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 Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NMLB1203929447
District RP	2RP-998
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources, Inc.	OGRID 7377
Contact Name Chase Settle	Contact Telephone 575-748-1471
Contact email Chase_Settle@eogresources.com	Incident # *NMLB1203929447*
Contact mailing address 104 S. 4th Street, Artesia, NM 88210	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Dagger Draw WaterLine near Hornbaker Battery	Site Type PW Pipeline
Date Release Discovered 01/04/2012	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
	25	18S	25E	Eddy

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 600	Volume Recovered (bbls) 460
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Please refer to the attached original C-141 form for 2RP-998 for cause of release and immediate action steps. EOG Resources is submitting for closure via the new form to formally close out this incident. All sampling and correspondence is also attached.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	NMLB1203929447
District RP	2RP-998
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

☑ The source of the release has been stopped.
☑ The impacted area has been secured to protect human health and the environment.
☑ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☑ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.

Printed Name: Chase Settle
Title: Rep Safety & Environmental Sr

Signature: Chase Settle
Date: 10/13/2021

email: Chase_Settle@eogresources.com
Telephone: 575-748-1471

OCD Only

Received by: _____
Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	NMLB1203929447
District RP	2RP-998
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☐ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	NMLB1203929447
District RP	2RP-998
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Form C-141
Page 5

State of New Mexico
Oil Conservation Division

Incident ID	NMLB1203929447
District RP	2RP-998
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	NMLB1203929447
District RP	2RP-998
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☑ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☑ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☑ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☑ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Chase Settle Title: Rep Safety and Environmental Sr

Signature: Chase Settle Date: 10/13/2021

email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Bradford Billings Date: 10/20/2021

Printed Name: Bradford Billings Title: Envi.Spec.A

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	OGRID Number	Contact
Yates Petroleum Corporation	25575	Amanda Trujillo
Address		Telephone No.
104 S. 4TH Street		575-748-1471
Facility Name	API Number	Facility Type / Order Number
Dagger Draw WaterLine near Hornbaker btty		PW Pipeline / 2RP-

Surface Owner	Mineral Owner	Lease No.
Fee	Fee	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	25	18S	25E	SW/NE				Eddy

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
Produced Water and BS	600 bbls	460 bbls
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery
Dresser Sleeve pipeline	01/14/2012	1/14/2012 - PM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Mike Bratcher – NMOCD/Artesia	
By Whom? Amanda Trujillo – Yates Petroleum Corporation	Date and Hour 1/14/2012 2:05 pm	
Was a Watercourse Reached? ☒ Yes ☐ No	If YES, Volume Impacting the Watercourse. 600 bbls	

If a Watercourse was Impacted, Describe Fully.*
Release ran into Rio Penasco Draw. The draw is dry. No threat to water was present.

Describe Cause of Problem and Remedial Action Taken.*
A dresser sleeve on a waterline cracked. Release flowed downhill to Rio Penasco Draw. Immediately upon discovery, the leaking pipeline was isolated. Multiple vacuum trucks were called to the scene and began removing standing fluid. A backhoe and other heavy equipment were dispatched to the scene to assist. Earthen berms were constructed to segregate the impacted area. The area was fenced to prevent livestock from entering.

Describe Area Affected and Cleanup Action Taken.*
An approximate size of 300' x 20' was impacted. The release flowed from the pipeline down the hill to the Rio Penasco Draw (approx. 200 yrds) where it pooled in the dry bottom. *See Remedial Action above. Soil from the pooling areas was excavated and disposed of at an NMOCD approved facility. Vertical and horizontal delineation samples will be taken and analysis ran for TPH, BTEX and chlorides for reference. See attached lab analysis. **Depth to Ground Water: >100' (approx. 241', per nearest water well data sampled 2011: Wellhead Protection Area: No; Distance to Surface Water Body: >1000'; SITE RANKING IS 0.**

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: A Trujillo

Printed Name: Amanda Trujillo

Title: Environmental Scientist

E-mail Address: atrujillo@yatespetroleum.com

Date: Friday, April 20, 2012 Phone: 575-748-4310

OIL CONSERVATION DIVISION

Signed By Mike Bratcher

Approved by District Supervisor:

Approval Date: APR 20 2012 Expiration Date:

