

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	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	DJR Operating, LLC	OGRID	371838
Contact Name	Amy Archuleta	Contact Telephone	505-632-3476
Contact email	aarchuleta@djrlc.com	Incident # (assigned by OCD)	
Contact mailing address	1 Road 3263 Aztec, NM 87410	nCS1917731979	

Location of Release Source

Latitude 36.16366 Longitude -107.12872
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Bonanza 008	Site Type	Well
Date Release Discovered	06/07/2019	API# (if applicable)	30-043-20653 Lease: Jicarilla 360

Unit Letter	Section	Township	Range	County
K	2	22N	03W	Sandoval

Surface Owner: ☐ State ☐ Federal ☒ Tribal ☐ Private (Name: Jicarilla Apache)

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) <u>unknown</u>	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) 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

While inspecting sites for BGT removal, this pit was observed to be tipped over and storm water mixed with produced water ran into the hole the pit was located.

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

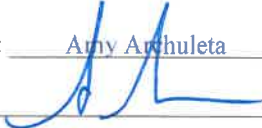
Closure

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: Amy Archuleta Title: Regulatory
 Signature:  Date: 07-25-2019
 email: aarchuleta@djrlc.com Telephone: 505-632-3476 x 201

OCD Only

Received by: OCD Date: 8/1/19

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: 8/12/19
 Printed Name: Cory Title: Environmental Specialist



Event Summary **Bonanza 008** 30-043-20653

On June 7, 2019 while out inspecting below grade tanks (BGTs) for removal, a tipped over BGT was discovered on the Bonanza 008 (30-043-20653). Notice was sent to Jicarilla EPO, Jicarilla Oil and Gas Administration, Bureau of Land Management, and New Mexico Oil Conservation Division. A crew was dispatched to clean up the location.

While visiting this site with Hobson Sandoval (Jicarilla EPO) and Orson Harrison (Jicarilla Oil and Gas Administration) it was found that what appeared to be hydrocarbon contaminated soil was found to be soil that appeared to have small amounts of asphalt, it was believed this soil was used to build the location. After further discussions, it was decided to stop excavating as this soil was not contaminated. EPO and JOGA did not require DJR to pull confirmation samples, but in the best interest of DJR, confirmation samples were taken with Orson Harrison and Hobson Sandoval present. The samples were pulled to the West of the BGT closest to the production tank on the base of the excavation only. Those samples came back as non-detect.

Further excavation was needed where the BGT was located. The total amount of soil excavated from this site was 215 yards. On July 11th, 2018 confirmation samples were pulled for the remaining area. These samples were witnessed by Hobson Sandoval. The final map will not show confirmation samples on the West wall because the wall did not exist.

The backfill soil was taken from an approved EPO and JOGA borrow pit. This location will have an above grade tank placed in the same position; no reclamation is needed at this time.

NMOCD Thresholds for Contaminated Soils:

Site Name:	Bonanza 008
API #:	30-043-20653
Lat/Long:	36.16366 -107.12872
Legal:	K - 2-T22N-R03W
Surface Owner:	Jicarilla Apache Nation
County:	Sandoval
Date:	6/20/2019

Depth To Groundwater Determination:

Cathodic Report/Hydrolog	None Available
Elevation Differential	90' higher - 7 miles to the south. Pullting ground water at 390'.
Water Wells	RG 38723
Cathodic Report Nearby W	None Available

Depth to Groundwater:		<50'	50-100'	>100'
		☐ Chec	☒ Chec	☐ Chec
Table I Action Levels	Benzene (mg/Kg)	10	10	10
	BTEX (mg/Kg)	50	50	50
	418.1 TPH (mg/Kg)	100	2500	2500
	8015 GRO +DRO (mg/Kg)	N/A	1000	1000
	Chlorides (mg/Kg)	600	10000	20000



New Mexico Office of the State Engineer Wells Without Well Log Information

(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)

POD Number	Code	POD Subbasin	County	Source	64	16	4	Sec	Tws	Rng	X	Y
RG 38723		MRG	SA	Artesian	4	2	1	10	21N	03W	306823	3993707*
RG 80504		PUR	SA		3	3	4	02	21N	03W	308539	3994003
RG 93858 POD1		MRG	SA		2	1	1	23	21N	03W	308039	3990646
SJ 00297 EXPL			SA		2	1	06		21N	03W		

Record Count: 4

PLSS Search:

Township: 21N **Range:** 03W

*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.

6/20/19 2:02 PM

WELLS WITHOUT WELL LOG INFORMATION



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	Code	Sub-basin	County	Q	Q	Q	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
RG 38723		MRG	SA	4	2	1	10	21N	03W	306823	3993707*	604	480	124

Average Depth to Water: 480 feet

Minimum Depth: 480 feet

Maximum Depth: 480 feet

Record Count: 1

PLSS Search:

Section(s): 10

Township: 21N

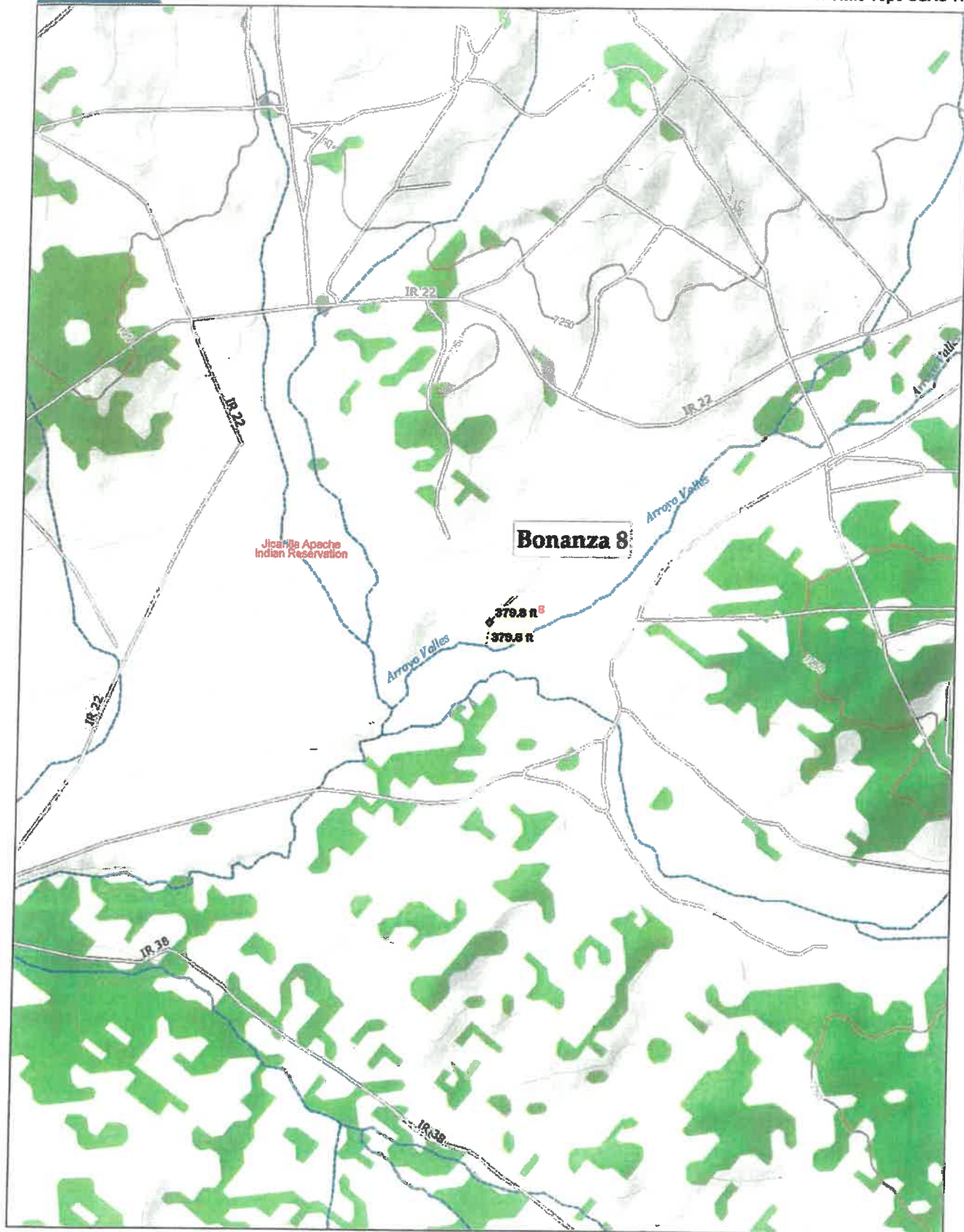
Range: 03W

*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.

6/20/19 1:20 PM

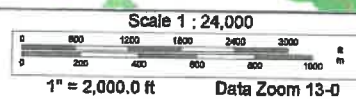
WATER COLUMN/ AVERAGE DEPTH TO
WATER

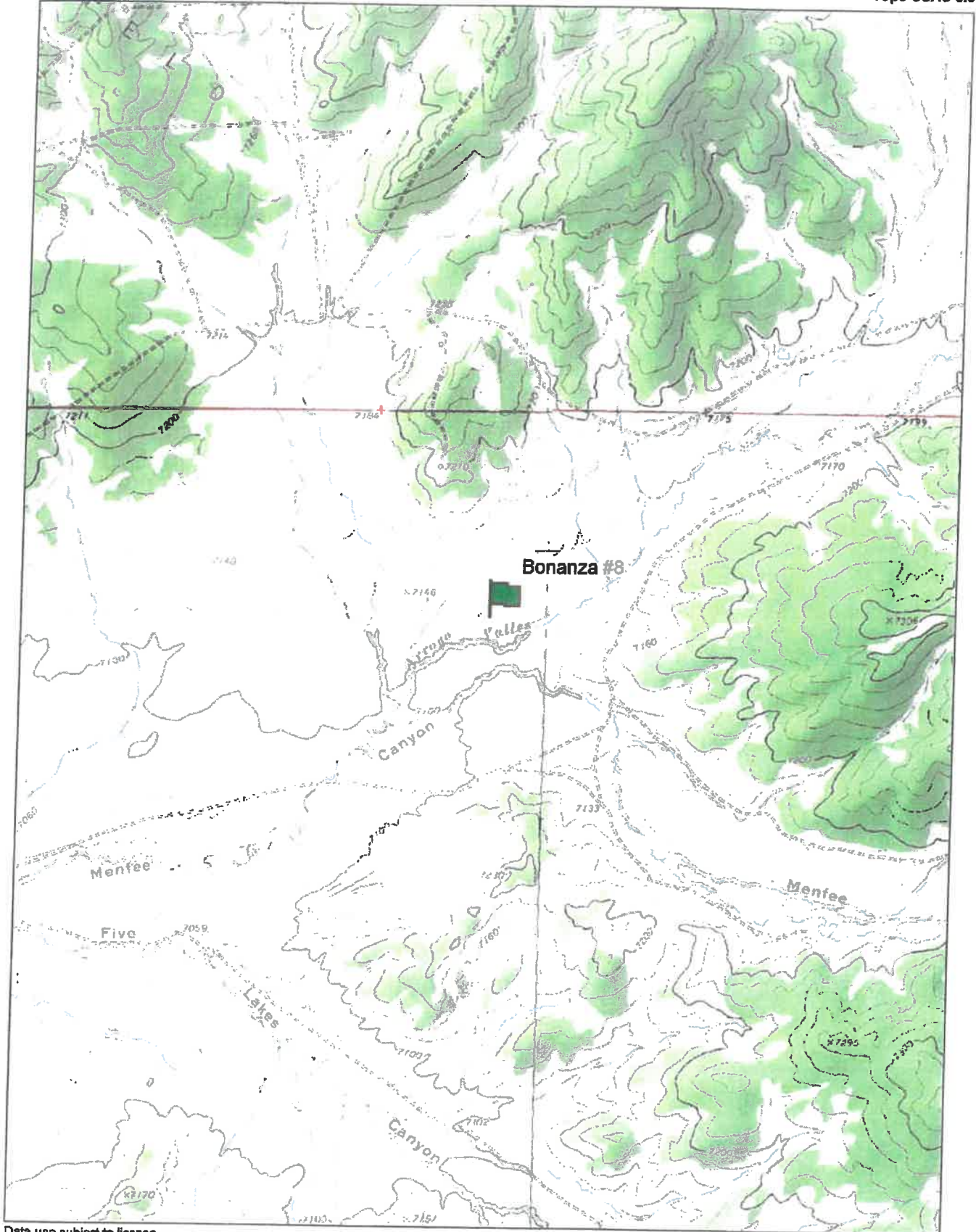


Data use subject to license.

© DeLorme, DeLorme Topo USA® 7.0.

