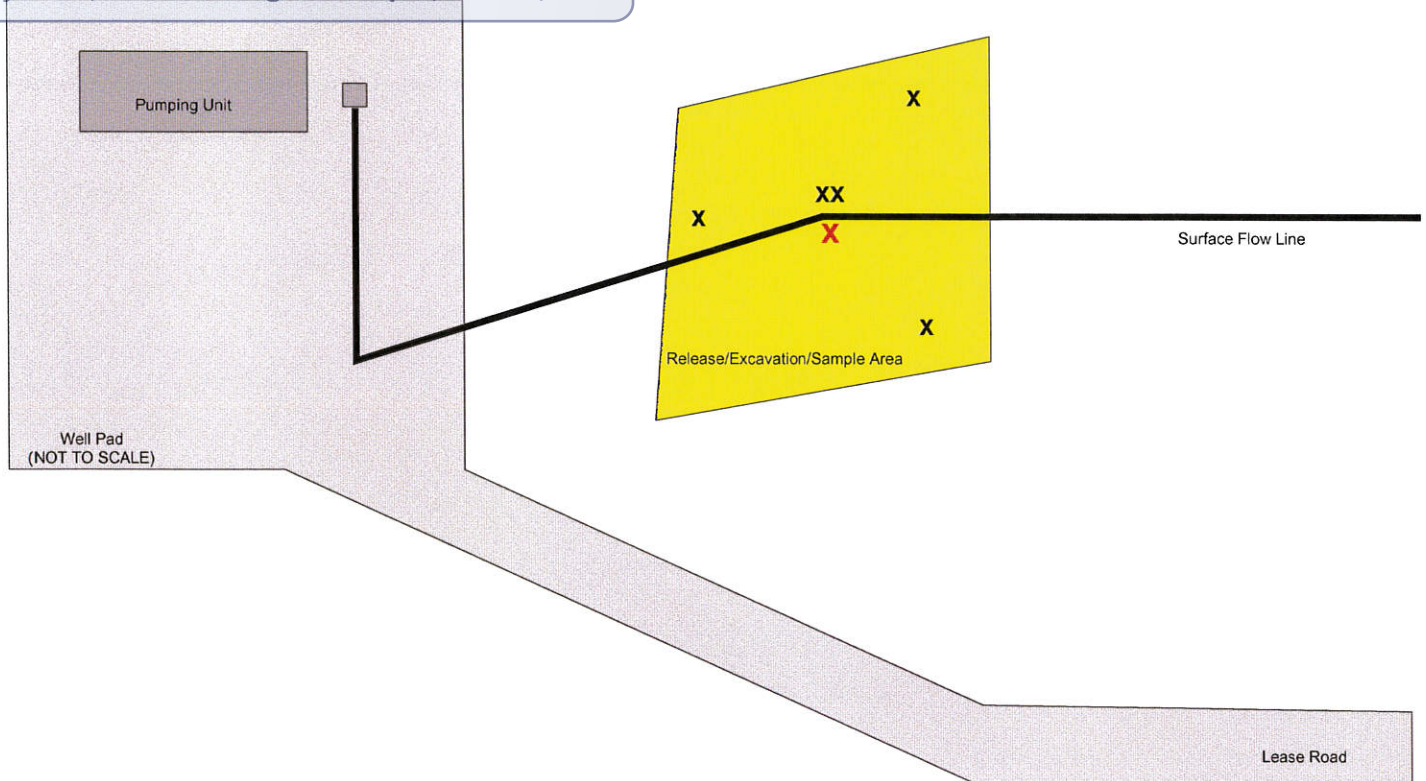


RECEIVED

By OCD; Dr. Oberding at 3:23 pm, Jun 03, 2015



Analytical Report- H500821 (Cardinal)	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	Chlorides
C00.25 R.P.	Release Point	3/24/2015	Comp/Auger	6"	<0.300	<10.0	<10.0	2640
C00.25	Release/Excavation Area	3/24/2015	Comp/Auger	6"	<0.300	<10.0	<10.0	1630

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 125', per ChevronTexaco Trend Map).

