



CONOCOPHILLIPS

EVGSAU WELL #0546-033 (3-09-04)

ENVIRONMENTAL SITE INVESTIGATION

PERFORMED BY:

BBC INTERNATIONAL, INC.
WORLD-WIDE ENVIRONMENTAL SPECIALISTS
1324 W. MARLAND BLVD.
P. O. BOX 805
HOBBS, NEW MEXICO 88240
(505)397-6388 • FAX (505)397-0397
EMAIL: bbc@bbcinternational.com
WEBSITE: www.bbcinternational.com

MAY 28, 2004

PREPARED FOR:

MR. STEPHEN R. WILSON
CONOCOPHILLIPS
29 VACUUM COMPLEX RD.
LOVINGTON, NEW MEXICO 88260-9613

*Conoco Phillips 217817
Incident - PPAC0605547906
application - PPAC0605548020*





PHOENIX 360 451 0013 • FAX 360 451 1307 • 10345 MARLAND • P.O. BOX 907 • HOBBBS NM 88240-0907
E-Mail: bbc@bbciinternational.com

September 28, 2004

Paul Sheeley
NM Oil Conservation Division
1625 N. French Drive
Hobbs, NM 88240

RE: ConocoPhillips – EVGSAU Well # 0546-033 Flowline Leak

Dear Mr. Sheeley:

BBC International, Inc. respectfully submits this site investigation report for the EVGSAU Well # 0546-033 Flowline Leak on behalf of ConocoPhillips.

This site is an area that was investigated due to a flowline leak that occurred on March 9, 2004. Approximately 19 barrels of oil was released with 15 barrels recovered.

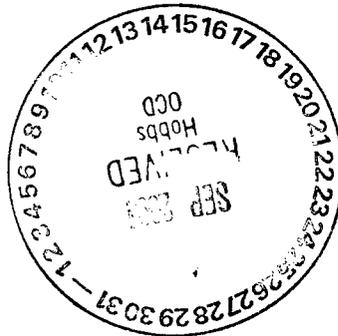
The investigation and sampling was conducted on March 25, 2004. The laboratory analysis for this site shows no sample points to be above NMOCD guidelines for sites with groundwater depths greater than 50 feet. Taking into consideration that the depth to groundwater is greater than 50 feet and the laboratory analyses verify the hydrocarbons are below the NMOCD guidelines, it is recommend that no further action be taken at this site. On behalf of Mr. Stephen R. Wilson of ConocoPhillips, BBC International, Inc. respectfully request a letter of closure for this site.

I look forward to your review of this report and the agreement to our recommendation. If you have any questions, please do not hesitate to contact me at (505)397-6388 or at the address above.

Sincerely,

BBC International, Inc.

Ken Swinney, CEI, CRS
Director of Operations



KS:jg

encl.



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

September 29, 2004

Mr Stephen R. Wilson
Conoco Phillips
29 Vacuum Complex Rd.
Lovington, NM 88260

Re: Work Plan Approval
EVGSAU Well #05046-033
Dated: 3-9-04
UL-A, Sec 5-T18S-R35E

The remediation work plan referenced above and submitted to the New Mexico Oil Conservation Division (OCD) for ConocoPhillips by BBC is **hereby approved** according to the information provided.

Please be advised that OCD approval of this plan does not relieve ConocoPhillips of liability should their operations fail to adequately investigate and remediate contaminants that threaten ground water, surface water, human health or the environment. In addition, OCD approval does not relieve ConocoPhillips of responsibility for compliance with any other federal, state, or local laws and/or regulations.

If you have any questions or need assistance please write or call: (505) 393-6161, ext. 113, or e-mail: psheeley@state.nm.us

Sincerely,

Paul Sheeley-Environmental Engineer

Cc: Roger Anderson - Environmental Bureau Chief
Chris Williams - District I Supervisor
William Olson - OCD Hydrologist
Larry Johnson - Environmental Engineer
Ken Swinny - BBC

ConocoPhillips

EVGSAU Well #0546-033

3-09-04

1.0 INTRODUCTION

The subject site is located east of Buckeye, New Mexico in Unit Letter A, of Section 5, Township 18 South, and Range 35 East. The site consists of undeveloped rangeland and petroleum production facilities. On March 9, 2004, the 2.5" flowline from well #0546-033 leaked approximately 19 bbls of oil with approximately 15 bbls of oil being recovered.