www.delorme.com

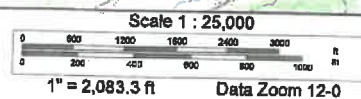


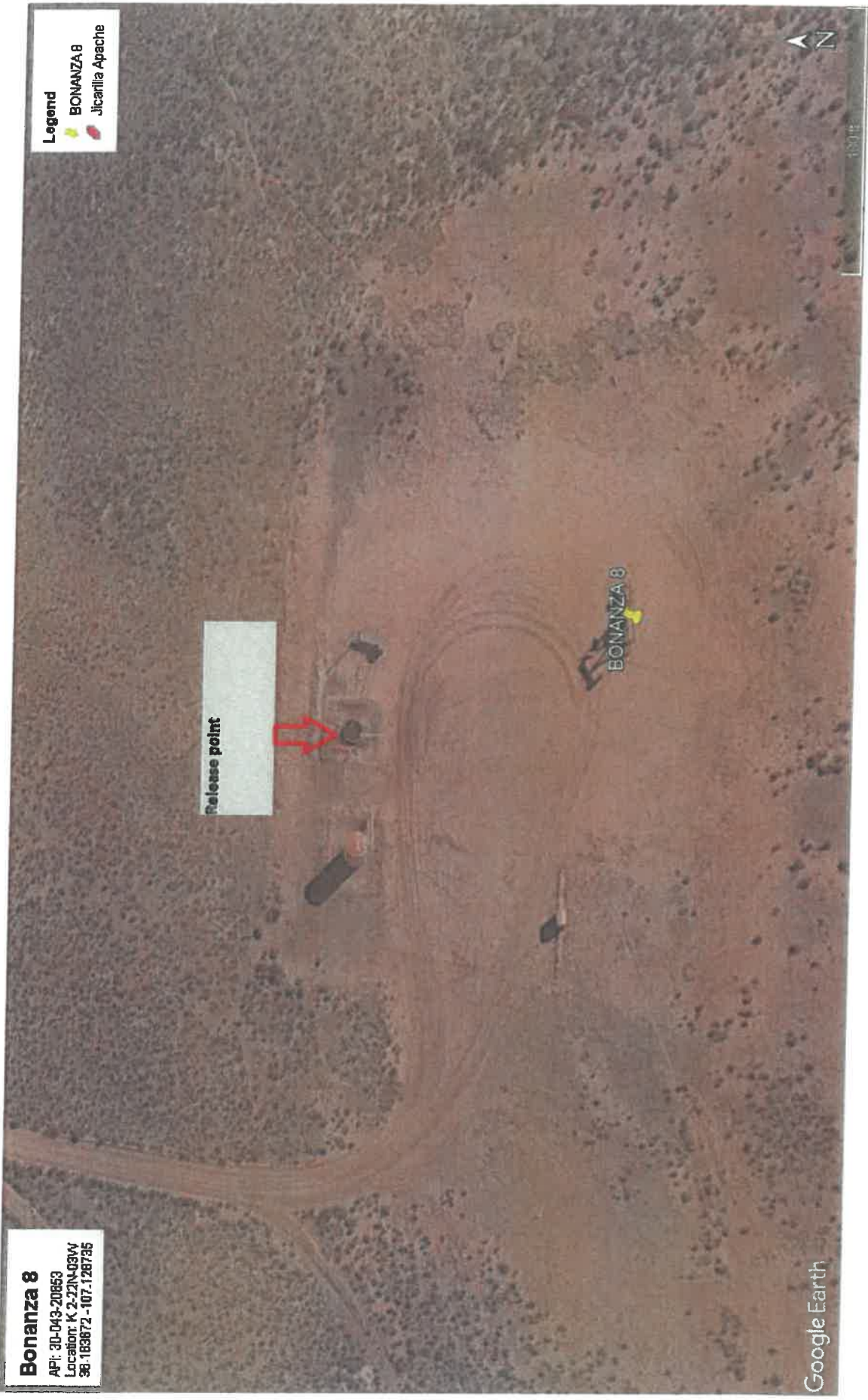


Data use subject to license.

© 2006 DeLorme. Topo USA® 6.0.