Conditions of Approval: Attached ☐

Attach Additional Sheets If Necessary

Yates Petroleum Corporation

Rio Penasco Draw Reclamation Plan

Section 25, T18S-R25E

Eddy County, New Mexico

April 20, 2012

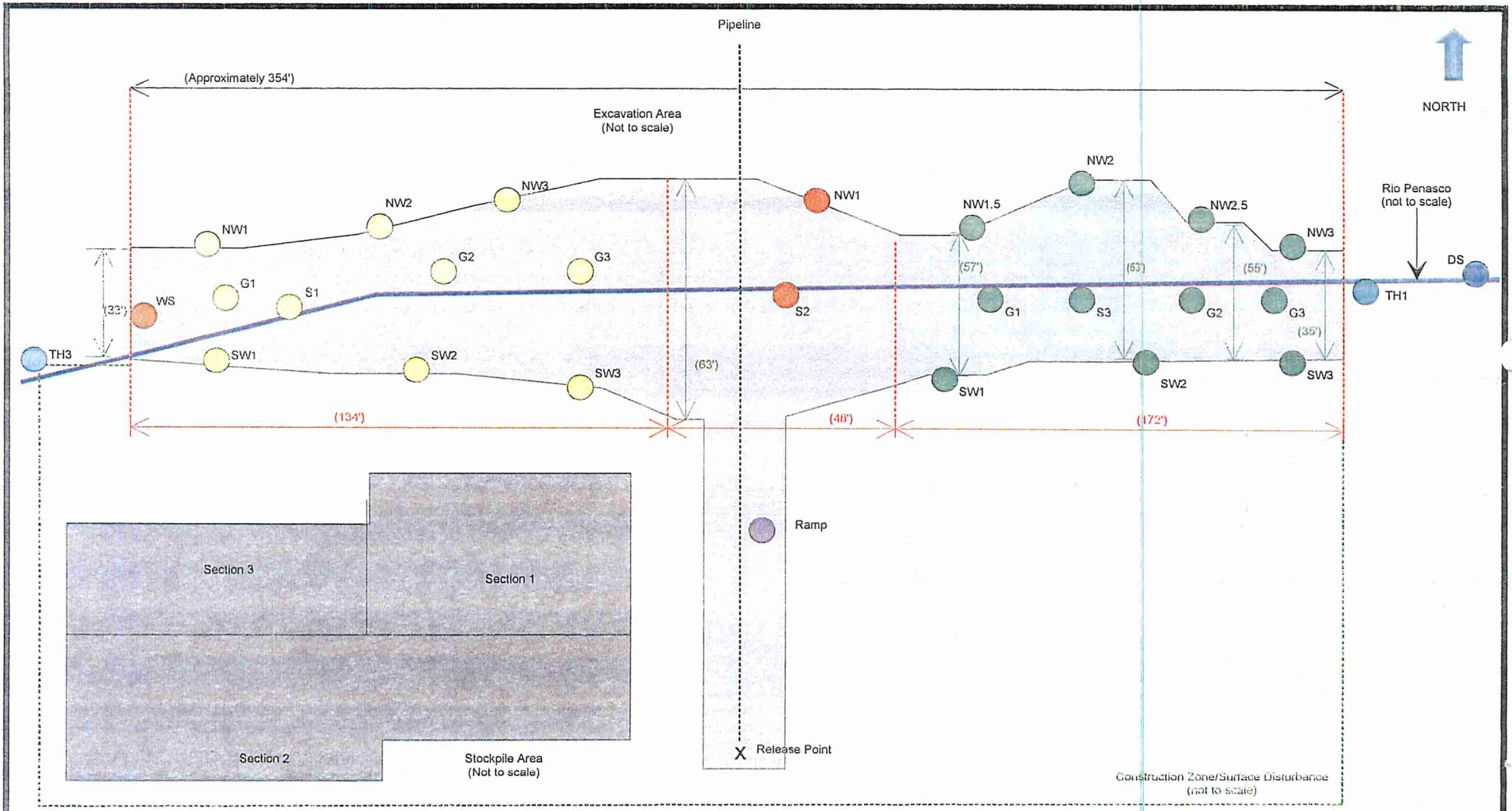
V. Scope of Work (previously approved 1/27/12)

Soil in three sections designated *S1, S2,* and *S3* (see attached diagram) will be excavated to a depth of 10', 4' and 8' respectively. Excavated soil will be placed on plastic up gradient from the excavation. The impacted material will be bermed. The excavation will be conducted in accordance with OSHA regulation 1926 Subpart P App B, titled Sloping and Benching.

Once excavation is complete additional sampling will be conducted. When the analytical results are within RRAL's for BTEX (50 ppm) and TPH (5000 ppm) for the Total Ranking Score of zero (0), YPC will submit a *C-141 Final Report* along with the analytical results and request closure of the site.

Addendum to Scope of Work

Once excavation is complete and all analytical results are within RRAL's for BTEX (50 ppm) and TPH (5000 ppm) in both the excavation area and the stock pile YPC will submit a *C-141 Final Report* along with the analytical results and request closure and backfill of the site. YPC is requesting that the stock pile material be used to backfill the excavation area, so the area is filled with like material.



YATES PETROLEUM CORPORATION

Penasco Water Line

Section 25, T18S-R25E
Eddy County, NM

SAMPLE DIAGRAM
(Not to Scale)

Yates Petroleum Corporation
4/20/2012

Rio Penasco Draw Remediation
FINAL Sampling Results Diagram

Sampling Area S1					Lab Analysis Reference
Sampling ID	TPH (mg/kg)		BTEX (mg/kg)	Chloride (mg/kg)	Report ID
Discrete	GRO	DRO			
10' Below Ground Surface	<10.0	<10.0	0.96	4320	H200119
G1 -12' BGS	<10.0	<10.0	1.08	2840	H200364
G2 - 12' BGS	230	<10.0	49.62	1800	H200364
G3 - 12' BGS	<10.0	<10.0	0.43	4870	H200364
Sidewalls					
S1 NW1	<10.0	<10.0	ND	3760	H200437
S1 NW2	<10.0	<10.0	ND	<16.0	H200437
S1 NW3	<10.0	<10.0	ND	6600	H200437
S1 SW 1	<10.0	<10.0	ND	256	H200583
S1 SW 2	<10.0	<10.0	ND	144	H200437
S1 SW3	<10.0	<10.0	ND	1040	H200583
Upstream (WS)	<10.0	<10.0	ND	6320	H200583

Sampling Area S2					Lab Analysis Rference
Sampling ID	TPH (mg/kg)		BTEX (mg/kg)	Chloride (mg/kg)	Report ID
Discrete	GRO	DRO			
14' Below Ground Surface	<10.0	<10.0	ND	1890	H200843
Sidewalls					
S2 NW1	<10.0	<10.0	ND	64	H200583
Ramp 3'	722	188	208.39	7200	H200843
Ramp 5' Clay	39.5	19.7	4.24	1660	H200843
Ramp 7' Clay	<10.0	<10.0	1.25	768	H200843
Ramp 9' Clay	507	61.3	44.26	800	H200843

