



APPROVED

Ojo Chiso Federal No. 003

WORK PLAN

Release Date: June 27, 2016

Unit Letter M, Section 26, Township 22 South, Range 34 East

API No. 30-025-30733

NMOCD Case #: Not Assigned

September 21, 2016

Prepared by:

Michael Burton, Environmental Operations Director
Environmental Department
Diversified Field Service, Inc.
206 W. Snyder
Hobbs, NM 88240
Phone: (575)964-8394
Fax: (575)393-8396

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Kristen Lynch
Environmental Protection Specialist
New Mexico Oil Conservation District
1625 N French Drive
Hobbs, NM 88240

RE: BTA Oil Producers, LLC – Ojo Chiso Federal #003 – Remediation Work Plan
UL/M, Section 26, T22S, R34E
API No. 30-025-30733
NMOCD Score: 0

Ms. Lynch,

BTA Oil Producers, LLC (BTA) has retained Diversified Environmental (DFSI) to address environmental issues for the site detailed herein.

The site is located south-southwest of Eunice, NM, in Lea County. The spill site resulted from a hole in the oil tank. A total of approximately five barrels of oil was released with none recovered. An initial C-141 was submitted to NMOCD on June 30, 2016 and (Appendix I).

Site Assessment

On June 28, 2016 DFSI personnel were on site to obtain samples within the leak area (Figure 1). Two samples were obtained and field sampled for chloride levels, as well as BTEX. The BTEX samples were performed using a Mini Rae Photoionization Detector (PID).

DFSI has conducted a groundwater study of the area and has determined, according to the New Mexico Office of the State Engineer, there is no known groundwater beneath this site (Appendix II).

Conclusion

After careful review DFSI, on behalf of BTA, would like to propose the following:

SP2 will be further delineated until NMOCD and BLM guidelines are met. A clean confirmation sample will be submitted for laboratory analysis.

In order to maintain tank integrity, the release area around SP1 and SP2 will be excavated to a depth of 2' bgs. The excavation will be backfill with clean, imported soil to ground surface and contoured to the surrounding area. Seeding of the site is not warranted. Due to safety hazards, the battery will be addressed at time of abandonment.

Following the approval of the above plan, DFSI will submit all proper closure documentation to the NMOCD and BLM in accordance to the State and Federal Guidelines set forth.

Please feel free to contact me with any questions concerning this remediation plan request.

Sincerely,



Michael Burton
Environmental Operations Director | Diversified Field Service, Inc.
206 West Snyder | Hobbs, NM 88240
Office: (575)964-8394 | Mobile: (575)390-5454
Fax: (575)964-8396 | Email: Mburton@diversifiedfsi.com