www.delorme.com





Bonanza 8

API: 3D-043-20853
Location: K 2-22N-Q3W
38-163672 - 107-128735

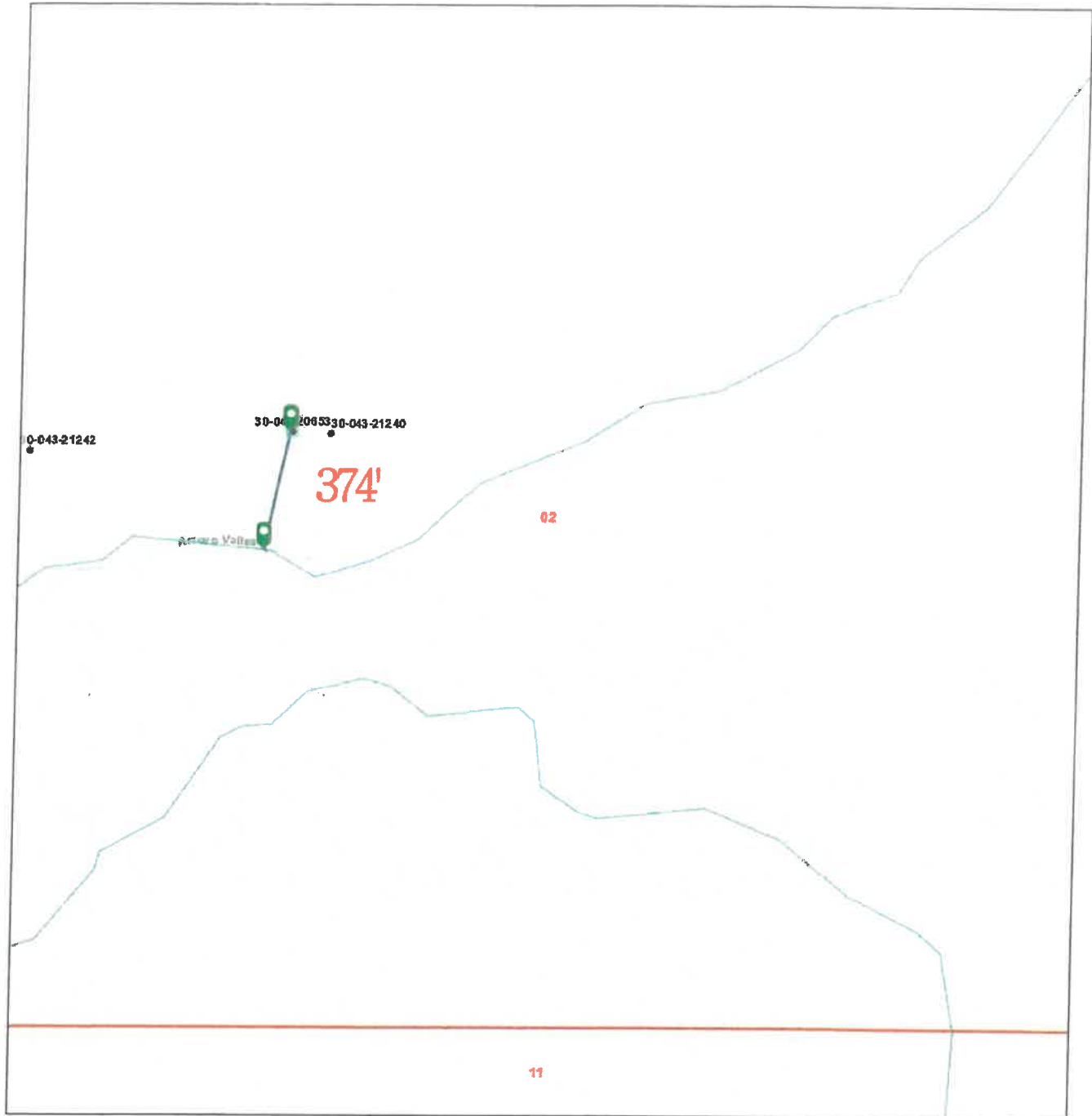
Legend

- BONANZA 8
- Jicarilla Apache

Google Earth

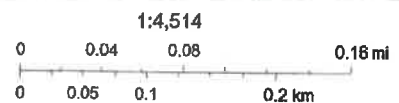
N

Bonanza 008

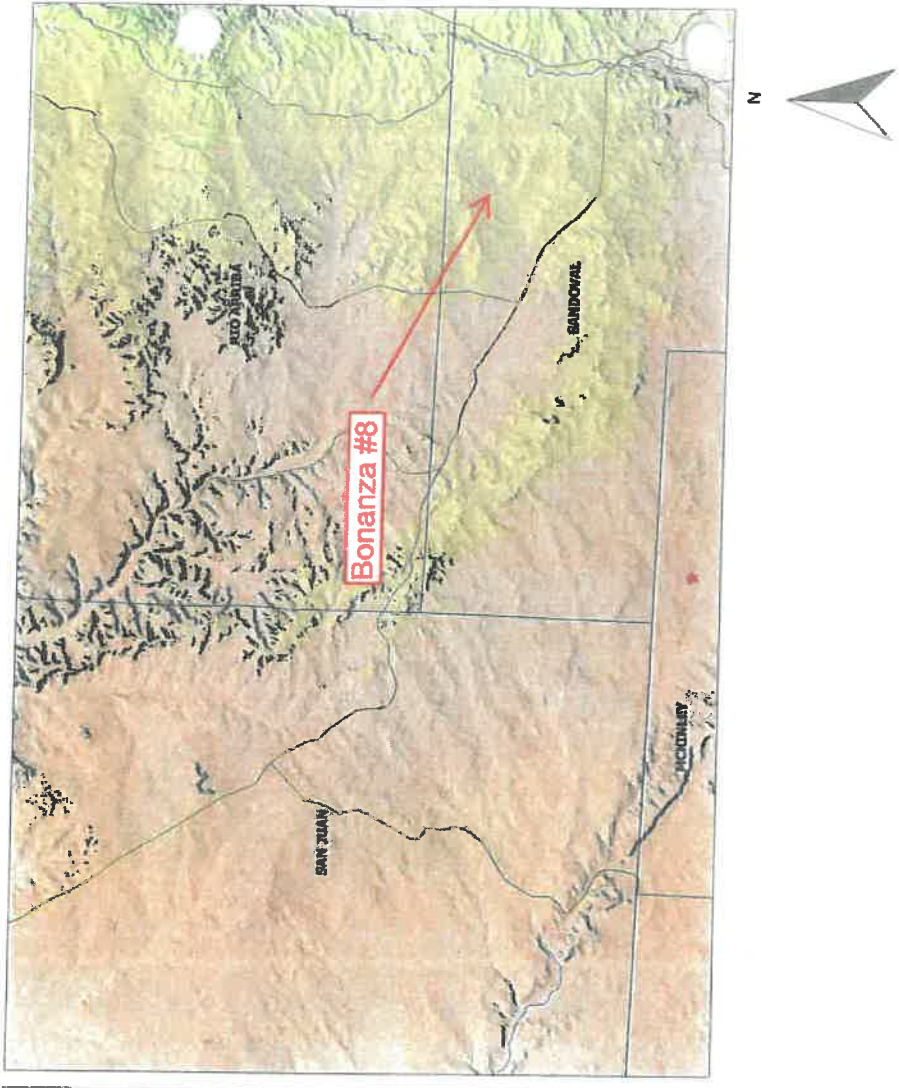


6/11/2019, 1:56:54 PM

- | | | |
|--|--|--|
| Well Locations - Small Scale
<ul style="list-style-type: none"> Active New Plugged Cancelled Temporarily Abandoned | <ul style="list-style-type: none"> Gas, Cancelled, Never Drilled Gas, New Gas, Plugged Gas, Temporarily Abandoned Injection, Active Injection, Cancelled Injection, New Injection, Plugged Injection, Temporarily Abandoned | <ul style="list-style-type: none"> Oil, Temporarily Abandoned Salt Water Injection, Active Salt Water Injection, Cancelled Salt Water Injection, New Salt Water Injection, Plugged Salt Water Injection, Temporarily Abandoned |
| Well Locations - Large Scale
<ul style="list-style-type: none"> Miscellaneous CO2 Active CO2 Cancelled CO2 New CO2, Plugged CO2, Temporarily Abandoned Gas Active | <ul style="list-style-type: none"> Oil, Active Oil, Cancelled Oil, New Oil, Plugged | <ul style="list-style-type: none"> Water, Active Water, Cancelled Water, New Water, Plugged Water, Temporarily Abandoned |
| | <ul style="list-style-type: none"> OCD Districts OCD District Offices | |



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community, OCD,





New Mexico Office of the State Engineer **Point of Diversion With Meter Attached**

PLSS Search:

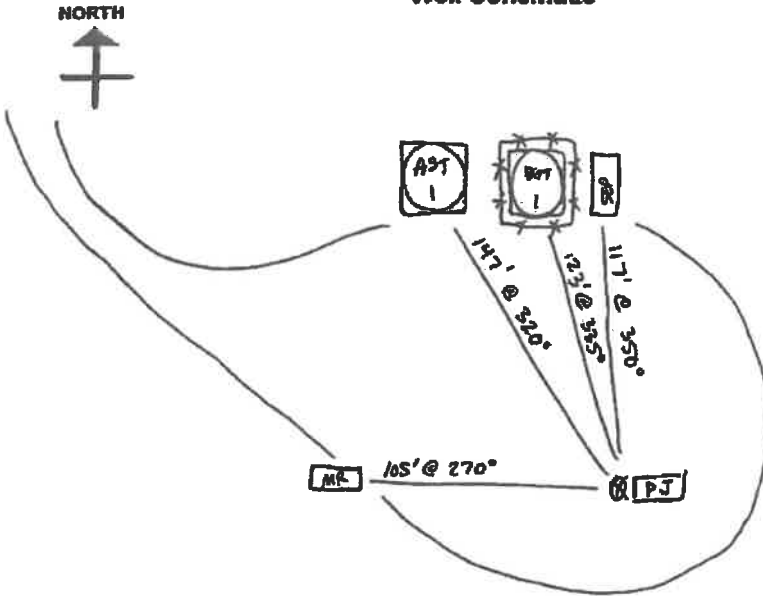
Q4: NE **Section(s):** 2 **Township:** 22N **Range:** 03W

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.

6/11/19 2:08 PM

POINT OF DIVERSION WITH METER ATTACHED

Well Schematic



Schematic Key:

Separator

SEP

Artificial Lift

AL

Condensate Tank

COND

Compressor

COM

Meter Run

METER RUN

Dehydrator

DEH

Well Head

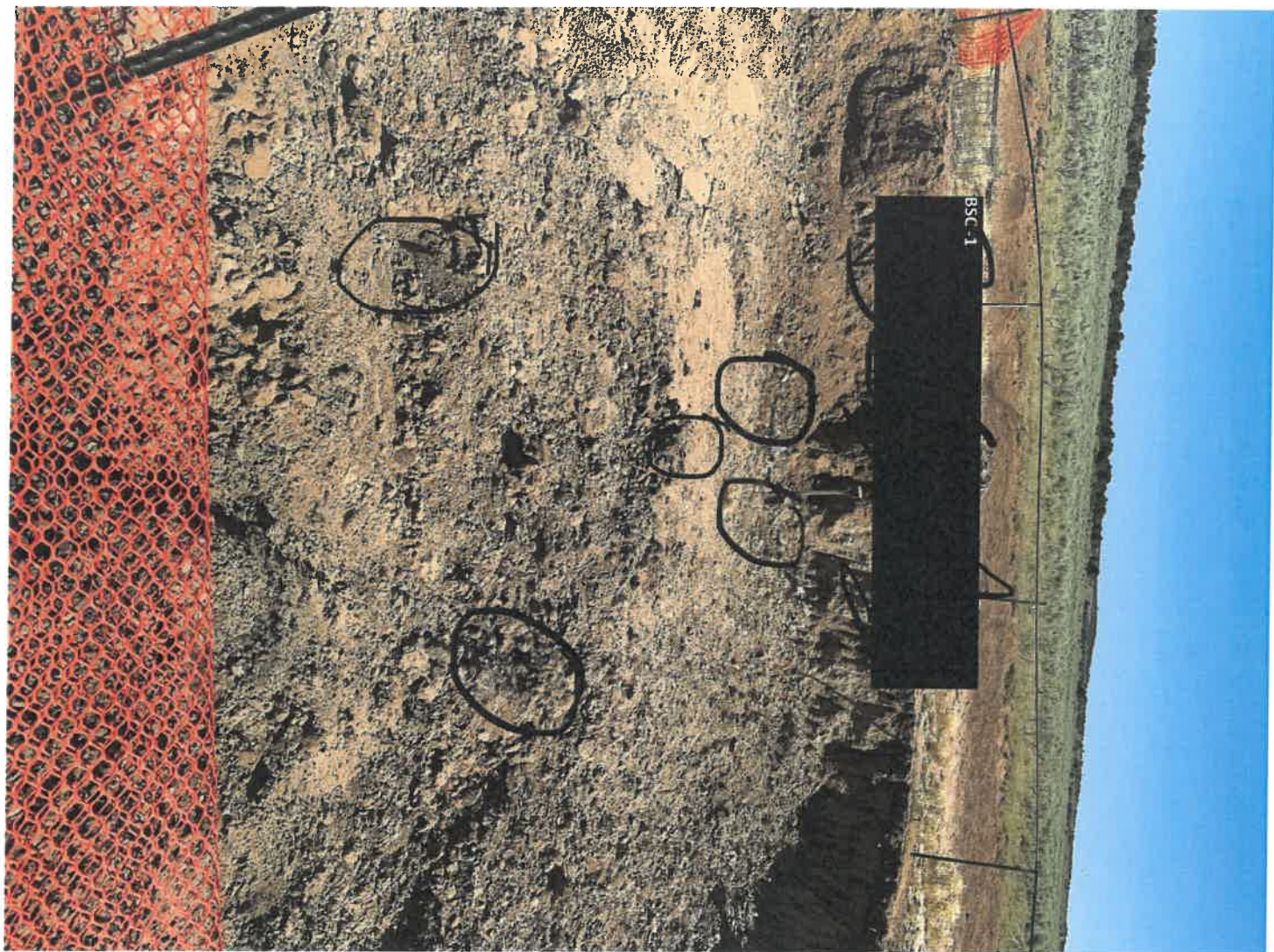
○

Water Tank

WATER

Measure any distance 1000ft or less of the following:

- From wellhead to any continuous flowing or significant water course. NA
- From below-grade tanks to any permanent residence, school, church, hospital, etc. NA

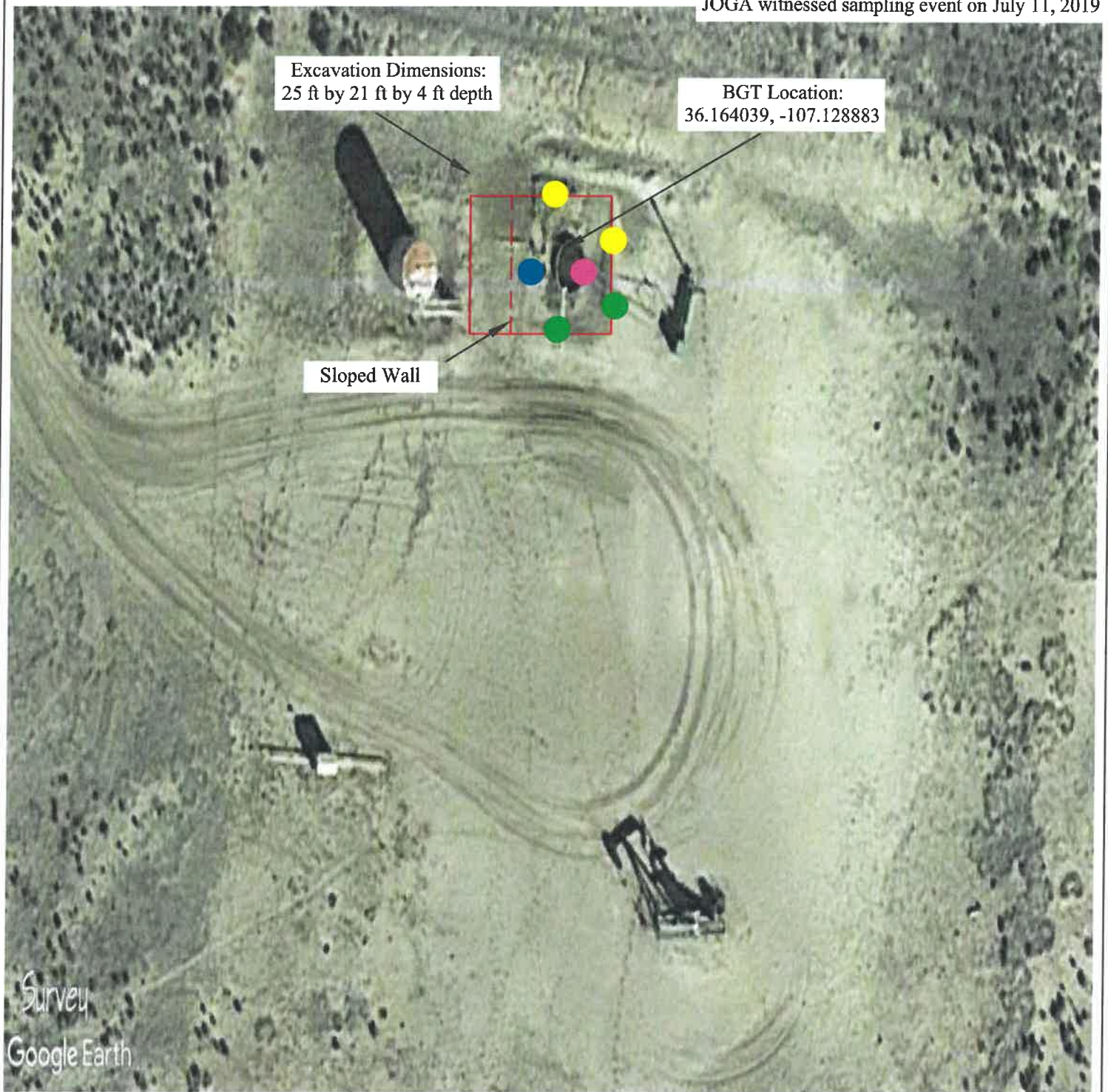




BCS-3







Legend

- - BSC 1
- - BSC 2
- - BSC 3
- - BSC 4
- - Excavation

All samples representative
of 5-point composites



MAP DRAWN BY:

BAH
7/19/2019

REVISIONS BY:

BAH
7/29/2019

APPROVED BY:

FRA
7/29/2019



Figure 2

Site Map

DJR Operating, LLC.
Bonanza 008 Well Site
API: 30-043-20653

Section 2, Township 22N, Range 3W
36.163660, -107.128720
Sandoval County, New Mexico
Project #17035-0103



5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615



Analytical Report

Report Summary

Client: DJR Operating, LLC

Samples Received: 7/11/2019

Job Number: 17035-0028

Work Order: P907031

Project Name/Location: Bonanza 8

Report Reviewed By:



Date: 7/17/19

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.
Envirotech, Inc, currently holds the appropriate and available Utah TNI certification NM009792018-1 for the data reported.

