

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 April 3, 2017

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

NOT APPROVED

Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company RAZ OIL AND GAS	Contact BEN THOMPSON
Address 2403 AVE O EUNICE NM 88231	Telephone No. 575-399-2457
Facility Name YO ST #1	Facility Type SWD
Surface Owner STATE	Mineral Owner API No. 30-025-38162

LOCATION OF RELEASE

Unit Letter D	Section 15	Township 215	Range 3SE	Feet from the 660	North/South Line	Feet from the 840	East/West Line	County LEA COUNTY
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Latitude _____ Longitude _____ NAD83

NATURE OF RELEASE

Type of Release PRODUCED WATER	Volume of Release 250	Volume Recovered 60
Source of Release TANKS	Date and Hour of Occurrence 05/05/18	Date and Hour of Discovery 05/06/18
Was Immediate Notice Given? <input type="checkbox"/> X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? RANCHER	
By Whom? JACOB MELANCON	Date and Hour 05/06/18	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> X No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

N/A

Describe Cause of Problem and Remedial Action Taken.*

3" CONNECTION ON STORAGE FRAC TANK BROKE CAUSING WATER TO SPILL ONTO LOCATION, EAST SDE OF PAD AND INTO NORTH EAST SIDE OF PASTURE FOLLOWING COW TRAIL. GSP SITE SENT AS ATTACHMENT

Describe Area Affected and Cleanup Action Taken.*

PASTURE AREA NORTHEAST OF PAD USED VAC TRUCK TO SUCK UP STANDING FLUID AND BACKHOE TO SCRAPE AREA AND STOCK PILE SOIL TO BE HAULED OFF LATER

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: JACOB MELANCON		OIL CONSERVATION DIVISION	
Printed Name: JACOB MELANCON		Approved by Environmental Specialist:	
Title: SALES REP/ PUSHER	Approval Date:	Expiration Date:	
E-mail Address: MELANCON.JACOB@YHAOO.COM	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 05/08/18	Phone: 575-399-2727		

* Attach Additional Sheets If Necessary

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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 April 3, 2017

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	Raz Oil & Gas	Contact	Ben Thompson
Address	2403 Ave. O Eunice NM	Telephone No.	575-399-2957
Facility Name	Yo St. #1	Facility Type	SWD
Surface Owner	State	Mineral Owner	
		API No.	30-025-38162

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	15	21S	35E	660		840		Lea County

Latitude _____ Longitude _____ NAD83

NATURE OF RELEASE

Type of Release	Produced Water	Volume of Release	250	Volume Recovered	60
Source of Release	Tanks	Date and Hour of Occurrence	5-6	Date and Hour of Discovery	5-7
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?			
By Whom?	Jacob Melancon	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.*

N/A

Describe Cause of Problem and Remedial Action Taken.*

3" connection on Storage Tank broke causing water to spill
onto location east side of pad and into pasture area

Describe Area Affected and Cleanup Action Taken.*

Pasture area east of pad used backhoe + water truck to scrape
land pick up fluid spill haul off and test area.

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:	Jacob Melancon		
Title:	Approval Date:		Expiration Date:
E-mail Address:	Conditions of Approval:		Attached <input type="checkbox"/>
Date:	Phone:		

* Attach Additional Sheets If Necessary

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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	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party RAZ OIL AND GAS	OGRID
Contact Name BEN THOMPSON	Contact Telephone 575-399-2457
Contact email RAZOILANDGAS@GMAIL.COM	Incident # (assigned by OCD)
Contact mailing address PO BOX 1180	

Location of Release Source

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

Site Name YO ST#1	Site Type SWD
Date Release Discovered 05/06/18	API# (if applicable) 30-025-31862

Unit Letter	Section	Township	Range	County
D	15	215	3SE	LEA

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)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 250	Volume Recovered (bbls) 60
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

3" CONNECTION ON STORAGE FRAC TANK BROKE CAUSING WATER TO SPILL ONTO LOCATION, EAST SIDE OF PAD AND INTO NORTH EAST SIDE OF PASTURE FOLLOWING COW TRAIL, GPS SITE SENT AS ATTACHMENT

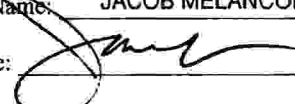
State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? 250 BARRELS WERE RELEASED FROM SWD HOLDING TANKS AND FLOWED INTO PASTURE AREA EAST OF PAD
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? YES NOTICE WAS GIVEN BY PHONE TO RANCHER AND OCD, BY JACOB MELANCON ON MAY 06,2018.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> 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: <u>JACOB MELANCON</u>	Title: <u>SALES REP/PUSHER</u>
Signature: 	Date: <u>07/16/19</u>
email: <u>melancon.jacob@yahoo.com</u>	Telephone: <u>575-399-2727</u>
<u>OCD Only</u> Received by: _____ Date: _____	

Incident ID	
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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?	200 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.