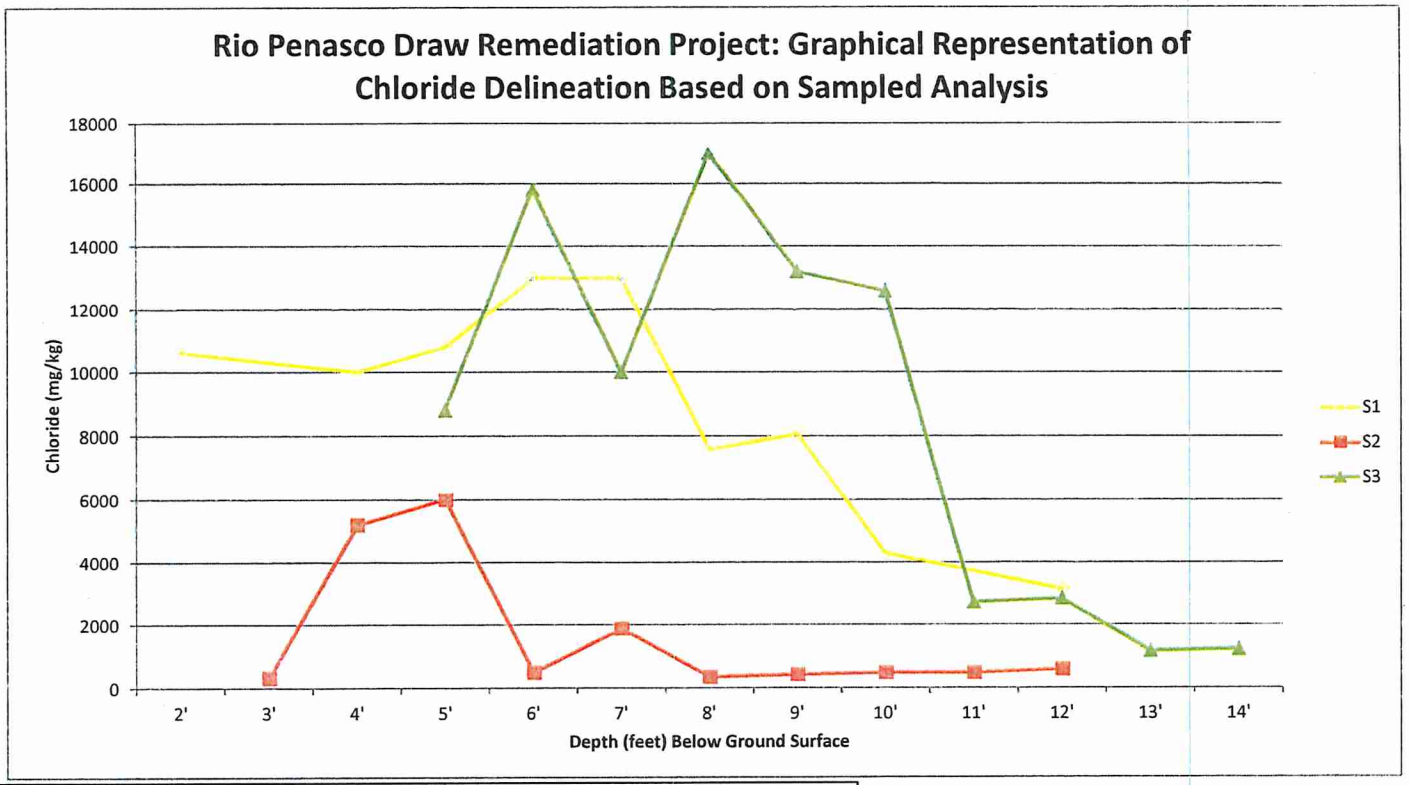
Rio Penasco Draw Remediation

FINAL Sampling Results Diagram

Sampling Area S3					Lab Analysis Reference
Sampling ID	TPH (mg/kg)		BTEX (mg/kg)	Chloride (mg/kg)	Lab ID
Discrete	GRO	DRO			
12' Below Ground Surface	14.3	13.9	ND	2840	H200168
G1 -14' BGS	<10.0	<10.0	0.5	1490	H200364
G2 - 14' BGS	<10.0	19.5	1.76	946	H200364
G3 - 13' BGS	13.3	<10.0	ND	1170	H200364
Sidewalls					
S3 NW 1.5 4' BGS	<10.0	<10.0	ND	592	H200843
S3 NW 1.5 9' BGS	<10.0	<10.0	1.06	47200	H200843
S3 NW 2 3' BGS	<10.0	<10.0	0.73	64	H200843
S3 NW 2 8' BGS	<10.0	<10.0	0.38	14300	H200843
S3 NW 2.5 3' BGS	<10.0	17.4	ND	32	H200843
S3 NW2.5 10' BGS	<10.0	<10.0	ND	9060	H200843
S3 NW 3	<10.0	<10.0	ND	3440	H200437
S3 SW 1	741	87.5	45.45	15200	H200437
S3 SW 2	<10.0	<10.0	ND	176	H200437
S3 SW 3 3' BGS	<10.0	<10.0	ND	48	H200843
S3 SW 3 8' BGS	<10.0	<10.0	ND	3680	H200843
Downstream	<10.0	<10.0	ND	3000	H200437

Stockpile

Sampling ID	TPH (mg/kg)		BTEX (mg/kg)	Chloride (mg/kg)	Lab Analysis Reference
Composites	GRO	DRO			Lab ID
Section 1	59.5	349	2.58	3120	H200843
Section 2	<10.0	37.7	ND	4240	H200843
Section 3	21.3	200	1.25	2680	H200843



	Chlorides							
Depth	S1				S2	S3		
2'				**10600**				
3'					**320**			
4'				**10000**	**5200**			
5'				**10800**	**6000**			**8800**
6'				**13000**	**496**			**15800**
7'				**13000**	**1880**			**10000**
8'				**7600**	**352**			**17000**
9'				**8080**	**432**			**13200**
10'				**4320**	**496**			**12600**
11'					**496**			**2720**
12'	2840/	1800/	4870 Δ	**3170**	**608**			**2840**
13'								**1170**
14'						1490/	960 Δ	**1225**

January 27, 2012

Mr. Mike Bratcher
Oil Conservation Division
Artesia, NM

Re: Rio Penasco Draw Remediation Project
Section 25, T18S-R25E SW/NE
Eddy County, New Mexico

Dear Mr. Bratcher:

Yates Petroleum Corp. (YPC) would like to submit for your consideration the enclosed work plan in connection to the C-141 report dated January 17, 2012.