2.0 SITE CHARACTERIZATION

The leak area measures approximately 50 feet by 90 feet. A sketch of the leak area including the sample points can be reviewed in Appendix II of this report. The surface soil is brown topsoil. There is no water source within 1,000 feet of the site. There is no surface water within 1,000 feet of the site. Based on data from the New Mexico Office of the State Engineer, there eight water wells located in Section 5, Township 18 South, and Range 35 East. The depth to groundwater in these wells ranges from 60 to 75 feet. The bedrock in the Buckeye area is very shallow and at this site it is approximately one foot below the surface of the topsoil.

3.0 SITE INVESTIGATION ACTIVITIES

On March 25, 2004, BBC conducted an inspection of the site. Two samples were taken at the site using a hand auger. Both samples were taken at a depth of one foot; SP1 on the south end of the leak site and SP2 on the north end of the leak site. The samples were sent to Cardinal Laboratories for analysis of TPH 8015M (GRO and DRO) and BTEX. Laboratory results for these samples are located in Appendix I of this report. Sample point locations can be reviewed on the site diagram in Appendix II of this report.

4.0 CONCLUSION AND RECOMMENDATION

The laboratory data for this site shows no sample points to be above OCD guidelines for sites with groundwater depths greater than 50 feet. The TPH concentration at SP1 is non-detect for GRO and non-detect for DRO. BTEX components at SP1 are non-detect for Benzene, non-detect for Toluene, 0.008 ppm for Ethyl Benzene, and 0.019 ppm for Total Xylenes. The TPH concentration

at SP2 is non-detect for GRO and 158 ppm for DRO. BTEX components at SP2 are non-detect for Benzene, 0.079 ppm for Toluene, 0.152 ppm for Ethyl Benzene, and 0.441 for Total Xylenes. Laboratory results are located in Appendix I of this report.

Taking into consideration that the depth to groundwater is greater than 50 feet and the laboratory analyses verify the hydrocarbons are below the NMOCD guidance levels, it is recommended that no further action be taken at this site. On behalf of Mr. Stephen R. Wilson of ConocoPhillips, BBC International, Inc. respectfully requests a letter of closure for this site.

District I
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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company ConocoPhillips	Contact Stephen Wilson
Address HC60 Box 66, Lovington, NM	Telephone No. 505-396-7962
Facility Name EVGSAU 0546-033	Facility Type Oil and Gas

Surface Owner State of NM	Mineral Owner	Lease No
----------------------------------	---------------	----------

LOCATION OF RELEASE

API# 30025 03057 00 00

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	5	18S	35E					Lea

Latitude N 32° 46.980' Longitude W 103° 28.462'

NATURE OF RELEASE

Type of Release Oil	Volume of Release 19bbl (19oil, 0water)	Volume Recovered (15oil, 0water)
Source of Release 2.5 inch flowline	Date and Hour of Occurrence 03-09-04 8:45am	Date and Hour of Discovery 03-09-04 9:00am
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*
na

Describe Cause of Problem and Remedial Action Taken.*
External Corrosion. Vacuum truck out to pick up all free liquids

Describe Area Affected and Cleanup Action Taken.*
50' x 90' well pad, spread sand on spill site

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.

Signature:	OIL CONSERVATION DIVISION	
Printed Name: Stephen R. Wilson	<i>Stephen R. Wilson</i> Approved by District Supervisor:	
Title: Sr. SHEAR Specialist	Approval Date:	ENVIRONMENTAL ENGINEER 9-24-03 Expiration Date:
E-mail Address: Stephen.R.Wilson@ConocoPhillips.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 03-15-04 Phone: 505-396-7962		

* Attach Additional Sheets If Necessary

Lease: EVGASA	Well # 0546-033	Lease # (API, RRC, State, or Federal)	Field: EVGSAU
Date:			