State of New Mexico
Oil Conservation Division

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Printed Name: JACOB MELACON Title: SALES REP/PUSHER

Signature:  Date: 07/16/19

email: melacon.jacob@yahoo.com Telephone: 575-399-2727

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
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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.

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Printed Name: JACOB MELACONTitle: SALES REP/PUSHERSignature: Date: 07/16/19email: melancon.jacob@yahoo.comTelephone: 575-399-2727**OCD Only**

Received by: _____ Date: _____

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

Signature: _____

Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

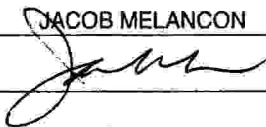
Closure

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 OCD 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: JACOB MELANCON Title: SALES REP/PUSHER
Signature:  Date: 07/16/19
email: melancon.jacob@yahoo.com Telephone: 575-399-2727

OCD Only

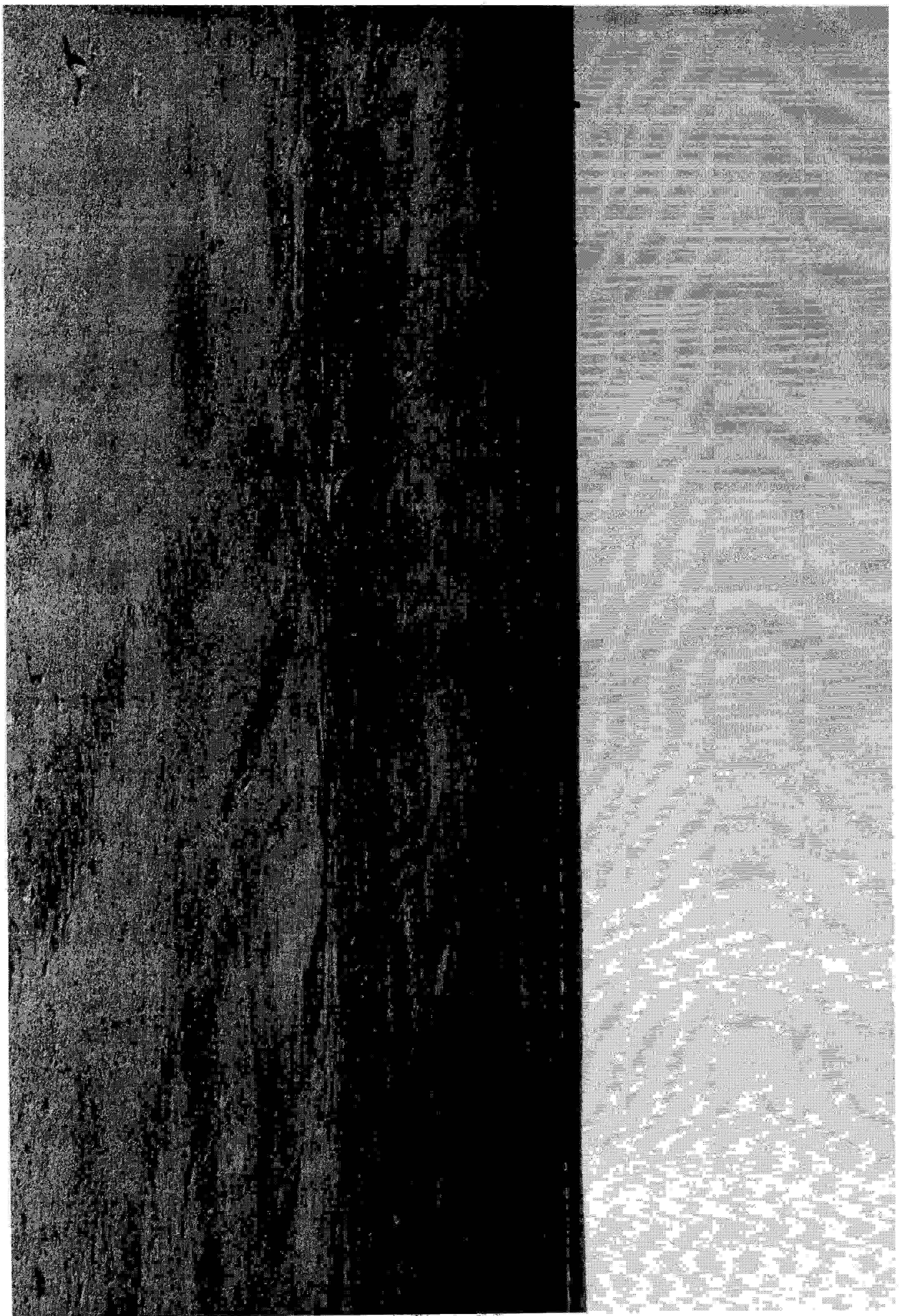
Received by: _____ Date: _____

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.

