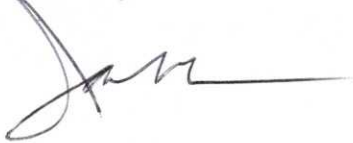


CLOSURE REPORT
RAZ OIL AND GAS
YO STATE #1

On the morning of may 6th 2018 a spill occurred at the Raz oil and gas swd well the Yo state #1 due to a 3" connection failing on tank. This allowed approximately 250bbl of produced water to flow into pasture area just east of pad. At this time vacuum trucks where used to pick up any free standing fluid in pasture approximately 60bbl and a backhoe was used to scrape and dig up any visible contamination and was stock piled on site. According to the surveying from that area and a water well approximately 3957ft away from from spill area depth to water is over 200ft. Sight was then excavated 2ft and 4ft in some areas to remove any visible contamination approximately 596 yards was hauled off to Sundance Services, samples where ran on sight to determine amount of chlorides in samples. After clean samples where reached they where taken to cardinal labs in Hobbs New Mexico for analysis. Analytical data shows sight to be clean on chlorides Btex and TPH at this time I am proposing to back fill sight with top soil and reseed area using land owners recommendation. Any questions or comments you can call Jacob Melancon at 575 399 2727 thank you.

Sincerely

A handwritten signature in black ink, appearing to read 'Jacob Melancon', with a long horizontal stroke extending to the right.

Jacob Melancon
575 399 2727

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

[illegible]

Analytical Results For:

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

Received: 10/15/2019
Reported: 10/16/2019
Project Name: YO STATE #1
Project Number: 1001
Project Location: NONE GIVEN

Sampling Date: 10/15/2019
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SP 5 4.5' (H903491-01)**Chloride, SM4500Cl-B****mg/kg****Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/16/2019	ND	416	104	400	3.92	

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

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.

Release 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
------------------	---------------	-----------------	--------------	----------------------	------------------	----------------------	----------------	----------------------

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:	
Date: 05/08/18 Phone: 575-399-2727		Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary

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.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	<i>Raz Oil & Gas</i>	Contact	<i>Ben Thompson</i>
Address	<i>2403 Ave. O Emme NM</i>	Telephone No.	<i>575-399-2957</i>
Facility Name	<i>Yo St. #1</i>	Facility Type	<i>SWD</i>
Surface Owner	<i>State</i>	Mineral Owner	
		API No.	<i>30-025-3862</i>

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
<i>D</i>	<i>15</i>	<i>215</i>	<i>35E</i>	<i>660</i>		<i>840</i>		<i>Lea County</i>

Latitude _____ Longitude _____ NAD83

NATURE OF RELEASE

Type of Release	<i>Produce Water</i>	Volume of Release	<i>250</i>	Volume Recovered	<i>60</i>
Source of Release	<i>Tanks</i>	Date and Hour of Occurrence	<i>5.6</i>	Date and Hour of Discovery	<i>5.7</i>
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required				
By Whom?	<i>Jacob Melancon</i>	Date and Hour			
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				

If a Watercourse was Impacted, Describe Fully.*

N/A

Describe Cause of Problem and Remedial Action Taken.*

3" connection on Storage Tank Bore causing water to spill into 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 and pick up fluid with 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: <i>Jacob Melancon</i>		OIL CONSERVATION DIVISION	
Printed Name: <i>Jacob Melancon</i>		Approved by Environmental Specialist:	
Title: <i>Pastor</i>	Approval Date:	Expiration Date:	
E-mail Address: <i>melancon.jacob@jchc.com</i>	Conditions of Approval:		Attached <input type="checkbox"/>
Date: <i>5.8.2018</i>	Phone: <i>575-399-2227</i>		

* Attach Additional Sheets If Necessary

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
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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	
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

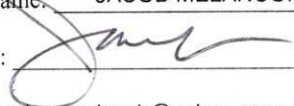
State of New Mexico
Oil Conservation Division