PBBU Discharge Report Form 10-24-03



Permian Basin Asset

Record of Accidental Discharge of Crude Oil, Water or Hazardous Substances

Lease: EVGASA Well # 0546-033		Lease # (API, RRC, State, or Federal)		Field: EVGSAU			
Discovered By: Gilberts		Date and Time Discovered: 3/9/04 @ 9:00am					
Date and Time Discharge Began: 3/9/04 @ 8:45am		Date and Time Discharge Ended: 3/9/04 @ 9:05am					
Discharge Site: Unit Letter A Sec. 5 Blk/TWP 18S Survey/Range 35E County/State: Lea, New Mexico							
Latitude Longitude							
Highway Map Location: East on CR 50 1.1 miles from Buckeye store. Turn south 1.4 miles to leak							
Location Of Discharge: Location of 0546-119				<input checked="" type="checkbox"/> Flowline ——— 100 Feet to Nearest Wellhead Number 0546-119 <input type="checkbox"/> Injection Line Feet to Nearest Wellhead Number			
Specific Source of Discharge: Flowline leak							
Describe Cause of Discharge: Corrosion							
Actions taken to Prevent Reoccurrence: Replace after one call							
Describe Nature and Extent of Area Affected: 50' x 90' Pad							
Weather Conditions: Clear and Dry							
Clean-Up Action Taken: Vacuum truck picked liquid, backhoe covered up remaining spill							
Remediation Action Taken: A determination will be made as to the need for any further action. If further action is deemed necessary a follow up report will be filed. No cattle in the area.							
Specific Source of Discharge <input checked="" type="checkbox"/> Flowline <input type="checkbox"/> Tank Piping <input type="checkbox"/> Vessel Piping <input type="checkbox"/> Line Check Valve <input type="checkbox"/> Wellhead Connections <input type="checkbox"/> Tank			Possible Reasons For Failure <input checked="" type="checkbox"/> Corrosion <input checked="" type="checkbox"/> External <input type="checkbox"/> Internal <input type="checkbox"/> Fatigue <input type="checkbox"/> Age <input type="checkbox"/> Pump <input type="checkbox"/> Vessel <input type="checkbox"/> Chemical Storage Container <input type="checkbox"/> Chemical Injection Equipment <input type="checkbox"/> Casing/Tubing Communication <input type="checkbox"/> Other:			<input type="checkbox"/> Human Error <input type="checkbox"/> Pressure <input type="checkbox"/> Instrumentation <input type="checkbox"/> Mechanical <input type="checkbox"/> Weather Cost of Cleanup/Repair:	
Pipe Size = 2.5 inches							
<input checked="" type="checkbox"/> Steel <input type="checkbox"/> Fiberglass <input type="checkbox"/> Plastic <input type="checkbox"/> Transite		<input checked="" type="checkbox"/> Buried <input type="checkbox"/> Surface <input type="checkbox"/> Bare		<input type="checkbox"/> Coated <input type="checkbox"/> Internal <input type="checkbox"/> External <input type="checkbox"/> Cement Lined			
				<input type="checkbox"/> Plastic Lined <input type="checkbox"/> Fiberglass <input type="checkbox"/> Was Line Chemically Treated <input type="checkbox"/> Other			
Names and Volumes of Substances Spilled			Remedial Action Picked Up				
19 BBL Oil 0 BBL Produced Water		15 BBL Oil 0 BBL Produced Water		Contained in Dike? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Gallons Chemical Spilled		Gallons Chemical		MFG/Chemical Name:			
Gas Volume Released (MCF)		<input type="checkbox"/> Gas Leak <input type="checkbox"/> Blowdown <input type="checkbox"/> Upset					
Other - Explain:							
Federal, State, and Local Agencies Notified:				Job Number			
Agency	Person Notified	Date and Time Notified	Method Used		Person Notifying		
NMOCD		@	<input type="checkbox"/> Phone	<input type="checkbox"/> Fax			
		@	<input type="checkbox"/> Phone	<input type="checkbox"/> Fax			
		@	<input type="checkbox"/> Phone	<input type="checkbox"/> Fax			
Landowner/Tenant:				Telephone No.			
I Hereby Certify That The Above Information Is True To The Best Of My Knowledge.							
Name and Title: Malcolm Cox							

(acre ft per annum)

(quarters are biggest to smallest X Y are in Feet UTM are in Meters)