All results are ppm. X - Sample Points (C00.25) XX - Sample Point (C00.25 R.P.) X - Release Point

Released: 10 B/PW; Recovered: 0 B/PW. Release Date: 1/30/2015



Angle State #1
30-025-01984
Section 9, T17S-R34E
Lea County, NM

SAMPLE DIAGRAM (Not to Scale)

Prepared by Robert Asher
Environmental Regulatory Division

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	ABO Petroleum Corp	Contact	Dan Lewis
Address	411 West Main, Artesia	Telephone No.	575-748-4251
Facility Name	Angle State #1	Facility Type	Well
Surface Owner State		Mineral Owner	ABO Petroleum Corp
		API No.	3002501984

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	9	17	34	560	N	1980	W	Lea

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release	Produced Water	Volume of Release	10 BBLs	Volume Recovered	-0-
Source of Release	Flow line leak	Date and Hour of Occurrence		Date and Hour of Discovery	1-30-15
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	OCD		
By Whom?	Surface Owner	Date and Hour	1-30-15		
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.*

N/A

Describe Cause of Problem and Remedial Action Taken.*

Internal Corrosion caused a flow line leak.
Flow line was repaired with a clamp.

Describe Area Affected and Cleanup Action Taken.*

Area of leak 100 ft long and 40 ft wide at widest point,
excavated top 8 inches to topsoil and removed it.
Got down to clean soil at that point. Took sample for testing

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

Signature: Dan Lewis	Hydrologist	
Printed Name: Dan S. Lewis	Approved by Environmental Specialist:	
Title: Treasurer	Approval Date: 02/11/2015	Expiration Date: 04/11/2015
E-mail Address: dan@abopet.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 2-2-15	Site samples required. Delineate and remediate area as per NMOCD guides	1RP-3529
Phone: 575-748-4251		

* Attach Additional Sheets If Necessary

nTO1504241164

pTO1504241393

April 01, 2015

ROBERT ASHER

ABO PETROLEUM CORPORATION

105 SOUTH 4TH STREET

ARTESIA, NM 88210

RE: ANGLE STATE #1

Enclosed are the results of analyses for samples received by the laboratory on 03/27/15 11:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

ABO PETROLEUM CORPORATION
ROBERT ASHER
105 SOUTH 4TH STREET
ARTESIA NM, 88210
Fax To:

Received: 03/27/2015
Reported: 04/01/2015
Project Name: ANGLE STATE #1
Project Number: 30-025-01984
Project Location: LEA COUNTY

Sampling Date: 03/24/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: C00.25 R.P. (H500821-01)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2015	ND	2.04	102	2.00	4.46	
Toluene*	0.069	0.050	03/31/2015	ND	1.86	92.9	2.00	7.17	
Ethylbenzene*	<0.050	0.050	03/31/2015	ND	1.81	90.3	2.00	7.28	
Total Xylenes*	<0.150	0.150	03/31/2015	ND	5.49	91.5	6.00	7.97	
Total BTEX	<0.300	0.300	03/31/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 61-154

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/27/2015	ND	192	96.2	200	1.47	
DRO >C10-C28	<10.0	10.0	03/27/2015	ND	204	102	200	5.54	

Surrogate: 1-Chlorooctane 90.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 102 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 ABO PETROLEUM CORPORATION
 ROBERT ASHER
 105 SOUTH 4TH STREET
 ARTESIA NM, 88210
 Fax To:

 Received: 03/27/2015
 Reported: 04/01/2015
 Project Name: ANGLE STATE #1
 Project Number: 30-025-01984
 Project Location: LEA COUNTY

 Sampling Date: 03/24/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: C00.25 (H500821-02)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
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Toluene*	<0.050	0.050	03/31/2015	ND	1.86	92.9	2.00	7.17	
Ethylbenzene*	<0.050	0.050	03/31/2015	ND	1.81	90.3	2.00	7.28	
Total Xylenes*	<0.150	0.150	03/31/2015	ND	5.49	91.5	6.00	7.97	
Total BTX	<0.300	0.300	03/31/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 106 % 61-154

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	03/27/2015	ND	192	96.2	200	1.47		
DRO >C10-C28	<10.0	10.0	03/27/2015	ND	204	102	200	5.54		

Surrogate: 1-Chlorooctane 94.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 106 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240

(505) 393-2326 FAX (505) 393-2476

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Robert Asher

Company Name: Abo Petroleum Corporation

Company Address: 105 South 4th Street

City/State/Zip: Artesia, NM 88210

Telephone No: 575-748-4217

Sampler Signature: *[Signature]*

Fax No:
e-mail: boba@vatespetroleum.com

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Project Name: Angle State #1