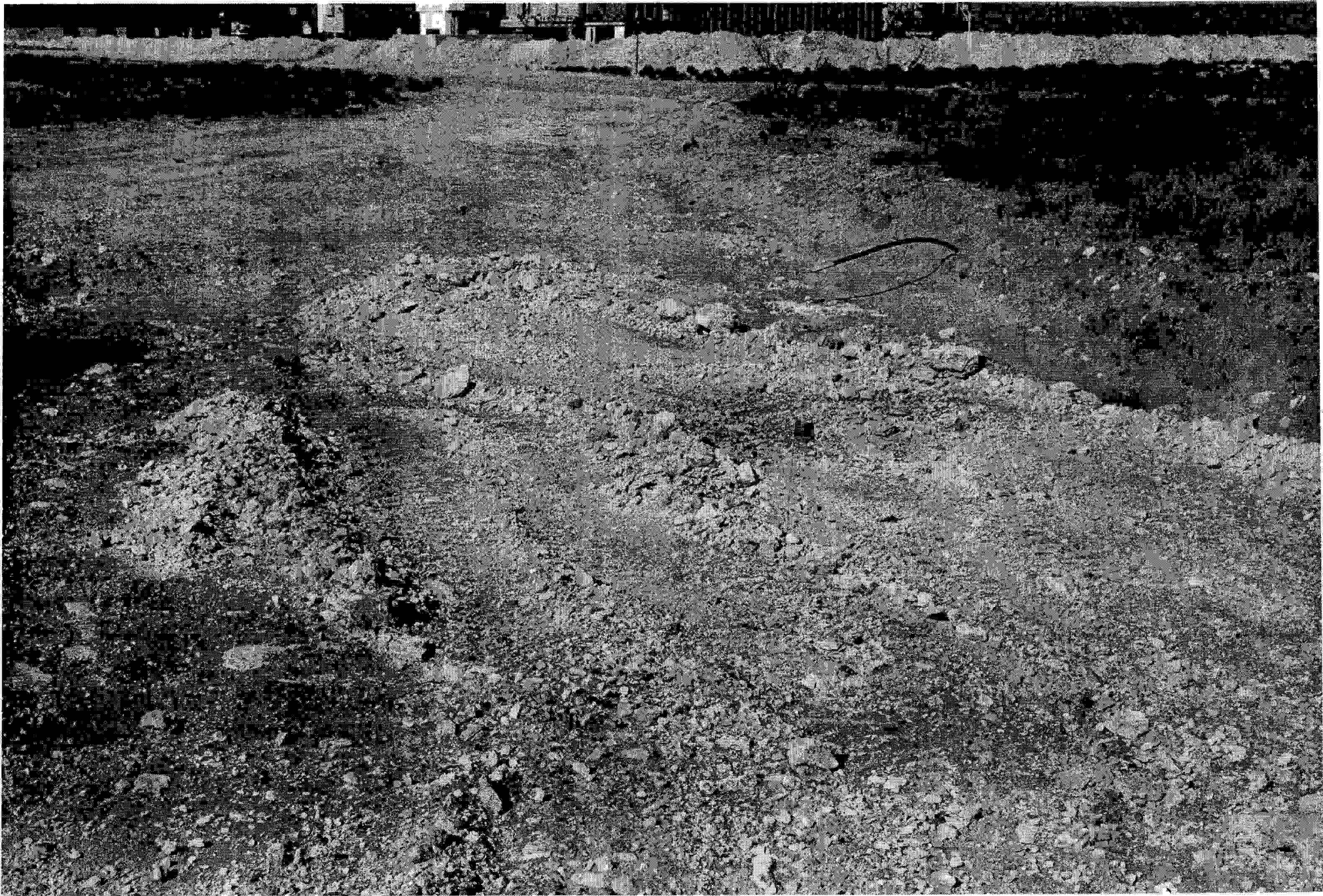
Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

RAZ OIL AND GAS L.L.C.
YO STATE SMD WELL #001
660' FNL & 840' FWL
UNIT D, SEC.15-T21S-R35E
LEA COUNTY, NEW MEXICO
API #30-025-38162



