



Mirage 30 PM St. com #1H battery

T19S, R 29E, Sec 30

API# 30-015-40753

Corrective Action Plan

Release Date: March 9th, 2015

Unit Letter P, Section 30, Township 19 South, Range 29 East

March 12th, 2015

Prepared by:

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

Mike Bratcher
Environmental Specialist
NM Oil Conservation District-Division 2
Artesia, NM 88210

RE: Mewbourne Mirage 30 PM St. Com 1H – Remediation Work Plan
UL/P, Section 30, T19S, R29E
API No. 30-015-40753

Mr. Bratcher,

Mewbourne has retained Diversified Field Service, Inc. (DFSI) to address environmental issues for the site detailed herein.

The site is located east of Carlsbad NM, in Eddy County. The leak site resulted from a hydrocarbon and produced water leak. The source of the leak was due to a compressor separator venting fluid onto the ground. A C-141 was submitted to the NMOCD on March 9th, 2015.

Site Assessment and Delineation

On March 10th, 2015 DFSI personnel obtained surface and below ground surface (BGS) samples of the leak area. Field samples were taken on eight sample points, each sample was tested for chlorides levels as well as BTEX. The BTEX samples were performed using a Mini Rae Photoionization Detector (PID). All clean field samples found under the BLM/NMOCD standards, were taken to Cardinal Lab of Hobbs to obtain confirmation samples. The results will be provided once obtained from the lab. The field data is attached.

DFSI has conducted a groundwater study of the area and has determined that according to the New Mexico Office of the State Engineer the average depth to groundwater for this area is 100 foot below ground surface. Therefore, no eminent danger of groundwater impact or threat to life is anticipated.

Conclusion

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

DFSI proposes to remove the contaminated soil in the areas of Sp #1, #2, #3, #7 to 4' bgs. We will remove the contaminated soil in the areas of SP #6 and #8 to 3' bgs, We will remove contaminated soil in the areas of SP #4 and #5 to 2' bgs. All contaminated soil will be hauled to a NM approved disposal facility. We will backfill with clean native soil and reseed to NMOCD/BLM standards

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 Heather Patterson NMOCD

Attachments: Initial Form C-141
Site/Sample Map
Sample Data



Mirage 30 PM St. com #1H battery

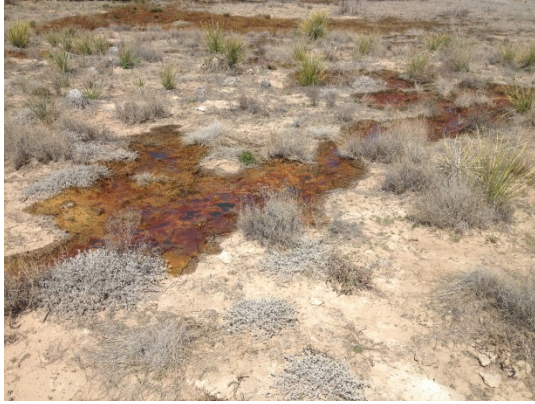
T19S, R 29E, Sec 30

API# 30-015-40753

Photo Page

3/9/15





Site Diagram

**Mewbourne, Mirage 30 PM St. Com #1H Bat.
UL/P, Sec. 30 T19S R29E
Eddy County, NM
Drafted By: Lance Crenshaw, 3-10-14**

0 0.005 0.01 0.02 Miles

Legend

Misc_points

Types

- Electrical Box
- Power Pole
- Headers
- Injection
- Pumpjacks
- Tanks
- Valves
- Other
- Soil Bores
- sample_pts
- Source