DB File Nbr	Use	Diversion	Owner	Start	Finish	Depth	Depth (in feet)	Well		
Number	Source	Tws	Rng	Sec	q	q	q	Zone	X	Y
UTM Zone	Eastings	Northings	Date	Date	Well	Water				
<u>L 04250</u>	PRO		3	CACTUS DRILLING CORP. OF TEXAS						<u>L</u>
<u>04250</u>	Shallow		18S	35E	05					
13	642431	3627364	08/26/1959	08/27/1959		112	60			
<u>04250 APPRO</u>	Shallow		18S	35E	05					<u>L</u>
13	642431	3627364	08/26/1959	08/27/1959		112	60			
<u>L 04591</u>	PRO		3	SHARP DRILLING COMPANY						<u>L</u>
<u>04591</u>	Shallow		18S	35E	05 2 4					
13	643025	3627581	02/01/1961	02/01/1961		130	75			
<u>04591 APPRO</u>	Shallow		18S	35E	05 2 4					<u>L</u>
13	643025	3627581	02/01/1961	02/01/1961		130	75			
<u>L 04664</u>	PRO		3	HONDO DRILLING COMPANY						<u>L</u>
<u>04664</u>	Shallow		18S	35E	05 3 2					
13	642225	3627170	06/16/1961	06/16/1961		140	70			
<u>04664 APPRO</u>	Shallow		18S	35E	05 3 2					<u>L</u>
13	642225	3627170	06/16/1961	06/16/1961		140	70			
<u>L 04931</u>	SRO		0	MOBIL OIL CORPORATION						<u>L</u>
<u>04931</u>	Shallow		18S	35E	05 2 1					
13	642615	3627979	02/25/1981	03/07/1981		237	70			
<u>L 05759</u>	PRO		0	PHILLIPS PET. CO.						<u>L</u>
<u>05759</u>			18S	35E	05 1 3					
13	641816	3627569								

Record Count: 8

APPENDIX I

Laboratory Analytical Results
March 2004

EVGSAU Well #0546-033
Buckeye, New Mexico

Prepared for:
ConocoPhillips
Lovington, New Mexico

2004

Prepared by:
BBC International, Inc.



PHONE (525) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2328 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
 BBC INTERNATIONAL, INC.
 ATTN: CLIFF BRUNSON
 P.O. BOX 805
 HOBBS, NM 88241
 FAX TO: (505) 397-0397

Receiving Date: 03/26/04
 Reporting Date: 03/29/04
 Project Owner: CONOCO PHILLIPS
 Project Name: EVGSAU 0546-033
 Project Location: BUCKEYE, NM

Sampling Date: 03/25/04
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: GP
 Analyzed By: BC

LAB NUMBER	SAMPLE ID	GRO (C ₈ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:		03/26/04	03/26/04	03/26/04	03/26/04	03/26/04	03/26/04
H8562-1	SP1-1' (033)	<10.0	<10.0	<0.005	<0.005	0.008	0.019
H8562-2	SP2-1' (033)	<10.0	158	<0.005	0.079	0.152	0.441
Quality Control		843	835	0.093	0.094	0.094	0.276
True Value QC		800	800	0.100	0.100	0.100	0.300
% Recovery		105	104	93.9	94.1	93.9	92.2
Relative Percent Difference		1.1	5.6	3.4	<0.1	2.3	<0.1

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.

Burgess J. A. Cooke
 Burgess J. A. Cooke, Ph. D.

3/29/04
 Date

H8562.XLS

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
 (915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Page 1 of 1

Company Name: ORC International, Inc. **Project Name:** EUCSAR 01746-033

Project Manager: Cliff Oyler **Project Location:** Beckers N.M.

Address: 1324 W. Merland **State:** NM **Zip:** 88240

City: Hobbs **Phone #:** (505) 397-6388 **Fax #:** (505) 397-0397

Project #: NA **Project Owner:** Cecese Phillips

Sampler Name: Ken Stelmey

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	# CONTAINERS	MATRIX				DATE	TIME
			GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL		
SP2-1	SP1-1 (033)	61	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3-25-04	9:50	
SP2-1	SP2-1 (033)	61	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3-25-04	10:20	

PRESERVATION: ACID/BASE: OTHER: ICE/COOL: OTHER:

SAMPLING: TPH 8015 M DTEX

PLEASE NOTE: Liability and Damages: Cardinal's liability and coverage is limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other claims whatsoever, shall be deemed waived upon receipt of the applicable analysis. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of data, or loss of profits, incurred by client, the subcontractor, subcontractor or successor liability, or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Terms and Conditions: Reference will be charged on all accounts more than 30 days past due at the rate of 2% per month from the original date of invoice, and all costs of collection, including attorney's fees.