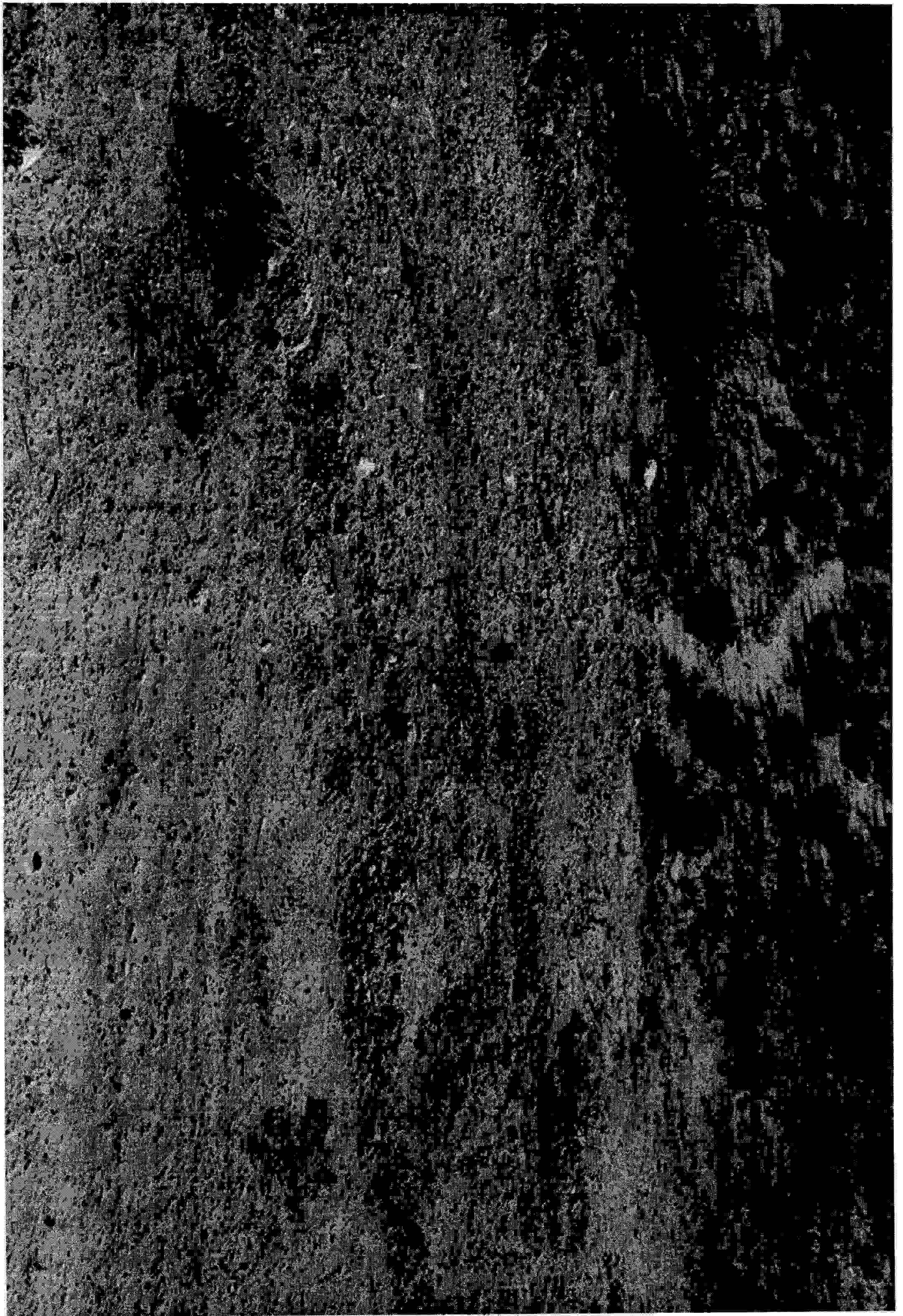


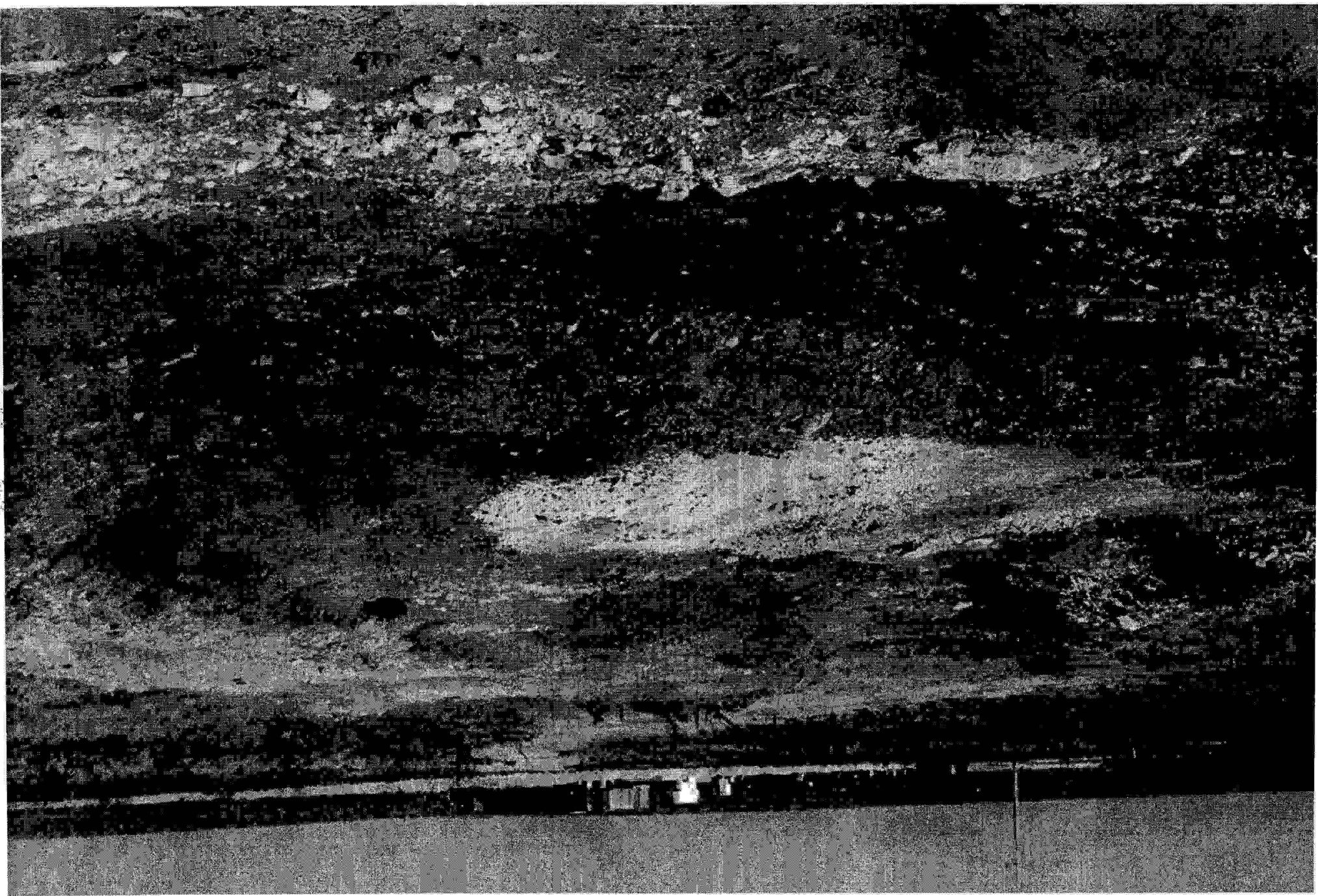


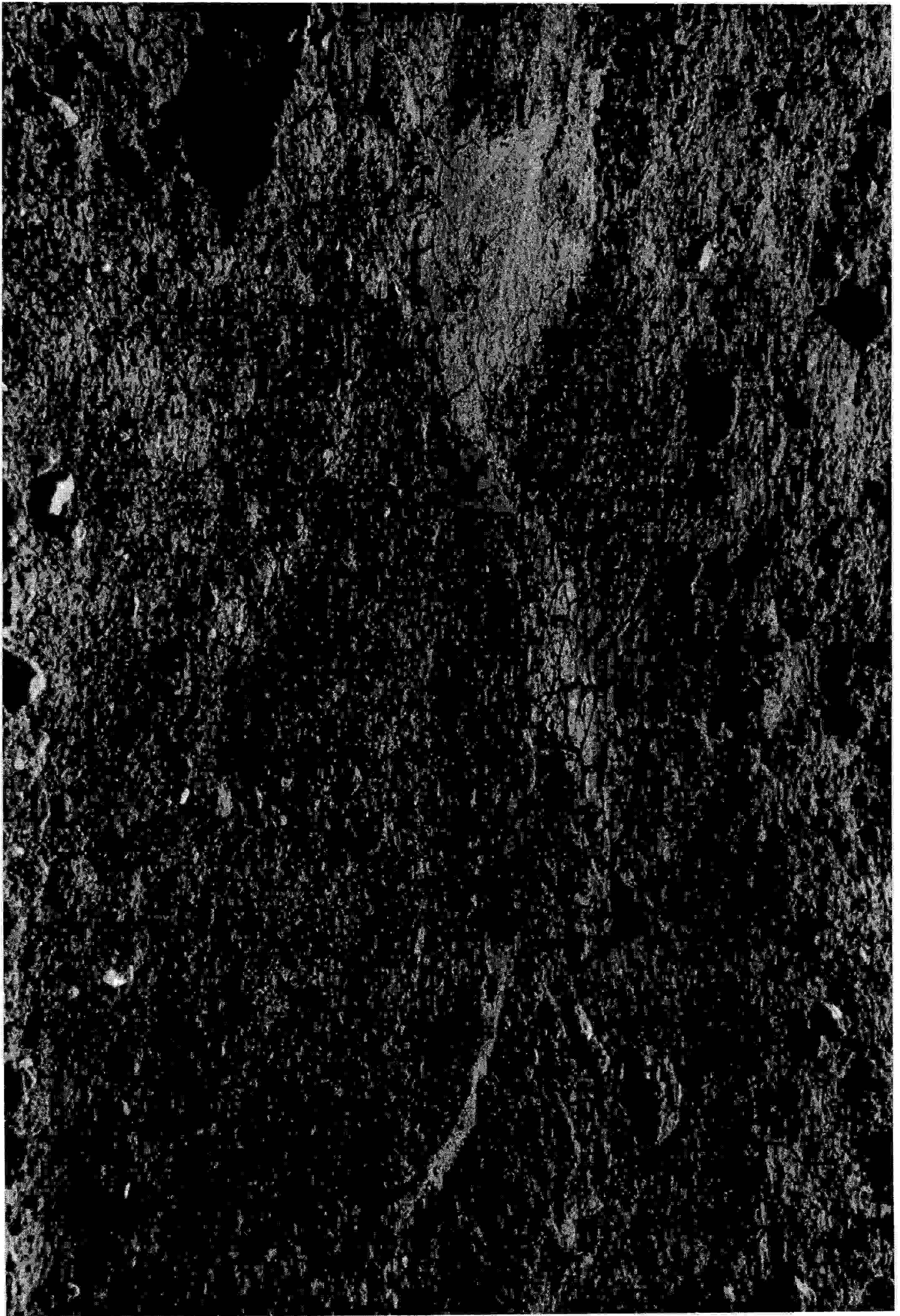




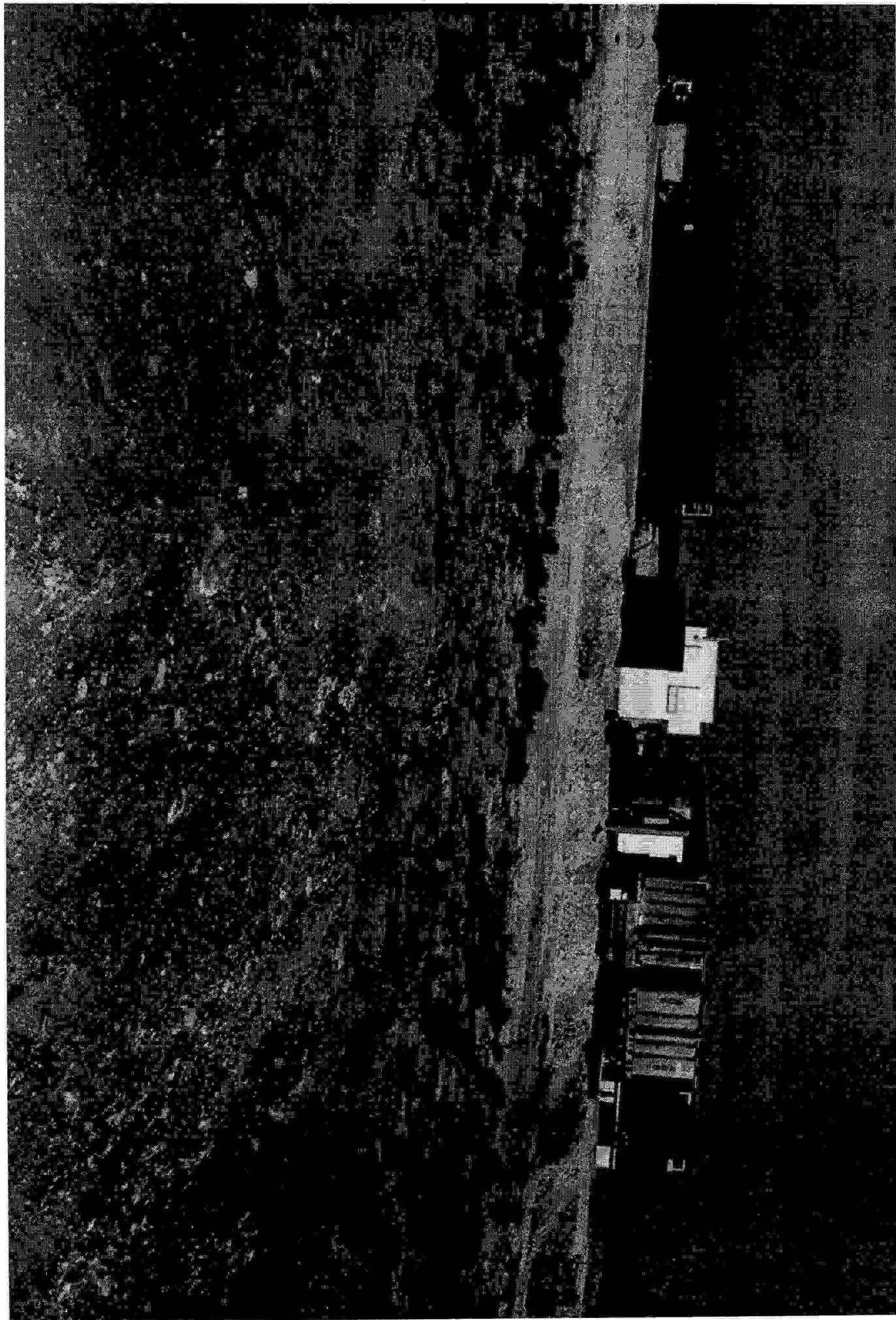
















101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

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 the client for the 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 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.

Relinquished By:		Date:	Received By:	Phone Result:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
		6-24-19		Fax Result:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Time:	Received By:	REMARKS:		
		13:50		RAZDIL AND GAS @ Gmail . Com Ben Thompson		
Delivered By: (Circle One)		Time:				
Sampler - UPS - Bus - Other:		Sample Condition	CHECKED BY:			
S.3C #97		Cool Intact	(Initials)			