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.jaocb@yahoo.com</u>	Telephone: <u>575-399-2727</u>
<u>OCD Only</u>	
Received by: _____	Date: _____

Incident ID	
District RP	
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?	_____ 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.*

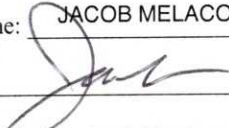
- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile 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

Incident ID	
District RP	
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: 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: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

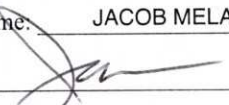
Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ 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: JACOB MELACON Title: SALES REP/PUSHER
Signature:  Date: 07/16/19
email: melancon.jacob@yahoo.com Telephone: 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	

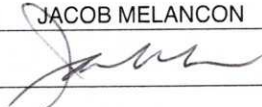
Closure

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 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: 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: _____



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
CP 00587			LE	1	1	14	21S	35E		655531	3595337*	250		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 1

Basin/County Search:

County: Lea

PLSS Search:

Section(s): 9-16

Township: 21S

Range: 35E

EXHIBIT "E"

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

5/28/15 3:42 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

RAZ Oil Gas

10 st

MEMBER: 101

Jacob Melancon

David Robinson

DATE:

[illegible]

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Samples
 1-2-3-4
 6'-3'-5'-6'

Company Name: RAZ 0.1 & Gas		BILL TO		ANALYSIS REQUEST	
Project Manager: Ben Thompson		P.O. #: 1176			
Address: 2403 Ave. O		Company: RAZ 0.1 & Gas			
City: Evansville		Attn: Ben Thompson			
Phone #: 575-399-2457		Address: 2403 Ave O			
Fax #: 575-394-1048		City: Evansville, IN			
Project #: 101		State: IN			
Project Name: Raz Clean Up		Phone #: 575-399-2457			
Project Location: Ys St. #1		Fax #: 575-394-1048			
Sample Name: David Robinson					


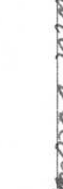
FOR LAB USE ONLY		LABORATORY USE ONLY					
Lab I.D. # 4900488	Sample I.D.	(G)RAB OR (C)OMP.	DATE	TIME	BTEx	TPH	CL
		# CONTAINERS					
		GROUNDWATER					
		WASTEWATER					
		SOIL					
		OIL					
		SLUDGE					
		OTHER :					
		ACID/BASE:					
		ICE / COOL					
		OTHER :					

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 analysis. 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 interruption, 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: [Signature] Date: 8-7-19 Time: 15:15	Received By: [Signature] Date: 8-7-19 Time: 15:15
Delivered By: (Circle One) Sample - UPS - Bus - Other: Other	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Checked By: [Signature]
REMARKS: melancon. jacob @ yahoo.com	



Sample 1-2-3-4-BG
4' 4' 4' 4' 4'

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Razz Oil And Gas L.L.C Project Manager: Ben Thompson Address: P.O. Box 1180 City: Eunice State: NM Zip: 88231 Phone #: 575-394-1046 Fax #: 575-394-1048 Project #: 10 State #1 Project Owner: Ben Thompson Project Name: 10 State #1 SWD Release Project Location: East Side Pinar Sample Name:				P.O. #: Company: Razz Oil And Gas Attn: Ben Address: P.O. Box 1180 City: Eunice State: NM Zip: 88231 Phone #: 575-394-2457 Fax #: 575-394-1048				BILL TO				ANALYSIS REQUEST			
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: 6-24-19 Time: 13:50 Received By:  Date: 6-24-19 Time: 10:40				FOR LAB USE ONLY Lab I.D. Sample I.D. SP1 @ 4' SP2 @ 4' SP3 @ 4' SP4 @ 4' B @ 4'				(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE TIME				MATRIX PRESERV SAMPLING BTEX CL TPH			
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 5.3 @ #97				Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				CHECKED BY: (Initials) TP.							
REMARKS: Razz Oil And Gas @ Gmail . Com Ben Thompson															