DJR Operating, LLC
 1 Rd 3263
 Aztec NM, 87410

 Project Name: Bonanza 8
 Project Number: 17035-0028
 Project Manager: Amy Archuleta

Reported:
 07/17/19 11:39

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BCS-1	P907031-01A	Soil	07/11/19	07/11/19	Glass Jar, 2 oz.
BCS-2	P907031-02A	Soil	07/11/19	07/11/19	Glass Jar, 2 oz.
BCS-3	P907031-03A	Soil	07/11/19	07/11/19	Glass Jar, 2 oz.
BCS-4	P907031-04A	Soil	07/11/19	07/11/19	Glass Jar, 2 oz.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

DJR Operating, LLC
 1 Rd 3263
 Aztec NM, 87410

 Project Name: Bonanza 8
 Project Number: 17035-0028
 Project Manager: Amy Archuleta

Reported:
 07/17/19 11:39

BCS-1
P907031-01 (Solid)

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1928041	07/12/19	07/15/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1928041	07/12/19	07/15/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1928041	07/12/19	07/15/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1928041	07/12/19	07/15/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1928041	07/12/19	07/15/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1928041	07/12/19	07/15/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		98.0 %		50-150	1928041	07/12/19	07/15/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1928040	07/12/19	07/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1928040	07/12/19	07/15/19	EPA 8015D	
Surrogate: n-Nonane		101 %		50-200	1928040	07/12/19	07/15/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1928041	07/12/19	07/15/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %		50-150	1928041	07/12/19	07/15/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1928046	07/12/19	07/12/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

DJR Operating, LLC
 1 Rd 3263
 Aztec NM, 87410

 Project Name: Bonanza 8
 Project Number: 17035-0028
 Project Manager: Amy Archuleta

Reported:
 07/17/19 11:39

BCS-2
P907031-02 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1928041	07/12/19	07/16/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1928041	07/12/19	07/16/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1928041	07/12/19	07/16/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1928041	07/12/19	07/16/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1928041	07/12/19	07/16/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1928041	07/12/19	07/16/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %		50-150	1928041	07/12/19	07/16/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1928040	07/12/19	07/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1928040	07/12/19	07/15/19	EPA 8015D	
Surrogate: n-Nonane		104 %		50-200	1928040	07/12/19	07/15/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1928041	07/12/19	07/16/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %		50-150	1928041	07/12/19	07/16/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1928046	07/12/19	07/12/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

DJR Operating, LLC
 1 Rd 3263
 Aztec NM, 87410

 Project Name: Bonanza 8
 Project Number: 17035-0028
 Project Manager: Amy Archuleta

Reported:
 07/17/19 11:39

BCS-3
P907031-03 (Solid)

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1928041	07/12/19	07/16/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1928041	07/12/19	07/16/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1928041	07/12/19	07/16/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1928041	07/12/19	07/16/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1928041	07/12/19	07/16/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1928041	07/12/19	07/16/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		97.9 %		50-150	1928041	07/12/19	07/16/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1928040	07/12/19	07/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1928040	07/12/19	07/15/19	EPA 8015D	
Surrogate: n-Nonane		102 %		50-200	1928040	07/12/19	07/15/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1928041	07/12/19	07/16/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %		50-150	1928041	07/12/19	07/16/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1928046	07/12/19	07/12/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

DJR Operating, LLC
 1 Rd 3263
 Aztec NM, 87410

 Project Name: Bonanza 8
 Project Number: 17035-0028
 Project Manager: Amy Archuleta

Reported:
 07/17/19 11:39

BCS-4
P907031-04 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1928041	07/12/19	07/16/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1928041	07/12/19	07/16/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1928041	07/12/19	07/16/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1928041	07/12/19	07/16/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1928041	07/12/19	07/16/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1928041	07/12/19	07/16/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %		50-150	1928041	07/12/19	07/16/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1928040	07/12/19	07/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1928040	07/12/19	07/15/19	EPA 8015D	
Surrogate: n-Nonane		105 %		50-200	1928040	07/12/19	07/15/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1928041	07/12/19	07/16/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		103 %		50-150	1928041	07/12/19	07/16/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1928046	07/12/19	07/12/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

DJR Operating, LLC
 1 Rd 3263
 Aztec NM, 87410

 Project Name: Bonanza 8
 Project Number: 17035-0028
 Project Manager: Amy Archuleta

 Reported:
 07/17/19 11:39

Volatile Organics by EPA 8021 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1928041 - Purge and Trap EPA 5030A
Blank (1928041-BLK1)

Prepared: 07/12/19 1 Analyzed: 07/15/19 1

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
Surrogate: 4-Bromochlorobenzene-PID	7.61		"	8.00		95.1	50-150			

LCS (1928041-BS1)

Prepared: 07/12/19 1 Analyzed: 07/15/19 1

Benzene	4.49	0.0250	mg/kg	5.00		89.7	70-130			
Toluene	4.86	0.0250	"	5.00		97.2	70-130			
Ethylbenzene	4.83	0.0250	"	5.00		96.6	70-130			
p,m-Xylene	9.95	0.0500	"	10.0		99.5	70-130			
o-Xylene	4.82	0.0250	"	5.00		96.4	70-130			
Total Xylenes	14.8	0.0250	"	15.0		98.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.68		"	8.00		96.0	50-150			

Matrix Spike (1928041-MS1)

Source: P907029-01

Prepared: 07/12/19 1 Analyzed: 07/15/19 1

Benzene	4.56	0.0250	mg/kg	5.00	ND	91.2	54.3-133			
Toluene	4.93	0.0250	"	5.00	ND	98.7	61.4-130			
Ethylbenzene	4.89	0.0250	"	5.00	ND	97.7	61.4-133			
p,m-Xylene	10.0	0.0500	"	10.0	ND	100	63.3-131			
o-Xylene	4.86	0.0250	"	5.00	ND	97.2	63.3-131			
Total Xylenes	14.9	0.0250	"	15.0	ND	99.4	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	7.68		"	8.00		96.0	50-150			

Matrix Spike Dup (1928041-MSD1)

Source: P907029-01

Prepared: 07/12/19 1 Analyzed: 07/15/19 1

Benzene	4.22	0.0250	mg/kg	5.00	ND	84.4	54.3-133	7.75	20	
Toluene	4.57	0.0250	"	5.00	ND	91.4	61.4-130	7.64	20	
Ethylbenzene	4.55	0.0250	"	5.00	ND	90.9	61.4-133	7.21	20	
p,m-Xylene	9.35	0.0500	"	10.0	ND	93.5	63.3-131	7.09	20	
o-Xylene	4.53	0.0250	"	5.00	ND	90.6	63.3-131	7.09	20	
Total Xylenes	13.9	0.0250	"	15.0	ND	92.6	63.3-131	7.09	20	
Surrogate: 4-Bromochlorobenzene-PID	7.81		"	8.00		97.6	50-150			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

DJR Operating, LLC
 1 Rd 3263
 Aztec NM, 87410

 Project Name: Bonanza 8
 Project Number: 17035-0028
 Project Manager: Amy Archuleta

 Reported:
 07/17/19 11:39

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1928040 - DRO Extraction EPA 3570
Blank (1928040-BLK1)

Prepared: 07/12/19 0 Analyzed: 07/15/19 1

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	54.9		"	50.0		110	50-200			

LCS (1928040-BS1)

Prepared: 07/12/19 0 Analyzed: 07/15/19 1

Diesel Range Organics (C10-C28)	486	25.0	mg/kg	500		97.3	38-132			
Surrogate: n-Nonane	50.7		"	50.0		101	50-200			

Matrix Spike (1928040-MS1)

Source: P907029-01

Prepared: 07/12/19 0 Analyzed: 07/15/19 1

Diesel Range Organics (C10-C28)	530	25.0	mg/kg	500	40.4	98.0	38-132			
Surrogate: n-Nonane	50.5		"	50.0		101	50-200			

Matrix Spike Dup (1928040-MSD1)