		<input type="checkbox"/> Yes <input type="checkbox"/> No	TO.			



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

February 13, 2019

BEN THOMPSON

RAZ OIL & GAS

P. O. BOX 1180

EUNICE, NM 88231

RE: RAZ CLEAN UP

Enclosed are the results of analyses for samples received by the laboratory on 02/07/19 15:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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/ga/lab_accred_certif.html.

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

Method EPA 552.2	Halooacetic 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:

 RAZ OIL & GAS
 BEN THOMPSON
 P. O. BOX 1180
 EUNICE NM, 88231
 Fax To: NONE GIVEN

 Received: 02/07/2019
 Reported: 02/13/2019
 Project Name: RAZ CLEAN UP
 Project Number: 101
 Project Location: YO STATE #1

 Sampling Date: 02/06/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 6' (H900488-01)

BTX 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	02/11/2019	ND	2.28	114	2.00	2.27	
Toluene*	<0.050	0.050	02/11/2019	ND	2.17	109	2.00	1.35	
Ethylbenzene*	<0.050	0.050	02/11/2019	ND	2.12	106	2.00	2.14	
Total Xylenes*	<0.150	0.150	02/11/2019	ND	6.41	107	6.00	2.05	
Total BTX	<0.300	0.300	02/11/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 99.6 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/12/2019	ND	416	104	400	3.77	

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	02/09/2019	ND	190	94.9	200	3.86	
DRO >C10-C28*	<10.0	10.0	02/09/2019	ND	198	99.1	200	5.81	
EXT DRO >C28-C36	<10.0	10.0	02/09/2019	ND					

Surrogate: 1-Chlorooctane 78.1 % 41-142

Surrogate: 1-Chlorooctadecane 81.8 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 RAZ OIL & GAS
 BEN THOMPSON
 P. O. BOX 1180
 EUNICE NM, 88231
 Fax To: NONE GIVEN

 Received: 02/07/2019
 Reported: 02/13/2019
 Project Name: RAZ CLEAN UP
 Project Number: 101
 Project Location: YO STATE #1

 Sampling Date: 02/06/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 2 3' (H900488-02)

BTX 80218			mg/kg		Analyzed By: ms				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/11/2019	ND	2.28	114	2.00	2.27	
Toluene*	<0.050	0.050	02/11/2019	ND	2.17	109	2.00	1.35	
Ethylbenzene*	<0.050	0.050	02/11/2019	ND	2.12	106	2.00	2.14	
Total Xylenes*	<0.150	0.150	02/11/2019	ND	6.41	107	6.00	2.05	
Total BTX	<0.300	0.300	02/11/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 100 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/12/2019	ND	416	104	400	3.77	