Sampler Relinquished: Ken Stelmey **Date:** 3-26-04 **Time:** 8:30

Received By: Joe P/SC **Date:** 3-26-04 **Time:** 8:30

Delivered By: (Circle One) Sample - UPS - Bus - Other:

Checked By: (Initials) JP/SC

Phone Result: Yes No **Address Phone #:** Yes No **Additional Fax #:** Yes No

REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to 505-993-2476.

APPENDIX II

Site Diagram
March 2004

EVGSAU Well #0546-033
Buckeye, New Mexico

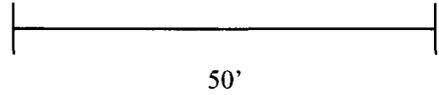
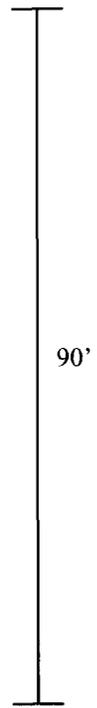
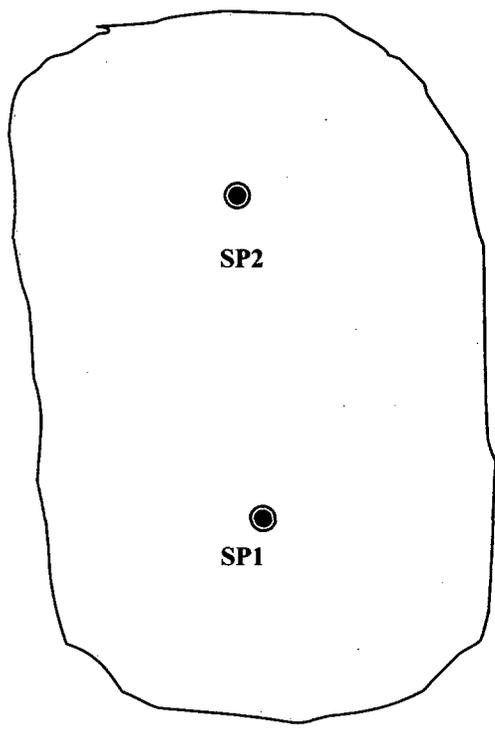
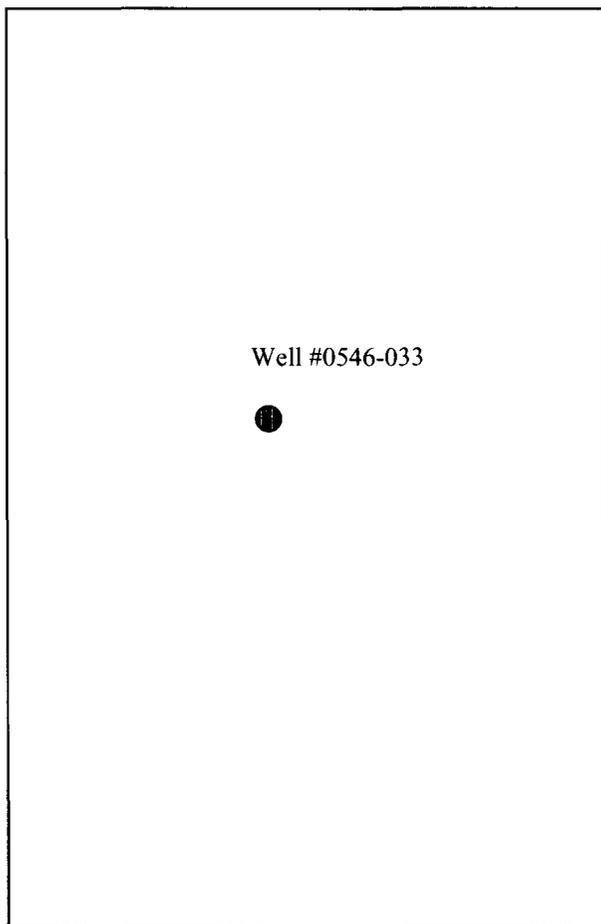
Prepared for:
ConocoPhillips
Lovington, New Mexico

2004

Prepared by:
BBC International, Inc.



