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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

March 23, 2011

Mr. Byron Chandler, Environmental Consultant
ConocoPhillips
3300 North A St Ste 6-121
Midland TX 79705-5490

Re: Minor New Source Review & Air Focused Investigation at: JE Womack B GU 1B
Located 467 County Road 4196, Decatur, Wise County, Texas
TCEQ ID No.: RN105167357; CN602989436

Dear Mr. Byron:

On January 6, 2011, Ms. Jessica Minley of the Texas Commission on Environmental Quality (TCEQ) DFW Region Office conducted a records review investigation of the above-referenced facility to evaluate compliance with applicable requirements for air quality. No violations were documented during the investigation.

The TCEQ appreciates your assistance in this matter and your compliance efforts to ensure protection of the State's environment. If you or members of your staff have any questions regarding these matters, please feel free to contact Ms. Minley in the DFW Region Office at 817/588-5867.

Sincerely,

A handwritten signature in cursive script that reads "Jaret A. Wessel".

Jaret A. Wessel
Barnett Shale Team Leader
DFW Region Office

JAW/axa

RECEIVED

MAR 29 2011

**TCEQ
CENTRAL FILE ROOM**

Texas Commission on Environmental Quality

Investigation Report

WNA008H

Conocophillips
CN601690324

JE WOMACK B GU 1B

RN105167357

Investigation # 892492

Incident #

Investigator: JESSICA MINLEY

Site Classification

MIN 0-15 FINS

Conducted: 01/06/2011 -- 01/06/2011

No Industry Code Assigned

Program(s): AIR NEW SOURCE
PERMITS

Investigation Type : Compliance Investigation

Location :

Additional ID(s) :

Address: ; ,

Activity Type :

REGION 04 - DFW METROPLEX
AIR MNSR - Minor New Source Review
FIAIRMON - FI AIR MON - Air Focused Investigation for
General Monitoring
GFIR - Air - Gas Find IR

Principal(s) :

Role

Name

RESPONDENT

CONOCOPHILLIPS

Contact(s) :

Role

Title

Name

Phone

Participated in Investigation

HEALTH, SAFETY AND
ENVIRONMENTAL LEAD

STEPHEN WILSON

Work (940) 686-8733

Regulated Entity Contact

ENVIRONMENTAL
CONSULTANT

MR BYRON CHANDLEI

Work (432) 688-6024

Other Staff Member(s) :

Role

Name

Investigator
Supervisor
QA Reviewer

JESSICA MOCK
JARET WESSEL
JARET WESSEL

Associated Check List

Checklist NameUnit Name

AIR FOCUSED INVESTIGATION - GENERAL
MONITORING

JE WOMACK B GU 1B

AIR INVESTIGATION - EQUIPMENT MONITORING AT
SAMPLING

WOMACK B1B

Air PBR - Oil & Gas Production Facility(s)

JE WOMACK B GU 1B

Investigation Comments :

INTRODUCTION

On January 6, 2011, Ms. Jessica Minley, Environmental Investigator ('Investigator'), of the Texas Commission on Environmental Quality (TCEQ), Dallas/Fort Worth (DFW) Region office conducted a GasFindIR (AIR GFIR) Investigation / Air Focused - Monitoring (FI-MON) at ConocoPhillips ('ConocoPhillips'), JE Womack B GU 1B ('facility' or 'site') located at 467 County Road 4196, Decatur, Wise County, Texas.

The purpose of this investigation was to identify emissions detectable by sight and odor, and with the use of the GasFindIR (GFIR) camera and Toxic Vapor Analyzer (TVA) Flame Ionization Detector (FID) to determine if additional investigation is needed, and to review records to determine compliance.

This was a scheduled, onsite investigation.

Daily Narrative:

The investigator arrived at 408 Park West Courts, Decatur, Texas at 0900 CST and met with Mr. Stephen R. Wilson, the Health, Safety and Environmental Lead for ConocoPhillips. Before the investigator could conduct the investigation, the investigator had to complete a safety class administered by Mr. Wilson. The safety class started at 0915 and ended at 0945. At the conclusion of the safety class Mr. Wilson accompanied the investigator on the investigation. The investigator and Mr. Wilson arrived at the entrance of the site at 1230 CST. While on site the investigator inventoried 1 well head, 2 produced water /condensate tanks and 1 vapor combustor. The Toxic Vapor Analyzer (TVA) was used to monitor the perimeter of the facility as well as each piece of equipment to detect for fugitive hydrocarbons. The maximum TVA reading detected was 2.4 parts per million (ppm). Also, the GFIR camera was used to monitor all pieces of equipment visible while onsite and no emissions were observed. No visible emissions were detected during the investigation. On January 13, 2011, the investigator was presented with emissions calculations and a gas analysis for the site from Mr. Chandler via E-mail.

Meteorological conditions were as follows:

Wind Speed Ave: 2.4 avg
Wind Direction: NW
Temperature: 55.6°F
Relative Humidity: 44.6%
Skies: Clear Sky

The investigator left the site at 1250 CST.

On January 16, the investigator reviewed the gas analysis and emission calculations. As a result, it appeared that the facility met the requirements to claim authorization under 30 Texas Administrative Code (TAC) §106.352 at the time of the investigation.

Exit Interview:

No exit interview was conducted. No customer satisfaction survey was provided.

GENERAL FACILITY AND PROCESS INFORMATION

Process Description:

The JE Womack B GU 1B site is a natural gas production facility authorized under 30 TAC §106.352. Natural gas, condensate, and produced water, flow from the well head to a dedicated 3 phase separator where each material phase is separated. The gas goes directly to a sales pipeline and gas meter for sale to another party and transfer to further processing (gas plant). The produced water flows to the water tank(s) for storage and accumulation of truck load volumes for pickup and

delivery to a state permitted salt water disposal well. The condensate flows to the oil tank(s) for storage and accumulation of truck load volumes for pickup and delivery to further processing/refining.

BACKGROUND

A compliance history rating and performance classification for this site are 3.01 and average by default. A compliance history rating for this customer is 3.01 with an average performance classification.

Monitoring Results:

The TVA detected a maximum reading of 2.4 ppm and no emissions were observed with the GFIR camera.

Current Enforcement Actions:

There are no current enforcement actions associated with this regulated entity.

Agreed Orders, Court Orders and Other Compliance Agreements:

There are no current air quality related orders or compliance agreements associated with this regulated entity.

Complaints:

Regional records show that during the five years prior to this investigation, there have not been any complaints against this regulated entity.

Prior Enforcement Issues:

There have been no air quality related prior enforcement issues associated with this regulated entity in the five years prior to this investigation.

ADDITIONAL INFORMATION/RECOMMENDATIONS

Conclusions and Recommendations:

No concerns were observed during this investigation and further investigation is not warranted at this time. A letter will be to ConocoPhillips.

Additional Issues:

No additional issues were noted as a result of this investigation.

No Violations Associated to this Investigation

Signed 
Environmental Investigator

Date 3/7/11

Signed 
Supervisor

Date 3/7/11

Attachments: (in order of final report submittal)

☐ Enforcement Action Request (EAR)

☐ Letter to Facility (specify type) : _____

☐ Investigation Report

☐ Sample Analysis Results

☐ Manifests

☐ NOR

☐ Maps, Plans, Sketches

☐ Photographs

☐ Correspondence from the facility

☐ Other (specify) : _____