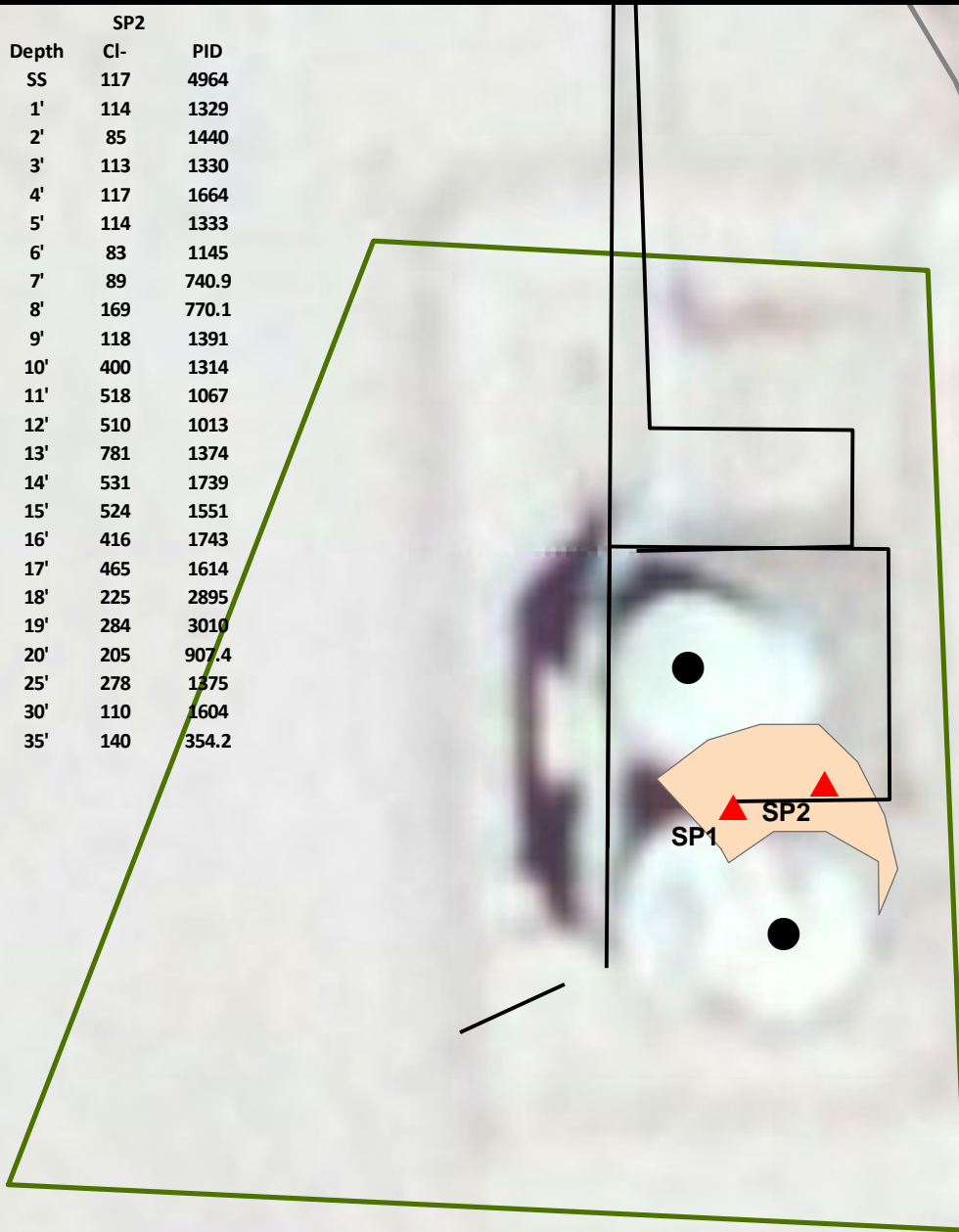
Cc: Shelly Tucker, BLM

Figures: Site Diagram
Proposed Work

Appendices: Initial C-141
Site Photos
Groundwater Study

Soil Delineation

SP1		SP2		PID
Depth	CI-	Depth	CI-	
SS	119	SS	117	4964
1'	89	1'	114	1329
2'	120	2'	85	1440
3'	141	3'	113	1330
4'	83	4'	117	1664
5'	86	5'	114	1333
6'	84	6'	83	1145
		7'	89	740.9
		8'	169	770.1
		9'	118	1391
		10'	400	1314
		11'	518	1067
		12'	510	1013
		13'	781	1374
		14'	531	1739
		15'	524	1551
		16'	416	1743
		17'	465	1614
		18'	225	2895
		19'	284	3010
		20'	205	907.4
		25'	278	1375
		30'	110	1604
		35'	140	354.2



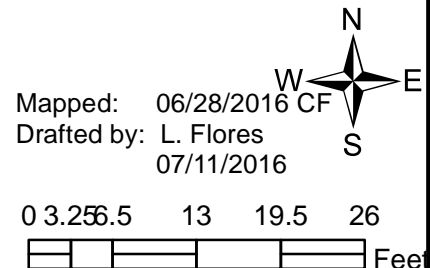
Legend

- ▲ Sample Points
- Tanks
- Above Ground Line
- Battery Containment
- Caliche Pad
- Oil and Produced Water (134 sq ft)

