule 2201]
12. Visible emissions shall not exhibit Ringelmann 1/4 or greater or equivalent 5% opacity or greater for more than three minutes in any one hour. [District Rule 2201]
13. Sulfur compound concentration of gas flared shall not exceed 5 gr/100 scf. [District Rule 2201]
14. Emission rates shall not exceed any of the following: 0.008 lb-PM10/MMBtu, 0.068 lb-NO_x/MMBtu (as NO₂), 0.063 lb-VOC/MMBtu, or 0.37 lb-CO/MMBtu. [District Rule 2201]
15. The flare shall be operated according to the manufacturer's specifications, a copy of which shall be maintained on site. [District Rule 2201]
16. Permittee shall inspect the flare in operation for visible emissions no less frequently than once every two weeks. If visible emissions are observed, corrective action shall be taken. If visible emissions persist, an EPA Method 9 test shall be performed within 72 hours. [District Rule 2201]
17. Permittee shall document compliance with well gas sulfur compound concentration limit by performing sulfur content analysis of well gas upon startup at each new location of operation of flare. [District Rule 2201]
18. The following test methods shall be used for well gas sulfur content: ASTM D3246 or double GC for H₂S and mercaptan. [District Rule 1081]
19. Permittee shall maintain accurate daily records indicating flare location, flared gas sulfur content at each location, and daily and annual rates of gas flared; and such records shall be made readily available for District inspection upon request for a minimum of 5 years. [District Rule 2201]



AUTHORITY TO CONSTRUCT

PERMIT NO: S-7803-4-0

ISSUANCE DATE: 03/05/2012

LEGAL OWNER OR OPERATOR: WEATHERFORD INTERNATIONAL, INC.

MAILING ADDRESS: ATTN: ROBERT HASSEBROCK
P. O. BOX 31
SANTA PAULA, CA 93061-0031

LOCATION: VARIOUS UNSPECIFIED LOCATIONS, SJVAPCD
BAKERSFIELD, CA

EQUIPMENT DESCRIPTION:

WELL TESTING OPERATION WITH TRANSPORTABLE 0.5 MMSCF/DAY FLARE WITH CONTINUOUS ELECTRONIC IGNITION SYSTEM OPERATED AT VARIOUS UNSPECIFIED LOCATIONS, SJVAPCD

CONDITIONS

1. The flare shall always operate at least 1,000 feet away from the closest receptor. [District Rule 4102 and CH&SC 42301.6]
2. Flare shall only be used to combust gas released during well testing. [District Rule 2201]
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
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