Source: P907029-01

Prepared: 07/12/19 0 Analyzed: 07/15/19 1

Diesel Range Organics (C10-C28)	534	25.0	mg/kg	500	40.4	98.7	38-132	0.660	20	
Surrogate: n-Nonane	50.7		"	50.0		101	50-200			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

DJR Operating, LLC
 1 Rd 3263
 Aztec NM, 87410

 Project Name: Bonanza 8
 Project Number: 17035-0028
 Project Manager: Amy Archuleta

 Reported:
 07/17/19 11:39

Nonhalogenated Organics by 8015 - GRO - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1928041 - Purge and Trap EPA 5030A
Blank (1928041-BLK1)

Prepared: 07/12/19 1 Analyzed: 07/15/19 1

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.25		"	8.00		103	50-150			

LCS (1928041-BS2)

Prepared: 07/12/19 1 Analyzed: 07/15/19 1

Gasoline Range Organics (C6-C10)	54.9	20.0	mg/kg	50.0		110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.25		"	8.00		103	50-150			

Matrix Spike (1928041-MS2)

Source: P907029-01

Prepared: 07/12/19 1 Analyzed: 07/15/19 1

Gasoline Range Organics (C6-C10)	56.1	20.0	mg/kg	50.0	ND	112	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.37		"	8.00		105	50-150			

Matrix Spike Dup (1928041-MSD2)

Source: P907029-01

Prepared: 07/12/19 1 Analyzed: 07/15/19 2

Gasoline Range Organics (C6-C10)	55.6	20.0	mg/kg	50.0	ND	111	70-130	0.996	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.24		"	8.00		103	50-150			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

DJR Operating, LLC
 1 Rd 3263
 Aztec NM, 87410

 Project Name: Bonanza 8
 Project Number: 17035-0028
 Project Manager: Amy Archuleta

Reported:
 07/17/19 11:39

Anions by 300.0/9056A - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1928046 - Anion Extraction EPA 300.0/9056A										
Blank (1928046-BLK1)				Prepared & Analyzed: 07/12/19 1						
Chloride	ND	20.0	mg/kg							
LCS (1928046-BS1)				Prepared & Analyzed: 07/12/19 1						
Chloride	267	20.0	mg/kg	250		107	90-110			
Matrix Spike (1928046-MS1)				Source: P907029-01 Prepared & Analyzed: 07/12/19 1						
Chloride	594	20.0	mg/kg	250	329	106	80-120			
Matrix Spike Dup (1928046-MSD1)				Source: P907029-01 Prepared & Analyzed: 07/12/19 1						
Chloride	587	20.0	mg/kg	250	329	103	80-120	1.27	20	

QC Summary Report
Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

DJR Operating, LLC
1 Rd 3263
Aztec NM, 87410

Project Name: Bonanza 8
Project Number: 17035-0028
Project Manager: Amy Archuleta

Reported:
07/17/19 11:39

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
RPD Relative Percent Difference
** Methods marked with ** are non-accredited methods.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Project Information

Chain of Custody

Client: DSC Operating LLC Project: Borens 8 Project Manager: Amy Archuleta Address: 1 Good Street City, State, Zip: Aztec NM 87410 Phone: 505-682-5476 Email: garchuleta@dylk.com				Report Attention Report due by: 7-17-19 Attention: Amy Archuleta Address: City, State, Zip: Phone: Email:				Lab Use Only Lab WO# P907031 Job Number 17035-0028 Analysis and Method VOC by 8260 BTEX by 8021 GRO/DRO by 8015 GRO/DRO by 8015 Metals 6010 Chloride 300.0				EPA Program TAT 1D 3D RCRA CWA SDWA NM CO UT AZ State Remarks									
Time Sampled	Date	Matrix	No Containers	Sample ID	Lab Number																
10:00	7/11/19	S	1	BCS-1	1	X	X	X													
10:00	7/11/19	S	1	BCS-2	2	X	X	X													
10:00	7/11/19	S	1	BCS-3	3	X	X	X													
10:00	7/11/19	S	1	BCS-4	4	X	X	X													
Additional Instructions: P.O. AA-EH-L-Borens 8 I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Amy Archuleta																					
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only		Received on ice:		T1		T2		T3	
[Signature]		7/11/19		1:00 PM		[Signature]		7/11/19		1:00 PM		Y N		T1		T2		T3			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C									
[Signature]		7/11/19		1:00 PM		[Signature]		7/11/19		1:00 PM		4									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					



** Samples not required by EPD or JOGAP*
** No Map Available*

Analytical Report

Report Summary

Client: DJR Operating, LLC

Samples Received: 6/25/2019

Job Number: 17035-0028

Work Order: P906110

Project Name/Location: Bonanza 8

Report Reviewed By:

Date: 6/28/19

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
Statement of Data Authenticity: Envirotech, Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.
Envirotech, Inc. currently holds the appropriate and available Utah TNI certification NM009792018-1 for the data reported.



DJR Operating, LLC
1 Rd 3263
Aztec NM, 87410

Project Name: Bonanza 8
Project Number: 17035-0028
Project Manager: Amy Archuleta

Reported:
06/28/19 13:20

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Bonanza 8 South	P906110-01A	Soil	06/25/19	06/25/19	Glass Jar, 2 oz.
Bonanza 8 North	P906110-02A	Soil	06/25/19	06/25/19	Glass Jar, 2 oz.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

DJR Operating, LLC	Project Name:	Bonanza 8	Reported: 06/28/19 13:20
1 Rd 3263	Project Number:	17035-0028	
Aztec NM, 87410	Project Manager:	Amy Archuleta	

**Bonanza 8 South
P906110-01 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-------	-------	----------	-------	----------	----------	--------	-------

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1926019	06/26/19	06/27/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1926019	06/26/19	06/27/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1926019	06/26/19	06/27/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1926019	06/26/19	06/27/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1926019	06/26/19	06/27/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1926019	06/26/19	06/27/19	EPA 8021B	

Surrogate: 4-Bromochlorobenzene-PID 93.0 % 50-150 1926019 06/26/19 06/27/19 EPA 8021B

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1926018	06/26/19	06/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1926018	06/26/19	06/27/19	EPA 8015D	

Surrogate: n-Nonane 104 % 50-200 1926018 06/26/19 06/27/19 EPA 8015D

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1926019	06/26/19	06/27/19	EPA 8015D	
----------------------------------	----	------	-------	---	---------	----------	----------	-----------	--

Surrogate: 1-Chloro-4-fluorobenzene-FID 99.6 % 50-150 1926019 06/26/19 06/27/19 EPA 8015D

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1926020	06/26/19	06/26/19	EPA 300.0/9056A	
----------	----	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



DJR Operating, LLC	Project Name:	Bonanza 8	Reported: 06/28/19 13:20
1 Rd 3263	Project Number:	17035-0028	
Aztec NM, 87410	Project Manager:	Amy Archuleta	

**Bonanza 8 North
P906110-02 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-------	-------	----------	-------	----------	----------	--------	-------

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1926019	06/26/19	06/27/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1926019	06/26/19	06/27/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1926019	06/26/19	06/27/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1926019	06/26/19	06/27/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1926019	06/26/19	06/27/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1926019	06/26/19	06/27/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		93.0 %		50-150	1926019	06/26/19	06/27/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1926018	06/26/19	06/27/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1926018	06/26/19	06/27/19	EPA 8015D	
Surrogate: n-Nonane		111 %		50-200	1926018	06/26/19	06/27/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1926019	06/26/19	06/27/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %		50-150	1926019	06/26/19	06/27/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1926020	06/26/19	06/26/19	EPA 300.0/9056A	
----------	----	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