Upon approval of the attached work plan, Yates will proceed with the scope of work described.

If you have any questions, call me at 575-748-4310

Thank you,

Amanda Trujillo
Environmental Scientist
Yates Petroleum Corporation

Enclosure(s):

- Map
- Work Site Diagram
- Analytical results
- Soil Map

Yates Petroleum Corporation

Rio Penasco Draw Reclamation Plan

Section 25, T18S-R25E

Eddy County, New Mexico

January 27, 2012

I. Location

South on Highway 285 from Artesia. Turn west on Kincade Ranch Road just before mile marker 60. Follow Kincade for approximately 2.25 miles to lease road. Turn north on lease road. (orange and white flagging marks turn). Follow lease road due north approximately 0.75 miles to Hornbaker BA Battery. The excavation site is approximately 400 feet northwest of battery location. (Map and Worksite diagram enclosed)

II. Background

On January 14, 2012 a release occurred of approximately 600 bbls of produced water and hydrocarbon constituents of which 460 bbls were recovered. Yates submitted a C-141 on January 17, 2012 to the NMOCD District II office. The total affected area was 20 feet wide x 300 feet long.
Immediately, after notification from YPC field personnel, Randy Dade of NMOCD was notified by phone by Jerry Fanning, YPC NM Environmental Coordinator. Mike Bratcher, NMOCD, was also notified via voice message and follow up email.
Field personnel took the following actions to mitigated environmental impact:

- Immediately upon discovery, the leaking pipeline was isolated
- Multiple vacuum trucks were called to the scene and began removing standing fluid
- A backhoe and other heavy equipment were dispatched to the scene to assist
- Earthen berms were constructed to segregate the impacted area
- The area was fenced to prevent livestock from entering

YPC environmental personnel identified the impacted area as the Rio Penasco Draw, classified as an intermittent stream. Under 40 CFR part 112, Spill Prevention Controls and Countermeasures, navigable waters by definition include intermittent streams.
YPC environmental personnel classified the spill area as a non-emergency under EPA spill reporting requirements, for the following reasons; no water was impacted, the draw was dry, and the area had been in severe drought conditions for more than 1 year. As per EPA direction, via www.epa.gov, we were to report the release to the Regional Office in Dallas, Texas.
Monday, January 16, 2012 was a federal holiday. Tuesday, January 17, 2012 the following agencies were contacted as a precautionary measure.

- U.S. Environmental Protection Agency
- National Response Center
- U.S. Army Corp of Engineers
- N.M. Oil Conservation Division

Initial delineation samples were taken (1/17/12) and sent to an NMOCD approved laboratory (1/17/12 results enclosed).

Yates Petroleum Corporation is operating under the jurisdiction of the New Mexico Oil Conservation Division in accordance with the *Guidelines for Remediation of Leaks, Spills and Releases (circa 1993).*

III. Surface and Ground Water

The nearest Depth to Groundwater record listed on the New Mexico Office of the State Engineer (Section 26 and 24, T18S-R25E) shows depth of groundwater to be approximately 200 feet and 158 feet, respectively. Additionally, depth to groundwater information was also obtained from a water well owned and operated by YPC in Section 25 T18S-R25E. Groundwater was measured at 241' in December of 2011. By all indications, depth to groundwater is greater than 100 feet, making the site ranking a classification of zero (0). Watercourses in the area are dry except for infrequent flows in response to major precipitation events.

The ranking for this site is zero (0) based on the following:

Depth to ground water	> 100'
Wellhead Protection Area	> 1000'
Distance to surface water body	> 1000'