8/27/2019

BILL TO

RAZ OIL & GAS
BEN THOMPSON
P. O. BOX 1180
EUNICE, NM 88231

INVOICE NO. : H902955

LAB NUMBER: H902955
DESCRIPTION: YOST. #1
NO. SAMPLES: 2
LOG IN DATE: 8/27/2019

TERMS: DUE UPON RECEIPT
P.O. NO. : NONE GIVEN

QUANTITY	DESCRIPTION	PER SAMPLE	TOTAL
2	CHLORIDES IN SOIL	25.00	50.00

SUBTOTAL : \$50.00

SALES TAX : (6.8125%) \$3.41

PLEASE PAY THIS AMOUNT : \$53.41

If you would like to pay with a credit card or have any questions please call or email Jodi.
jodi.henson@cardinallabsnm.com

THANK YOU FOR YOUR BUSINESS!

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

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Coley D. Keene

Coley D. Keene, Lab Director/Quality Manager

Sample 2 - 3'



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

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 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	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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CELEY D. KEENE

CELEY D. KEENE, Lab Director/Quality Manager

Sample 3 - 3'

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 BTX	<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

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: 06/24/2019
 Reported: 06/27/2019
 Project Name: YO STATE #1 SWD RELEASE
 Project Number: YO STATE #1
 Project Location: EAST SIDE PASTURE

Sampling Date: 06/24/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 @ 4' (H902157-01)

BTEX 8021B			mg/kg		Analyzed By: BF				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2019	ND	1.87	93.3	2.00	12.4	
Toluene*	<0.050	0.050	06/25/2019	ND	1.86	93.2	2.00	4.22	
Ethylbenzene*	<0.050	0.050	06/25/2019	ND	1.80	90.1	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/25/2019	ND	5.47	91.2	6.00	3.92	
Total BTEX	<0.300	0.300	06/25/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 107 % 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	208	16.0	06/26/2019	ND	416	104	400	0.00	

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	06/25/2019	ND	193	96.7	200	3.59	
DRO >C10-C28*	<10.0	10.0	06/25/2019	ND	194	97.2	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	06/25/2019	ND					


Surrogate: 1-Chlorooctane 89.3 % 41-142

Surrogate: 1-Chlorooctadecane 98.2 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

Sample 2-41.1

Analytical Results For:

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

Received: 06/24/2019
Reported: 06/27/2019
Project Name: YO STATE #1 SWD RELEASE
Project Number: YO STATE #1
Project Location: EAST SIDE PASTURE

Sampling Date: 06/24/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP 2 @ 4' (H902157-02)

BTEX 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2019	ND	1.87	93.3	2.00	12.4	
Toluene*	<0.050	0.050	06/25/2019	ND	1.86	93.2	2.00	4.22	
Ethylbenzene*	<0.050	0.050	06/25/2019	ND	1.80	90.1	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/25/2019	ND	5.47	91.2	6.00	3.92	
Total BTEX	<0.300	0.300	06/25/2019	ND					

Surrogate: 4-Bromofluorobenzene (PII) 106 % 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	384	16.0	06/26/2019	ND	416	104	400	0.00	

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	06/25/2019	ND	193	96.7	200	3.59	
DRO >C10-C28*	<10.0	10.0	06/25/2019	ND	194	97.2	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	06/25/2019	ND					

Surrogate: 1-Chlorooctane 88.4 % 41-142

Surrogate: 1-Chlorooctadecane 102 % 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: 06/24/2019
Reported: 06/27/2019
Project Name: YO STATE #1 SWD RELEASE
Project Number: YO STATE #1
Project Location: EAST SIDE PASTURE

Sampling Date: 06/24/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP 3 @ 4' (H902157-03)

BTEX 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2019	ND	1.87	93.3	2.00	12.4	
Toluene*	<0.050	0.050	06/25/2019	ND	1.86	93.2	2.00	4.22	
Ethylbenzene*	<0.050	0.050	06/25/2019	ND	1.80	90.1	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/25/2019	ND	5.47	91.2	6.00	3.92	
Total BTEX	<0.300	0.300	06/25/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 107 % 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	06/26/2019	ND	416	104	400	0.00	