Pipeline

Type

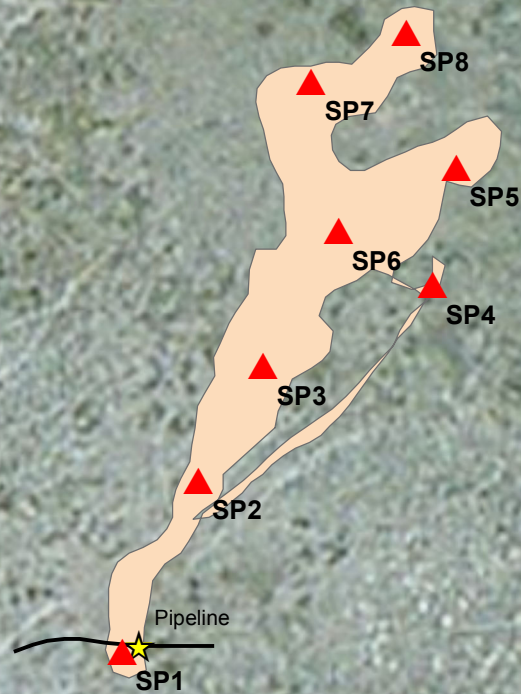
- Above Ground Line
- Buried Line

Spill

- <all other values>

Spill_Media

- Oil and Produced H2O
- Oil
- Other
- Produced Water



**Spill Area:
6,556 sq. ft.**

Lance Crenshaw
GIS Technician

Soil Remediation and Ground Water Remediation
Environmental Assessments
Regulatory Compliance



Environmental

DFS

Services

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Cell: 575-441-2359
Email: lcrenshaw@diversifiedfsi.com

Source: Esri, DigitalGlobe, GeoEye, IGN, swisstopo, and the GIS User Community

Diversified Environmental Services

Company Name: Mewbourne oil
 Location Name: mirage 30 pm com 1h

SP Date: 3/10/2015
 Rel Date: _____

SP1	CHL	PID
surf	999	4,738
1'	774	3883
2'	649	3523
3'	499	5886
4'	549	7838
5'	499	3552
6'	624	4322
7'	499	4113
8'	574	2834
9'	524	1142
10'	499	4664
11'	499	132.8
12'	449	107.8
13'	474	179.8
14'	auger refusal	

SP2	CHL	PID
surf	524	15,000
1'	424	13,856
2'	374	278.5
3'	449	285.1
4'	349	281.3
5'	449	43.4

SP3	CHL	PID
surf	624	3664
1'	399	3297
2'	374	742.8
3'	474	601.4
4'	399	354.5
5'	449	45.4

SP4	CHL	PID
surf	749	1800
1'	574	868.2
2'	549	476.3
3'	474	360.8
4'	424	39.4

SP5	CHL	PID
surf	549	1017
1'	424	624.9
2'	499	314.7
3'	499	56.9
4'	524	17.8

	Lab Confirmation Sample
	Field Sampling
	Needs Delineation and confirmation samples

Diversified Environmental Services

[illegible]

	Lab Confirmation Sample
	Field Sampling
	Needs Delineation and confirmation samples

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 August 8, 2011

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: Mewbourne Oil Company	Contact: Zack Thomas	
Address: PO Box 5270 Hobbs NM 88241	Telephone No. 575-393-5905	
Facility Name: Mirage 30 PM St. Com #1H Battery	Facility Type: Oil producing Well	
Surface Owner: State	Mineral Owner: State	API No. 30-015-40753

LOCATION OF RELEASE

Unit Letter P	Section 30	Township 19S	Range 29E	Feet from the 300'	North/South Line South	Feet from the 150'	East/West Line East	County Eddy
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Latitude 32.625402 Longitude -104.10611632

NATURE OF RELEASE

Type of Release: Oil/produced water	Volume of Release: estimated 10 bbls total fluid	Volume Recovered: 5 bbls total fluid
Source of Release: Compressor separator	Date and Hour of Occurrence 3-9-15	Date and Hour of Discovery 3-9-15 9:30 am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher & Ian Dolby	
By Whom? Zack Thomas	Date and Hour 3-9-15 1:45 pm	
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.*


Describe Cause of Problem and Remedial Action Taken.*

Cause of the leak- Gas pressure to dumps on separation equipment was lost sending fluid to compressor separator. Compressor separator in turn vented fluid onto ground. Upon arrival pumper closed the vent line stopping the release. Vent line was then re-routed to water tanks.

Describe Area Affected and Cleanup Action Taken.*

Affected area- Fluid ran onto pad surface on North side of compressor before running off the pad an estimated 200 ft. out into the pasture. 5 bbls of total fluid was recovered from pasture via vacuum truck. Clean up action will include removing contaminated soil to NMOCD regulation standards and replacing with clean backfill then reseeded.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	OIL CONSERVATION DIVISION		
Printed Name: Zack Thomas	Approved by Environmental Specialist:		
Title: Environmental Rep.	Approval Date:	Expiration Date:	
E-mail Address: zthomas@mewbourne.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 3-9-15	Phone: 575-602-2188		

* Attach Additional Sheets If Necessary