DJR Operating, LLC	Project Name:	Bonanza 8	Reported: 06/28/19 13:20
1 Rd 3263	Project Number:	17035-0028	
Aztec NM, 87410	Project Manager:	Amy Archuleta	

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1926019 - Purge and Trap EPA 5030A

Blank (1926019-BLK1)

Prepared: 06/26/19 1 Analyzed: 06/27/19 0

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							

Surrogate: 4-Bromochlorobenzene-PID	7.79		"	8.00		97.3	50-150			
-------------------------------------	------	--	---	------	--	------	--------	--	--	--

LCS (1926019-BS1)

Prepared: 06/26/19 1 Analyzed: 06/27/19 0

Benzene	4.58	0.0250	mg/kg	5.00		91.5	70-130			
Toluene	4.94	0.0250	"	5.00		98.7	70-130			
Ethylbenzene	4.87	0.0250	"	5.00		97.3	70-130			
p,m-Xylene	10.0	0.0500	"	10.0		100	70-130			
o-Xylene	4.86	0.0250	"	5.00		97.2	70-130			
Total Xylenes	14.9	0.0250	"	15.0		99.1	70-130			

Surrogate: 4-Bromochlorobenzene-PID	7.77		"	8.00		97.1	50-150			
-------------------------------------	------	--	---	------	--	------	--------	--	--	--

Matrix Spike (1926019-MS1)

Source: P906112-01

Prepared: 06/26/19 1 Analyzed: 06/27/19 0

Benzene	4.36	0.0250	mg/kg	5.00	ND	87.2	54.3-133			
Toluene	4.74	0.0250	"	5.00	ND	94.9	61.4-130			
Ethylbenzene	4.66	0.0250	"	5.00	ND	93.2	61.4-133			
p,m-Xylene	9.60	0.0500	"	10.0	ND	96.0	63.3-131			
o-Xylene	4.66	0.0250	"	5.00	ND	93.2	63.3-131			
Total Xylenes	14.3	0.0250	"	15.0	ND	95.1	63.3-131			

Surrogate: 4-Bromochlorobenzene-PID	7.54		"	8.00		94.3	50-150			
-------------------------------------	------	--	---	------	--	------	--------	--	--	--

Matrix Spike Dup (1926019-MSD1)

Source: P906112-01

Prepared: 06/26/19 1 Analyzed: 06/27/19 0

Benzene	4.39	0.0250	mg/kg	5.00	ND	87.8	54.3-133	0.667	20	
Toluene	4.75	0.0250	"	5.00	ND	95.0	61.4-130	0.147	20	
Ethylbenzene	4.67	0.0250	"	5.00	ND	93.4	61.4-133	0.212	20	
p,m-Xylene	9.61	0.0500	"	10.0	ND	96.1	63.3-131	0.0833	20	
o-Xylene	4.67	0.0250	"	5.00	ND	93.4	63.3-131	0.179	20	
Total Xylenes	14.3	0.0250	"	15.0	ND	95.2	63.3-131	0.115	20	

Surrogate: 4-Bromochlorobenzene-PID	7.53		"	8.00		94.2	50-150			
-------------------------------------	------	--	---	------	--	------	--------	--	--	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

24 Hour Emergency Response Phone (800) 362-1879

envirotech-inc.com

Labadmin@envirotech-inc.com

Page 5 of 10



DJR Operating, LLC	Project Name:	Bonanza 8	Reported: 06/28/19 13:20
1 Rd 3263	Project Number:	17035-0028	
Aztec NM, 87410	Project Manager:	Amy Archuleta	

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1926018 - DRO Extraction EPA 3570										
Blank (1926018-BLK1)				Prepared: 06/26/19 0 Analyzed: 06/26/19 1						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	91.5		"	50.0		183	50-200			
LCS (1926018-BS1)				Prepared: 06/26/19 0 Analyzed: 06/26/19 1						
Diesel Range Organics (C10-C28)	510	25.0	mg/kg	500		102	38-132			
Surrogate: n-Nonane	60.1		"	50.0		120	50-200			
Matrix Spike (1926018-MS1)				Source: P906103-01		Prepared: 06/26/19 0 Analyzed: 06/26/19 1				
Diesel Range Organics (C10-C28)	1960	250	mg/kg	500	1160	160	38-132			SPK1
Surrogate: n-Nonane	65.9		"	50.0		132	50-200			
Matrix Spike Dup (1926018-MSD1)				Source: P906103-01		Prepared: 06/26/19 0 Analyzed: 06/26/19 2				
Diesel Range Organics (C10-C28)	1860	250	mg/kg	500	1160	141	38-132	5.06	20	SPK1
Surrogate: n-Nonane	65.9		"	50.0		132	50-200			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



DJR Operating, LLC	Project Name: Bonanza 8	
1 Rd 3263	Project Number: 17035-0028	Reported:
Aztec NM, 87410	Project Manager: Amy Archuleta	06/28/19 13:20

Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1926019 - Purge and Trap EPA 5030A

Blank (1926019-BLK1)

Prepared: 06/26/19 1 Analyzed: 06/27/19 0

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.93		"	8.00		99.1	50-150			

LCS (1926019-BS2)

Prepared: 06/26/19 1 Analyzed: 06/27/19 0

Gasoline Range Organics (C6-C10)	50.4	20.0	mg/kg	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.97		"	8.00		99.7	50-150			

Matrix Spike (1926019-MS2)

Source: P906112-01

Prepared: 06/26/19 1 Analyzed: 06/27/19 1

Gasoline Range Organics (C6-C10)	48.9	20.0	mg/kg	50.0	ND	97.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.23		"	8.00		103	50-150			

Matrix Spike Dup (1926019-MSD2)

Source: P906112-01

Prepared: 06/26/19 1 Analyzed: 06/27/19 0

Gasoline Range Organics (C6-C10)	48.4	20.0	mg/kg	50.0	ND	96.8	70-130	1.02	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.06		"	8.00		101	50-150			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



DJR Operating, LLC	Project Name:	Bonanza 8	Reported: 06/28/19 13:20
1 Rd 3263	Project Number:	17035-0028	
Aztec NM, 87410	Project Manager:	Amy Archuleta	

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1926020 - Anion Extraction EPA 300.0/9056A										
Blank (1926020-BLK1)				Prepared & Analyzed: 06/26/19 1						
Chloride	ND	20.0	mg/kg							
LCS (1926020-BS1)				Prepared & Analyzed: 06/26/19 1						
Chloride	255	20.0	mg/kg	250		102	90-110			
Matrix Spike (1926020-MS1)				Source: P906110-01 Prepared & Analyzed: 06/26/19 1						
Chloride	258	20.0	mg/kg	250	ND	103	80-120			
Matrix Spike Dup (1926020-MSD1)				Source: P906110-01 Prepared & Analyzed: 06/26/19 1						
Chloride	264	20.0	mg/kg	250	ND	106	80-120	2.51	20	

QC Summary Report

Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



DJR Operating, LLC
1 Rd 3263
Aztec NM, 87410

Project Name: Bonanza 8
Project Number: 17035-0028
Project Manager: Amy Archuleta

Reported:
06/28/19 13:20

Notes and Definitions

SPK1 The spike recovery is outside of quality control limits.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

** Methods marked with ** are non-accredited methods.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