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	06/25/2019	ND	193	96.7	200	3.59	
DRO >C10-C28*	<10.0	10.0	06/25/2019	ND	194	97.2	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	06/25/2019	ND					

Surrogate: 1-Chlorooctane 90.3 % 41-142

Surrogate: 1-Chlorooctadecane 95.5 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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Cevey D. Keene

Cevey 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: 06/24/2019
Reported: 06/27/2019
Project Name: YO STATE #1 SWD RELEASE
Project Number: YO STATE #1
Project Location: EAST SIDE PASTURE

Sampling Date: 06/24/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP 4 @ 4' (H902157-04)

BTEX 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2019	ND	1.87	93.3	2.00	12.4	
Toluene*	<0.050	0.050	06/25/2019	ND	1.86	93.2	2.00	4.22	
Ethylbenzene*	<0.050	0.050	06/25/2019	ND	1.80	90.1	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/25/2019	ND	5.47	91.2	6.00	3.92	
Total BTEX	<0.300	0.300	06/25/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 107 % 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	64.0	16.0	06/26/2019	ND	416	104	400	0.00	

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	06/25/2019	ND	193	96.7	200	3.59	
DRO >C10-C28*	<10.0	10.0	06/25/2019	ND	194	97.2	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	06/25/2019	ND					

Surrogate: 1-Chlorooctane 86.3 % 41-142

Surrogate: 1-Chlorooctadecane 93.7 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

Background - 4'

Analytical Results For:

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

Received: 06/24/2019
Reported: 06/27/2019
Project Name: YO STATE #1 SWD RELEASE
Project Number: YO STATE #1
Project Location: EAST SIDE PASTURE

Sampling Date: 06/24/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BG @ 4' (H902157-05)

BTEX 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2019	ND	1.87	93.3	2.00	12.4	
Toluene*	<0.050	0.050	06/25/2019	ND	1.86	93.2	2.00	4.22	
Ethylbenzene*	<0.050	0.050	06/25/2019	ND	1.80	90.1	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/25/2019	ND	5.47	91.2	6.00	3.92	
Total BTEX	<0.300	0.300	06/25/2019	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 105 % 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	32.0	16.0	06/26/2019	ND	416	104	400	0.00	

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	06/25/2019	ND	193	96.7	200	3.59	
DRO >C10-C28*	<10.0	10.0	06/25/2019	ND	194	97.2	200	4.40	
EXT DRO >C28-C36	<10.0	10.0	06/25/2019	ND					

Surrogate: 1-Chlorooctane 76.0 % 41-142

Surrogate: 1-Chlorooctadecane 81.3 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Analytical Results For:

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

Received: 10/01/2019
Reported: 10/02/2019
Project Name: YO STATE #1
Project Number: 1000
Project Location: NONE GIVEN

Sampling Date: 10/01/2019
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: S 5 4' (H903351-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	10/02/2019	ND	416	104	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager



SAMPLE - 6 - 41

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

Analytical Results For:

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

Received: 09/10/2019
Reported: 09/11/2019
Project Name: YO STATE #1
Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 09/10/2019
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: YO STATE SP 6 (H903122-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	09/11/2019	ND	432	108	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager

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

[illegible]



RAZ OIL AND GAS L.L.C.
YO STATE SWD WELL #001
660' FNL & 840' FWL
UNIT D, SEC.15-T21S-R35E
LEA COUNTY, NEW MEXICO
API #30-Q25-38162