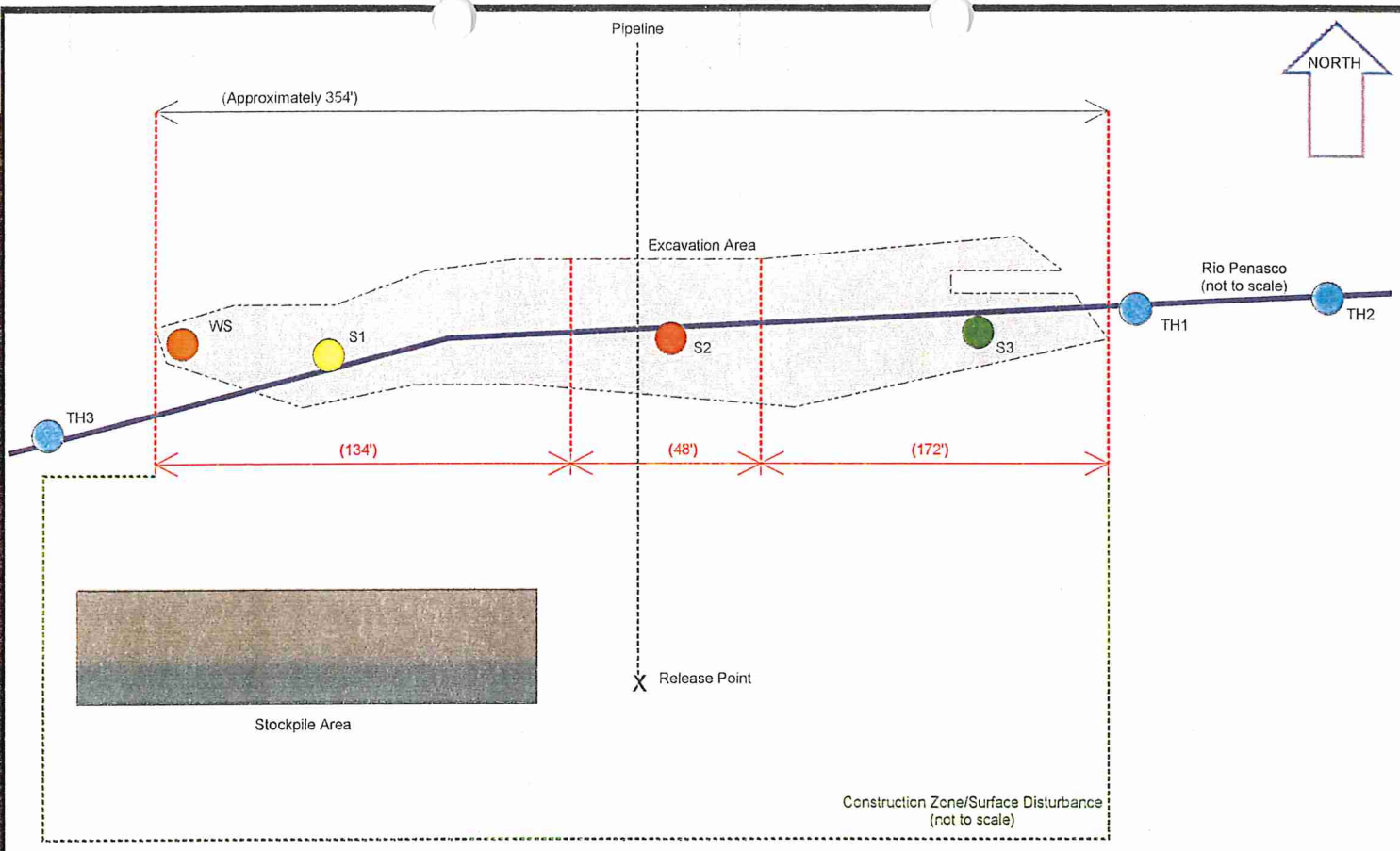
IV. Soils

Drainages are typically defined as mixed alluvium, however, NRCS classifies the area as Dev-Pima. The Dev-Pima Complex is characterized by a textural class of a very gravelly loam with an Alluvium parent material. Characteristics also include high hydraulic conductivity within the first 120" inches at which point peculation becomes restricted due to a silty clay loam horizon. Description of landforms includes alluvial fans and alluvial flood plains with vegetation dominated primarily by mesquite (Prosopis spp.) as well as several grass species including Sand Drop Seed (Sporobolus cryptandrus).

V. Scope of Work

Soil in three sections designated *S1, S2,* and *S3* (see attached diagram) will be excavated to a depth of 10', 4' and 8' respectively. Excavated soil will be placed on plastic up gradient from the excavation. The impacted material will be bermed. The excavation will be conducted in accordance with OSHA regulation 1926 Subpart P App B, titled Sloping and Benching.

Once excavation is complete additional sampling will be conducted. When the analytical results are within RRAL's for BTEX (50 ppm) and TPH (5000 ppm) for the Total Ranking Score of zero (0), YPC will submit a *C-141 Final Report* along with the analytical results and request closure of the site.



Sample Area	Sample Date	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
West Side	1/17/2012	6'	1100.70	8900	1930	10830	4440
S1	1/17/2012	2'	2482.00	25200	2600	27800	8590
S1	1/17/2012	4'	552.00	3640	1340	4980	4430
S1	1/17/2012	5'	1752.40	16300	5980	22280	2320
S1	1/17/2012	6'	1061.90	10900	1420	12320	8590
S1	1/17/2012	7'	913.20	5630	368	5998	4430
S1	1/17/2012	8'	1578.00	11500	879	12379	2320
S1	1/17/2012	9'	9563.00	193	ND	193	2320
S1	**1/17/2012**	**10'**	**0.96**	**ND**	**ND**	**0**	**1080**

Site Ranking is Zero (0). Depth to Ground Water >100' (per ChevronTexacoTrend Map).