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

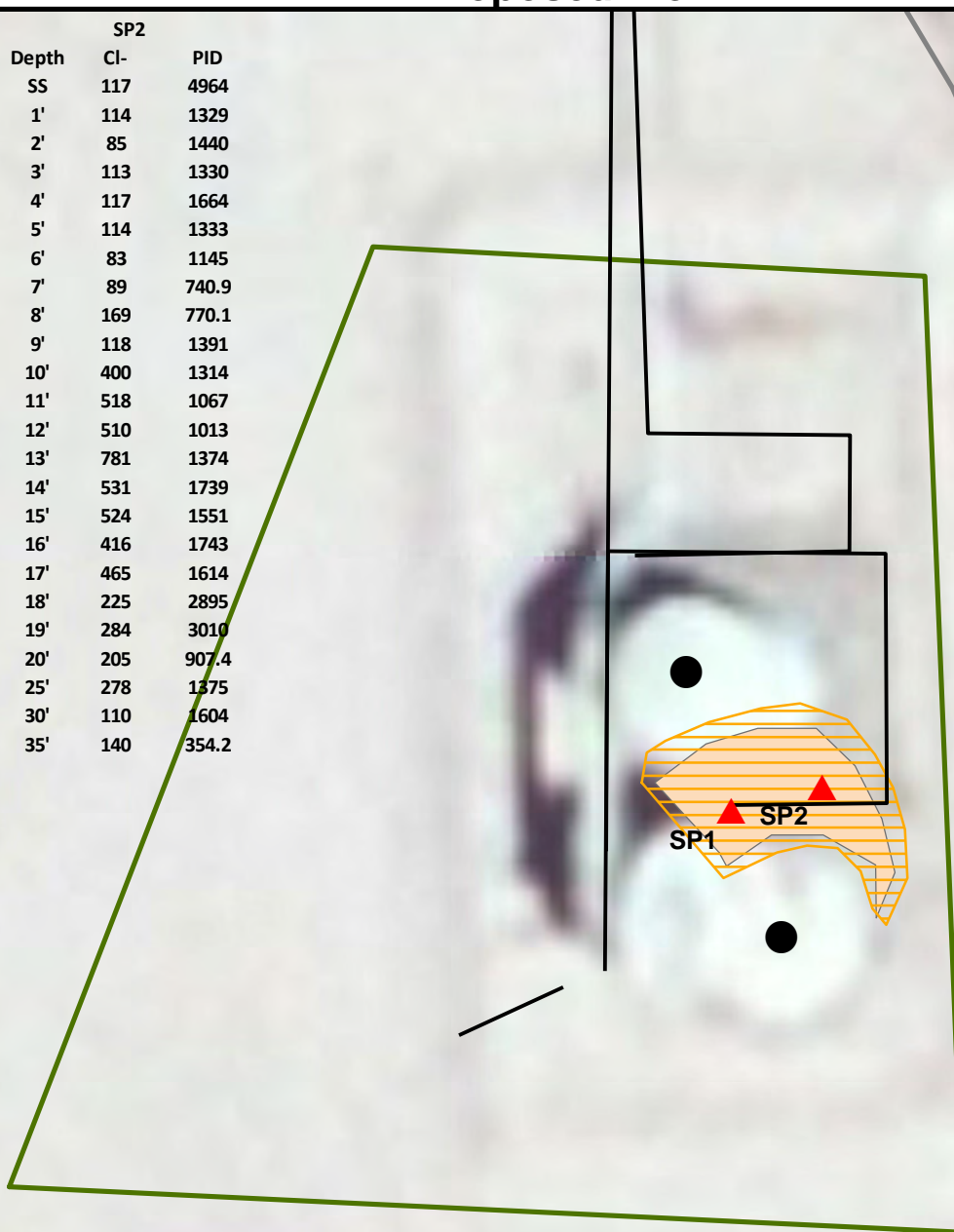


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Lea County, NM
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Proposed Work

SP1		SP2		PID
Depth	CI-	Depth	CI-	
SS	119	SS	117	4964
1'	89	1'	114	1329
2'	120	2'	85	1440
3'	141	3'	113	1330
4'	83	4'	117	1664
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		25'	278	1375
		30'	110	1604
		35'	140	354.2



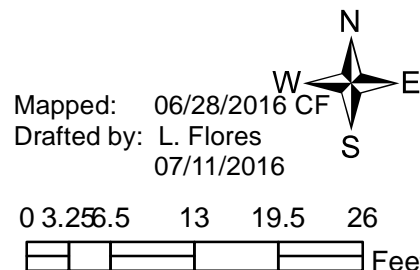
Legend

- ▲ Sample Points
- Tanks
- Above Ground Line
- Proposed 2' excavation (212 sq ft)
- Battery Containment
- Caliche Pad
- Oil and Produced Water (134 sq ft)

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



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Appendix I

INITIAL C-141

Diversified Field Service, Inc.
206 W. Snyder
Hobbs, NM 88240
(575) 964-8394

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141
Revised March 17, 1999

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	BTA Oil Producers LLC	Contact	Pam Inskeep
Address	104 S. Pecos, Midland, TX 79701	Telephone No.	(432) 682-3753
Facility Name	Ojo Chiso Fed, 8817 JV-P 30-025-30733	Facility Type	Tank Battery

Surface Owner	Mineral Owner	Lease No.	NMNM43564
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	26	22S	34E	990	South	990	West	Lea

NATURE OF RELEASE

Type of Release	Minor	Volume of Release	5 BO	Volume Recovered	0 BO
Source of Release	pinhole leak/tank	Date and Hour of Occurrence	9 am 06/27/2016	Date and Hour of Discovery	9 am 06/27/2016
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Jamie Keyes – NMOCD Carlsbad BLM, Art Arias		
By Whom?	Pam Inskeep	Date and Hour	5:00 pm CST 06/27/2016		
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

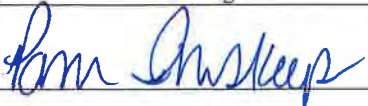
Describe Cause of Problem and Remedial Action Taken.*

Pinhole leak at swedge on back of oil tank. All fluid stayed within the berm. Will dig out what is possible, haul to disposal, replace with clean soil. Will empty and repair tank. Diverse Energy will handle the clean up.

Describe Area Affected and Cleanup Action Taken.*

See above explanation

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: 	<u>OIL CONSERVATION DIVISION</u>		
Printed Name: Pam Inskeep	Approved by District Supervisor:		
Title: Regulatory Administrator	Approval Date:	Expiration Date:	
Date: 06/30/2016 Phone: (432) 682-3753	Conditions of Approval:	Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary

Appendix II

SITE PHOTOS

OJO CHISO FEDERAL #003

PHOTO PAGE



Site prior



Site prior



Site prior



Collecting samples



Collecting samples



Collecting samples

Appendix III

GROUNDWATER SURVEY

Diversified Field Service, Inc.
206 W. Snyder
Hobbs, NM 88240
(575) 964-8394



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 00598			LE	4	1	23	22S	34E		646480	3583511*	70		
CP 00704			LE	2	4	22	22S	34E		645681	3583097*	600		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 2

PLSS Search:

Section(s): 22, 23, 24, 25, 26, 27, 34, 35, 36
Township: 22S
Range: 34E

*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.