SP1



SP1











SP4





BSK



SAMPLE POINT 4

SAMPLE POINT 6

SAMPLE POINT 3

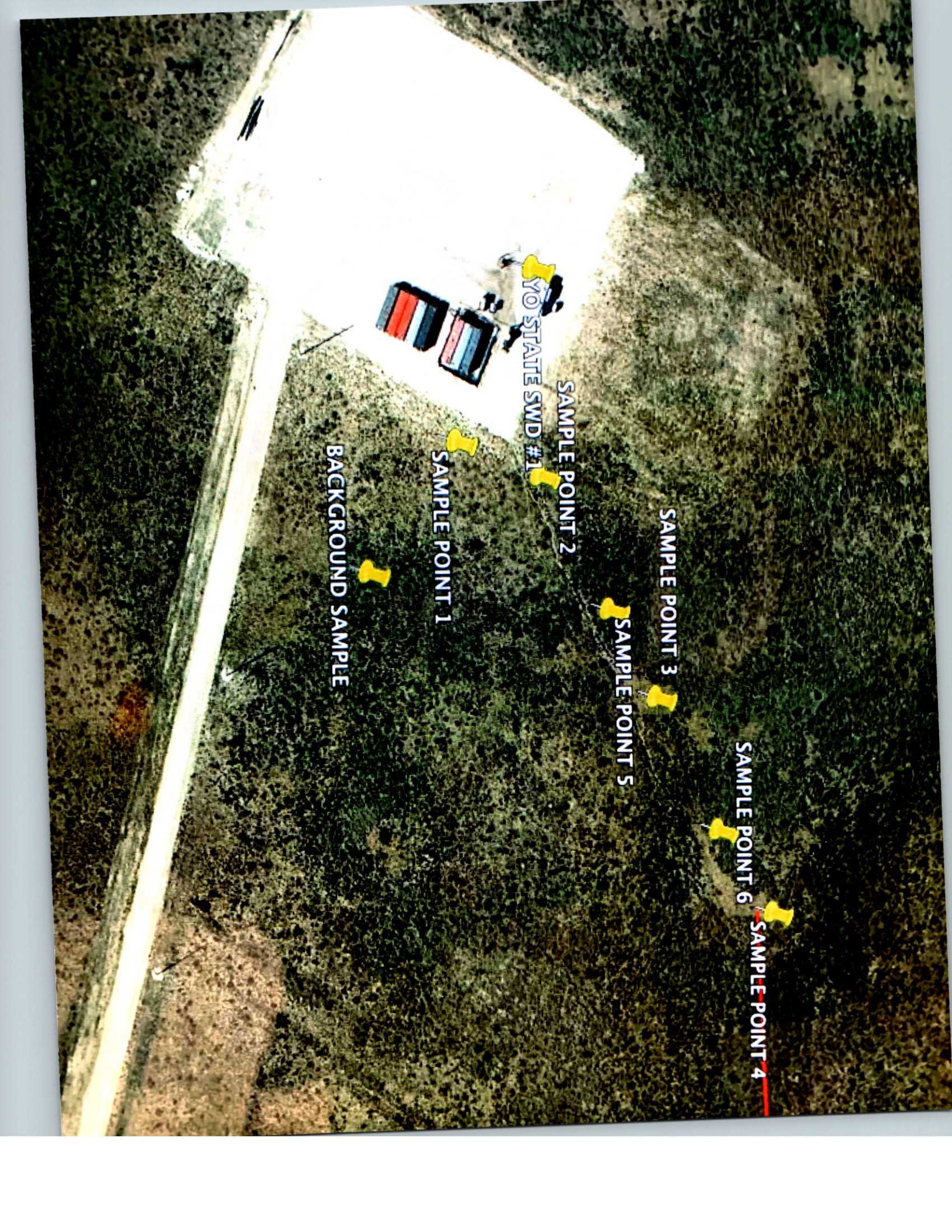
SAMPLE POINT 5

SAMPLE POINT 2

YO STATE SWD #1

SAMPLE POINT 1

BACKGROUND SAMPLE



SAMPLE POINT 4
SAMPLE POINT 3
SAMPLE POINT 2
SAMPLE POINT 6
YO STATE SWD #1
SAMPLE POINT 1
BACKGROUND SAMPLE

NEAREST WATER WELL DRILLED TO 2