All results are ppm. Release Date: 1/14/2012

Sample Results within NMOCD Guidelines (RRAL) for TPH/BTEX

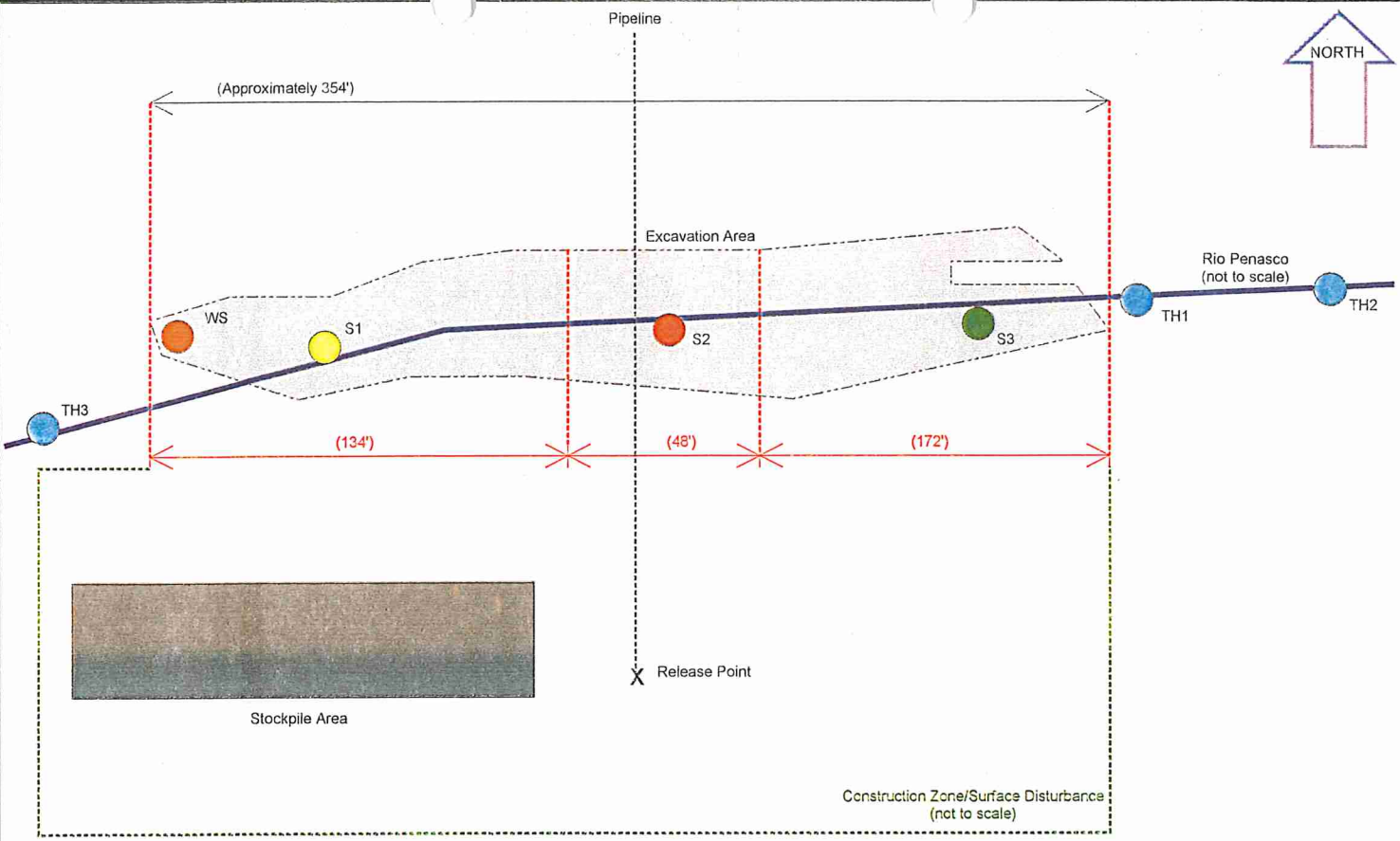
YATES PETROLEUM CORPORATION

Penasco Water Line

Section 25, T18S-R25E
Eddy County, NM

SAMPLE DIAGRAM
(Not to Scale)

Yates Petroleum Corporation



Sample Area	Sample Date	Depth	GRO	DRO	TOTAL	BTEX	Chlorides
S2	1/23/2012	3'	3.04	1148	1151.04	174.98	320
S2	1/23/2012	4'	11.6	ND	11.6	2.31	5200
S2	1/23/2012	5'	11.1	ND	11.1	2.12	6000
S2	1/23/2012	6'	19	17.4	36.4	7.03	496
S2	1/23/2012	7'	32	14.6	46.6	13.68	1880
S2	1/23/2012	8'	ND	ND	ND	1.37	352
S2	1/23/2012	9'	16.6	12.8	29.4	1.11	432
S2	1/23/2012	10'	18.8	ND	18.8	0.79	496
S2	1/23/2012	11'	10.3	11.4	21.7	1.21	496
S2	1/23/2012	12'	33.2	21.2	54.4	7.38	608

Site Ranking is Zero (0). Depth to Ground Water >100' (per ChevronTexacoTrend Map).

