District'l 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

> Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Revised October 10, 2003

OUL CONS. DIV.

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Form C-141

## Release Notification and Correcti **OPERATOR** .∏ Initialऽ🎚 Final Report Juanita Farrelle Name of Company ConocoPhillips Company Contact 5525 Hwy. 64, Farmington, NM 87401 Address Telephone No. 505-599-3419 Facility Name San Juan 29-6 #88M Facility Type Gas Well API # 30-039-27554 Federal Surface Owner **Federal** Mineral Owner NMNM03471A Lease No.

LOCATION OF RELEASE Feet from the North/South Line Feet from the East/West Line Unit Letter Sec Township Range County 1740' 33 **T29N** R6W North 2630' West F Rio Arriba 36.41.0802° 107.28.0677° Latitude Longitude NATURE OF RELEASE Type of Release – **Drill Cuttings/Mud** Volume of Release - To be determined Volume Recovered - n/a Source of Release: Torn Pit Liner Date and Hour of Occurrence Date and Hour of Discovery 1/27/06 2:00 p.m. 1/27/06 - 2:30 p.m. Was Immediate Notice Given? If YES, To Whom? ☐ Yes ☐ No ☐ Not Required Denny Foust - OCD - via phone by Jim Fodor Denny Foust - OCD - Email Mark Kelly - BLM - via email By Whom? Jim Fodor Date and Hour – 1/27/06 – 4:15 p.m. Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. ☐ Yes ☒ No If a Watercourse was Impacted, Describe Fully.\* Describe Cause of Problem and Remedial Action Taken Drilling Supervisor, Jim Fodor reported a tear in a pit liner at the San Juan 29-6 Unit #88M well. The tear occurred on Friday, 1/27/06 at approximately 2:00 p.m. and was witnessed by a rig employee as the tear occurred. The rig employee reported he heard a noise and looked toward the pit. He witnessed the liner tear and one section of the liner sink into the pit beneath the surface. Immediately after the tear, there appeared to be no drop in fluid level indicating seepage if any was minimal. The drilling pit contained drill cuttings, gel, and mud which may have helped prevent seepage to the soil. Describe Area Affected and Cleanup Action Taken.\* The level in the lined pit was approximately 2 feet from top of pit berm when the tear occurred. Immediately after discovery of the tear, the fluid in the pit was pulled down by vacuum truck and transferred to frac tanks on location and also lined pit at SJ 29-6 #74C. The contents of the pit were sampled on 01/31/06 by Frank McDonald with BEST and test results submitted verbally to Denny Foust (Hard Copy attached). Drilling operations continued with pit and fluid levels closely monitored. Vacuum trucks were used to keep fluid level in pit to a minimum. Drilling operations ceased 2/9/06. We received verbal approval to close pit from Denny Foust and final pit closure was complete on 2/20/06. An investigation into the cause of the torn liner was conducted. The likely cause of the liner tear was due to the liner becoming excessively tight when high winds caused the liner to "bunch up" on the opposite side of the pit before water was added. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. OIL CONSERVATION DIVISION -Janel Signature: mant. Approved by District Supervisor: For Charlie ? Printed Name: Juanita Farrell Approval Date: **Expiration Date: Regulatory Analyst** Title:

3/13/2006 \* Attach Additional Sheets If Necessary

E-mail Address: juanita.r.farrell @conocophillips.com

Phone: **505-599-3419** 

NNGF0604427553

Conditions of Approval:

Attached



## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-026-194
Sample ID:	Res, Pit	Date Reported:	02-01-06
Chain of Custody:	15441	Date Sampled:	01-31-06
Laboratory Number:	35988	Date Received:	01-31-06
Sample Matrix:	Water	Date Analyzed:	02-01-06
Preservative:	Cool	Analysis Requested:	BTEX
Condition:	Cool & Intact	·	

Parameter	Concentration (ug/L)	Dilution Factor	Det. Limit (ug/L)
Benzene	6.0	1	0.2
Toluene	11.8	1	0.2
Ethylbenzene	0.9	1	0.2
p,m-Xylene	10.5	1	0.2
o-Xylene	2.5	1 -	0.1

Total BTEX 31.7

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery		
·	fluorobenzene	100 %		
	1,4-difluorobenzene	100 %		
	4-bromochlorobenzene	100 %		

References:

Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA,

December 1996.

Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using

Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments:

SJ 29-6 #88M.

Analyst P. Oplie

Review .



## **CATION / ANION ANALYSIS**

Client:	ConocoPhillips	Project #:	96052-026-194
Sample ID:	Res. Pit	Date Reported:	02-02-06
Laboratory Number:	35988	Date Sampled:	01-31-06
Chain of Custody:	15441	Date Received:	01-31-06
Sample Matrix:	Water	Date Extracted:	N/A
Preservative:	Cool	Date Analyzed:	02-01-06
Condition:	Cool & Intact		

	Analytical			
Parameter	Result	Units		
рН	10.13	s.u.		
Conductivity @ 25° C	3,810	umhos/cm		
Total Dissolved Solids @ 180C	2,460	mg/L		
Total Dissolved Solids (Calc)	2,440	mg/L		
SAR	6.9	ratio		
Total Alkalinity as CaCO3	50.8	mg/L		
Total Hardness as CaCO3	598	mg/L		
Bicarbonate as HCO3	3.2	mg/L	0.05	meq/L
Carbonate as CO3	47.6	mg/L	1.59	meq/L
Hydroxide as OH	<0.1	mg/L	0.00	meq/L
Nitrate Nitrogen	0.64	mg/L	0.01	meq/L
Nitrite Nitrogen	0.58	mg/L	0.01	meq/L
Chloride	124	mg/L	3.50	meq/L
Fluoride	2.43	mg/L	0.13	meq/L
Phosphate	6.1	mg/L	0.19	meq/L
Sulfate	1,410	mg/L	29.36	meq/L
Iron	0.010	mg/L	0.00	meq/L
Calcium	239	mg/L	11.94	meq/L
Magnesium	<0.01	mg/L	0.00	meq/L
Potassium	236	mg/L	6.05	meq/L
Sodium	386	mg/L	16.79	meq/L
Cations			34.78	meq/L
Anions			34.83	meq/L
Cation/Anion Difference			0.16%	

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.

Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: SJ 29-6 #88M.

Mustere m Walter

Review C. Commence