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	02/09/2019	ND	190	94.9	200	3.86	
DRO >C10-C28*	<10.0	10.0	02/09/2019	ND	198	99.1	200	5.81	
EXT DRO >C28-C36	<10.0	10.0	02/09/2019	ND					

Surrogate: 1-Chlorooctane 75.3 % 41-142

Surrogate: 1-Chlorooctadecane 79.4 % 37.6-147

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 RAZ OIL & GAS
 BEN THOMPSON
 P. O. BOX 1180
 EUNICE NM, 88231
 Fax To: NONE GIVEN

 Received: 02/07/2019
 Reported: 02/13/2019
 Project Name: RAZ CLEAN UP
 Project Number: 101
 Project Location: YO STATE #1

 Sampling Date: 02/06/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 3 3' (H900488-03)

BTX 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	02/11/2019	ND	2.28	114	2.00	2.27	
Toluene*	<0.050	0.050	02/11/2019	ND	2.17	109	2.00	1.35	
Ethylbenzene*	<0.050	0.050	02/11/2019	ND	2.12	106	2.00	2.14	
Total Xylenes*	<0.150	0.150	02/11/2019	ND	6.41	107	6.00	2.05	
Total BTX	<0.300	0.300	02/11/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 100 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/12/2019	ND	416	104	400	3.77	

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	02/09/2019	ND	190	94.9	200	3.86	
DRO >C10-C28* -	<10.0	10.0	02/09/2019	ND	198	99.1	200	5.81	
EXT DRO >C28-C36	<10.0	10.0	02/09/2019	ND					

Surrogate: 1-Chlorooctane 74.9 % 41-142

Surrogate: 1-Chlorooctadecane 77.5 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 RAZ OIL & GAS
 BEN THOMPSON
 P. O. BOX 1180
 EUNICE NM, 88231
 Fax To: NONE GIVEN

 Received: 02/07/2019
 Reported: 02/13/2019
 Project Name: RAZ CLEAN UP
 Project Number: 101
 Project Location: YO STATE #1

 Sampling Date: 02/06/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 4 6' (H900488-04)

BTX 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	02/11/2019	ND	2.28	114	2.00	2.27	
Toluene*	<0.050	0.050	02/11/2019	ND	2.17	109	2.00	1.35	
Ethylbenzene*	<0.050	0.050	02/11/2019	ND	2.12	106	2.00	2.14	
Total Xylenes*	<0.150	0.150	02/11/2019	ND	6.41	107	6.00	2.05	
Total BTEX	<0.300	0.300	02/11/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 98.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	02/12/2019	ND	416	104	400	3.77	

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	02/09/2019	ND	190	94.9	200	3.86	
DRO >C10-C28*	<10.0	10.0	02/09/2019	ND	198	99.1	200	5.81	
EXT DRO >C28-C36	<10.0	10.0	02/09/2019	ND					

Surrogate: 1-Chlorooctane 76.1 % 41-142

Surrogate: 1-Chlorooctadecane 77.6 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- 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 SM4500C-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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: RAZ oil & Gas				BILL TO				ANALYSIS REQUEST											
Project Manager: Ben Thompson				P.O. #: 1176															
Address: 2403 Ave. O				Company: RAZ OIL & GAS															
City: Eunice State: N.M. Zip: 88231				Attn: Ben Thompson															
Phone #: 575-399-2457 Fax #: 575-394-1048				Address: 2403 Ave O															
Project #: 101 Project Owner: Ben Thompson				City: Eunice N.M.															
Project Name: Raz Clean Up				State: N.M. Zip: 88231															
Project Location: 1/2 St. #1				Phone #: 575-399-2457															
Sampler Name: David Robinson				Fax #: 575-394-1048															
FOR LAB USE ONLY																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		SAMPLING		DATE	TIME	BTEX	TPH	CL	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACIDBASE	ICE/COOL	OTHER:							
H900488																			
1	SP1 6'	S	1			X								2-6	10:06	✓	✓	✓	
2	SP2 3'	S	1			X								2-6	11:01	✓	✓	✓	
3	SP3 3'	S	1			X								2-6	11:32	✓	✓	✓	
4	SP4 6'	S	1			X								2-6	1:00	✓	✓	✓	

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Relinquished By:	Date: 2-7-19	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 15:15		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS: melancon.jacob@yahoo.com	
	Time:			
Delivered By: (Circle One)	Sample Condition	Cool Intact	CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:	Oil	Intact	JD	