All results are ppm. Release Date: 1/14/2012

Sample Results within NMOCD Guidelines (RRAL) for TPH/BTEX

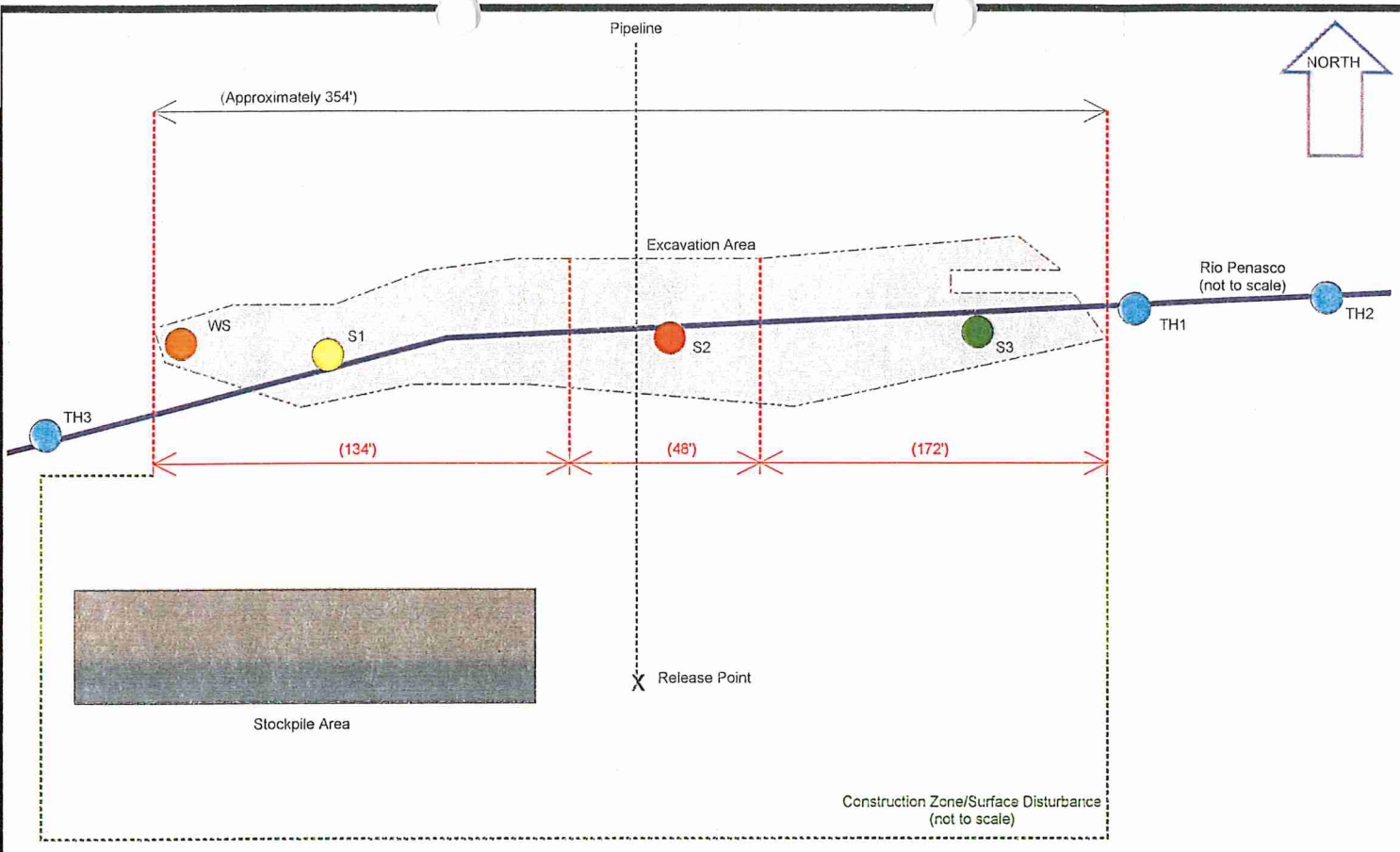
YATES PETROLEUM CORPORATION

Penasco
Water Line

Section 25, T18S-R25E
Eddy County, NM

SAMPLE DIAGRAM
(Not to Scale)

Yates Petroleum Corporation



Sample Area	Sample Date	Depth	GRO	DRO	TOTAL	BTEX	Chlorides
S3	1/23/2012	5'	ND	ND	ND	11.41	8800
S3	1/23/2012	6'	2.99	516.01	519	157.13	15800
S3	1/23/2012	7'	32	14.6	46.6	246.63	10000
S3	1/23/2012	8'	ND	ND	ND	1.37	17000
S3	1/23/2012	9'	38.1	24.9	63	1.11	13200
S3	1/23/2012	10'	88.4	65.4	153.8	0.79	12600
S3	1/23/2012	11'	17.5	14.6	32.1	1.21	2720
S3	1/23/2012	12'	14.3	13.9	28.2	7.38	2820

Site Ranking is Zero (0). Depth to Ground Water >100' (per ChevronTexacoTrend Map).

All results are ppm. Release Date: 1/14/2012

Sample Results within NMOCD Guidelines (RRAL) for TPH/BTEX

YATES PETROLEUM CORPORATION

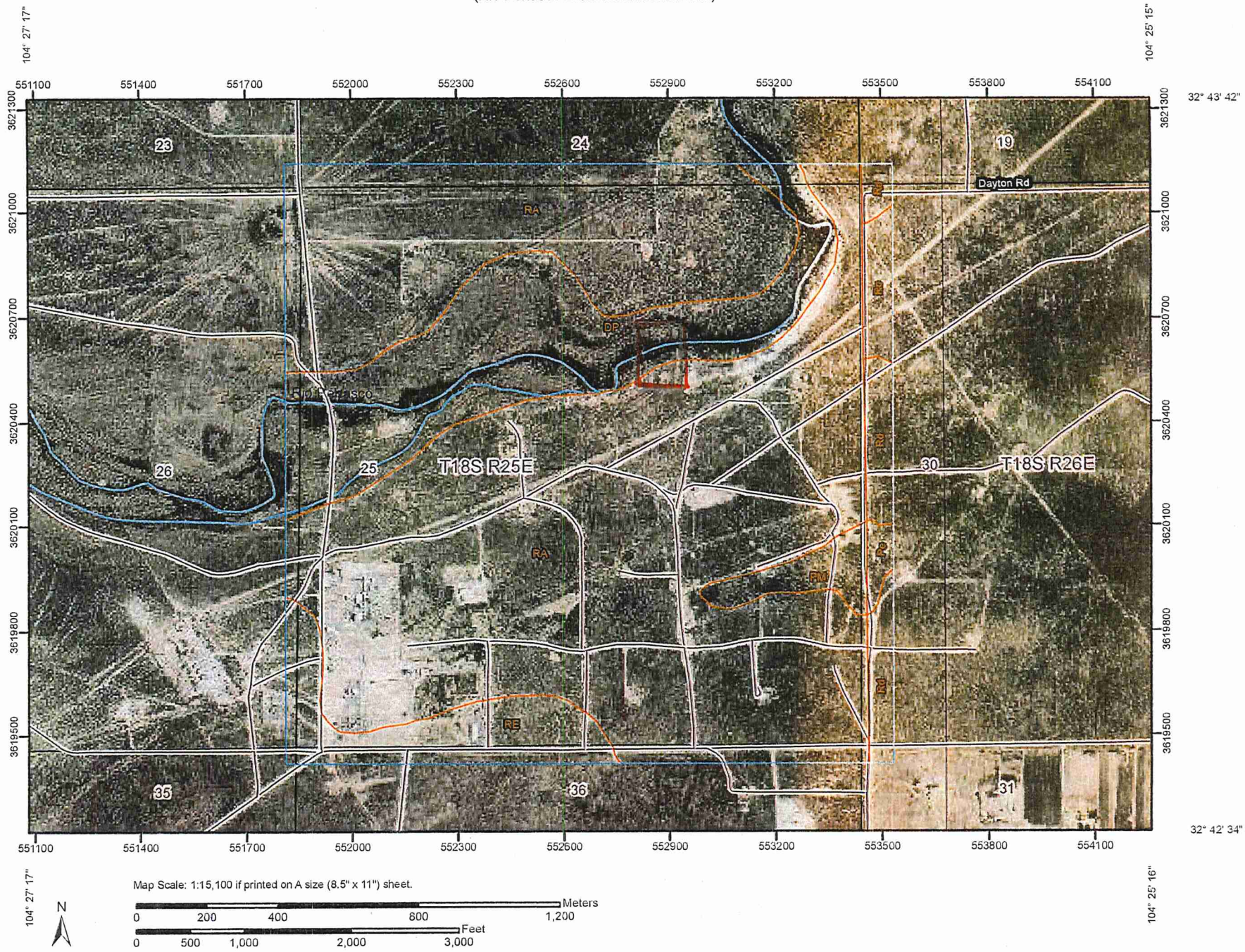
Penasco Water Line

Section 25, T18S-R25E
Eddy County, NM

SAMPLE DIAGRAM
(Not to Scale)