Project #: 30-025-01984

Project Loc: Lea County

PO #: 205632

LAB # (lab use only)		FIELD CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers							Matrix	Analyze For:													
LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TPH: 418.1 8015M 8015B	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT		
1	COO.25 R.P.	4'	4'	3/24/2015	1:23 PM		1	X								S	X		X										X	X	
2	COO.25	4'	4'	3/24/2015	1:37 PM		1	X								S	X		X										X	X	
Please note 'Company Name' for report.																															
Special Instructions: PLEASE PUT CHLORIDES ON SEPARATE REPORT. ALL results in mg/kg. Thank you.																															
Relinquished by: <i>[Signature]</i> Date: 03/27/15 Time: 9:04 AM Received by: <i>[Signature]</i> Date: 3/27/15 Time: 11:15																															
Relinquished by: <i>[Signature]</i> Date: Time: Received by: <i>[Signature]</i> Date: Time:																															
Relinquished by: <i>[Signature]</i> Date: Time: Received by: <i>[Signature]</i> Date: Time:																															
Laboratory Comments: Sample Containers Intact? VOCs Free of HeadSpace? Labels on container(s) Custody seals on container(s) Custody seals on cooler(s) Sample Hand Delivered by Sampler/Client Rep.? by Courier? UPS DHL FedEx Lone Star Temperature Upon Receipt: #54 1.4 °C																															

April 01, 2015

ROBERT ASHER

ABO PETROLEUM CORPORATION

105 SOUTH 4TH STREET

ARTESIA, NM 88210

RE: ANGLE STATE #1

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Method EPA 524.2	Total Trihalomethanes (TTHM)
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Sincerely,



Celey D. Keene

Lab Director/Quality Manager

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ABO PETROLEUM CORPORATION
ROBERT ASHER
105 SOUTH 4TH STREET
ARTESIA NM, 88210
Fax To:

Received: 03/27/2015
Reported: 04/01/2015
Project Name: ANGLE STATE #1
Project Number: 30-025-01984
Project Location: LEA COUNTY

Sampling Date: 03/24/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: C00.25 R.P. (H500821-01)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	03/27/2015	ND	416	104	400	0.00	

Sample ID: C00.25 (H500821-02)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1630	16.0	03/27/2015	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240

(505) 393-2326 FAX (505) 393-2476

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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Telephone No: 575-748-4217

Sampler Signature: *[Signature]*

Fax No:

e-mail: boba@vatespetroleum.com

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

PO #: 205632

Project Name: Angle State #1

Project #: 30-025-01984

Project Loc: Lea County

LAB # (lab use only)		FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers							Matrix	Analyze For:														
									Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TPH: 418.1 8015M 8015B	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT	
1	COO.25 R.P.		4'	4'	3/24/2015	1:23 PM		1	X								S	S	X	X	X	X								X	X
2	COO.25		4'	4'	3/24/2015	1:37 PM		1	X								S	S	X	X	X	X								X	X
Please note 'Company Name' for report.																															
Special Instructions: PLEASE PUT CHLORIDES ON SEPARATE REPORT. ALL results in mg/kg. Thank you.																															
Relinquished by:		Date	Time	Received by:		Date	Time	Laboratory Comments:																							
Relinquished by: <i>[Signature]</i>		03/27/15	9:04 AM	Received by: <i>[Signature]</i>		3/27/15	11:15	Sample Containers Intact? <input checked="" type="checkbox"/> VOCs Free of Headspace? <input checked="" type="checkbox"/> Labels on container(s) <input checked="" type="checkbox"/> Custody seals on container(s) <input checked="" type="checkbox"/> Custody seals on cooler(s) <input checked="" type="checkbox"/> Sample Hand Delivered by Sampler/Client Rep.? <input checked="" type="checkbox"/> by Courier? <input checked="" type="checkbox"/> UPS <input checked="" type="checkbox"/> DHL <input checked="" type="checkbox"/> FedEx <input checked="" type="checkbox"/> Lone Star <input checked="" type="checkbox"/> Temperature Upon Receipt: #54 1.4 °C																							
Relinquished by:		Date	Time	Received by: ELDT:		Date	Time																								