CONOCOPHILLIPS
EVGSAU WELL #0546-033
3-09-04



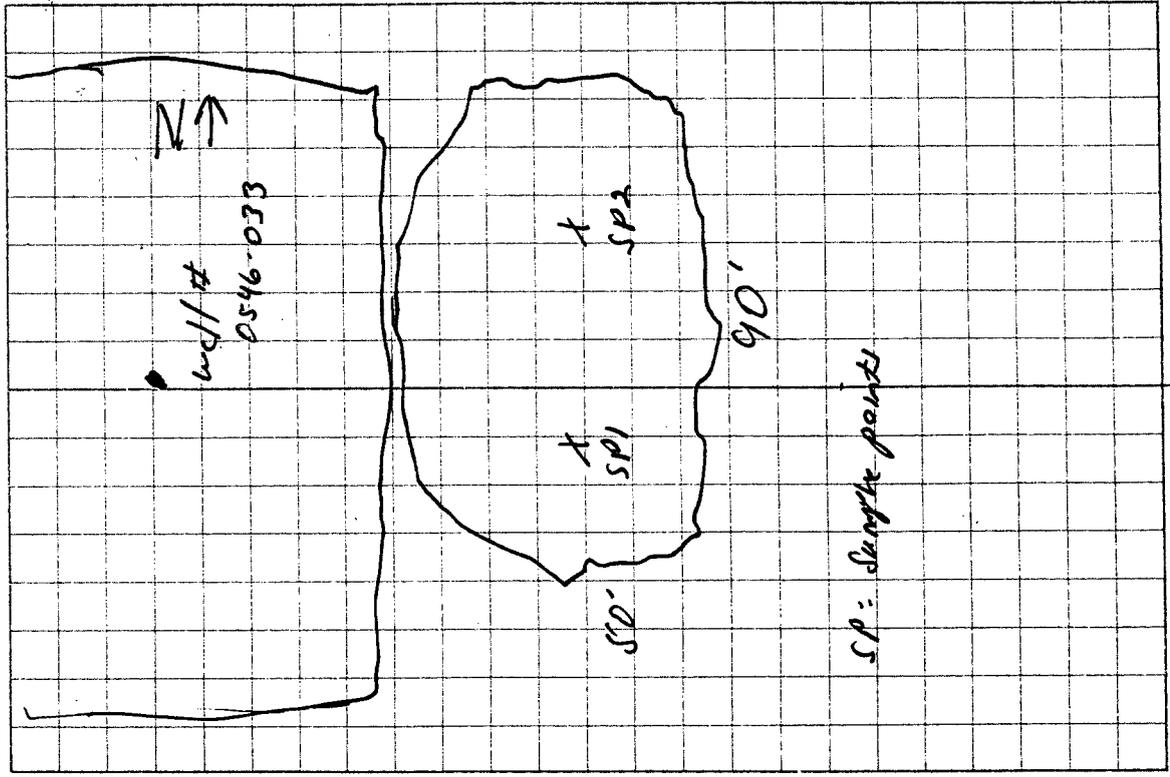
LEGEND	
●	Sample Point
●	Well

BBC INTERNATIONAL, INC.	
CONOCOPHILLIPS	
EVGSAU WELL #0546-033 (3-15-04)	
Date: 3-25-04	Drawn By: JC
Disk:	Sheet 1 of 1 Sheets
Scale: Not to Scale	File Name

Sample #	depth	date	time
SP1-1'(032)	1'	3-25-04	9:50
SP2-1'(032)	1'	3-25-04	10:00

Average residual at 1' at both sample points

Analysis = TPH 8015 m & OTEX



well #
0546-033

X
SP2

X
SP1

SP-

90'

SP = Sample points