Yates Petroleum Corporation

Soil Map—Eddy Area, New Mexico
(Rio Penasco Draw Reclamation Site)



USDA Natural Resources Conservation Service

Web Soil Survey
National Cooperative Soil Survey

1/30/2012
Page 1 of 3

Eddy Area, New Mexico

DP—Dev-Pima complex, 0 to 3 percent slopes

Map Unit Setting

Elevation: 3,200 to 4,600 feet
Mean annual precipitation: 10 to 16 inches
Mean annual air temperature: 60 to 64 degrees F
Frost-free period: 195 to 217 days

Map Unit Composition

Dev and similar soils: 55 percent
Pima and similar soils: 30 percent

Description of Dev

Setting

Landform: Alluvial fans, flood plains
Landform position (three-dimensional): Rise, talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Mixed alluvium

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: Frequent
Frequency of ponding: None
Calcium carbonate, maximum content: 70 percent
Maximum salinity: Nonsaline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water capacity: Low (about 4.3 inches)

Interpretive groups

Land capability (nonirrigated): 6w
Ecological site: Bottomland (R042XC017NM)

Typical profile

0 to 15 inches: Very gravelly loam
15 to 60 inches: Very gravelly loam

Description of Pima

Setting

Landform: Alluvial fans, alluvial flats, flood plains
Landform position (three-dimensional): Rise, talf
Down-slope shape: Linear, convex
Across-slope shape: Linear, convex
Parent material: Alluvium

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: Rare
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water capacity: High (about 11.9 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability (nonirrigated): 7c
Ecological site: Bottomland (R042XC017NM)

Typical profile

0 to 3 inches: Silt loam
3 to 60 inches: Silty clay loam

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 9, Feb 20, 2009

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Units

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other

Special Line Features
- Gully
- Short Steep Slope
- Other

Political Features
- Cities
- PLSS Township and Range
- PLSS Section

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

MAP INFORMATION

Map Scale: 1:15,100 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: UTM Zone 13N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 9, Feb 20, 2009

Date(s) aerial images were photographed: Data not available.

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Eddy Area, New Mexico (NM614)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
DP	Dev-Pima complex, 0 to 3 percent slopes	118.8	16.2%
Pe	Pima silt loam, 0 to 1 percent slopes	3.7	0.5%
PM	Pima silt loam, 0 to 1 percent slopes	13.3	1.8%
RA	Reagan loam, 0 to 3 percent slopes	526.1	71.7%
Rc	Reagan loam, 0 to 1 percent slopes	8.7	1.2%
Rd	Reagan loam, 1 to 3 percent slopes	21.7	3.0%
RE	Reagan-Upton association, 0 to 9 percent slopes	41.0	5.6%
Totals for Area of Interest		**733.4**	**100.0%**

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

RECEIVED
JAN 18 2012
NMOCD ARTESIA

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	OGRID Number	Contact
Yates Petroleum Corporation	25575	Amanda Trujillo
Address		Telephone No.
104 S. 4TH Street		575-748-1471
Facility Name	API Number	Facility Type / Order Number
Dagger Draw WaterLine near Hornbaker btty		PW Pipeline / 2RP-

Surface Owner	Mineral Owner	Lease No.
Fee	Fee	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	25	18S	25E	SW/NE				Eddy

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
Produced Water and BS	600 bbls	460 bbls
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery
Dresser Sleeve pipeline	01/14/2012	1/14/2012 - PM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Mike Bratcher – NMOCD/Artesia	
By Whom? Amanda Trujillo – Yates Petroleum Corporation	Date and Hour 1/14/2012 2:05 pm	
Was a Watercourse Reached? ☒ Yes ☐ No	If YES, Volume Impacting the Watercourse. 600 bbls	

If a Watercourse was Impacted, Describe Fully.*
Release ran into Rio Penasco Draw. The draw is dry. No threat to water was present.

Describe Cause of Problem and Remedial Action Taken.*
A dresser sleeve on a waterline cracked. Release flowed downhill to Rio Penasco Draw. Immediately upon discovery, the leaking pipeline was isolated. Multiple vacuum trucks were called to the scene and began removing standing fluid. A backhoe and other heavy equipment were dispatched to the scene to assist. Earthen berms were constructed to segregate the impacted area. The area was fenced to prevent livestock from entering.

Describe Area Affected and Cleanup Action Taken.*
An approximate size of 300' x 20' was impacted. The release flowed from the pipeline down the hill to the Rio Penasco Draw (approx. 200 yrds) where it pooled in the dry bottom. *See Remedial Action above. Soil from the pooling areas was excavated and disposed of at an NMOCD approved facility. Initial vertical and horizontal delineation samples will be taken and analysis ran for TPH, BTEX and chlorides for reference. **Depth to Ground Water: >100' (approx. 241', per nearest water well data sampled 2011: Wellhead Protection Area: No; Distance to Surface Water Body: >1000'; SITE RANKING IS 0.**

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: A Trujillo	OIL CONSERVATION DIVISION
Printed Name: Amanda Trujillo	Approved by District Supervisor:
Title: Environmental Scientist	Approval Date: / Expiration Date:
E-mail Address: atrujillo@yatespetroleum.com	Conditions of Approval: / Attached ☐
Date: Tuesday, January 17, 2012 Phone: 575-748-4310	

Attach Additional Sheets If Necessary

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	7377
	Action Number: 55830
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bbillings	Approved for closure under old regs and values and timing of report.	10/20/2021