Basin Environmental Service Technologies, LLC

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Effective Solutions

REMEDIATION SUMMARY &

RISK-BASED SITE CLOSURE REQUEST

BOPCO, LP
NASH DRAW 8 SWD #1
API 30-015-41351
Eddy County, New Mexico
Unit Letter "L" (NW/SW), Section 8, Township 24 South, Range 30 East
Latitude 32.231646° North, Longitude -103.910656° West
NMOCD Reference #2RP-2081

Prepared For:
BOPCO, LP
522 W. Mermod, Suite 704
Carlsbad, New Mexico 88220

Prepared By:
Basin Environmental Service Technologies, LLC
3100 Plains Highway
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December 2015

Ben J. Arguijo
Project Manager

Edited and finalized By:

Tony Savoie
Waste Management and Remediation Specialist
BOPCO, L.P.

TABLE OF CONTENTS

1.0 INTRODUCTION & BACKGROUND INFORMATION

Basin Environmental Service Technologies, LLC (Basin Environmental), on behalf of BOPCO, LP (BOPCO), has prepared this *Remediation Summary & Risk-Based Site Closure Request* for the release site known as Nash Draw 8 SWD #1. The legal description of the release site is Unit Letter Unit Letter "L" (NW/SW), Section 8, Township 24 South, Range 30 East, in Eddy County, New Mexico. The geographic coordinates of the release site are 32.231646° North latitude and 103.910656° West longitude. The property affected by the release is owned by the United States Department of the Interior - Bureau of Land Management (BLM). Please reference Figure 1 for a "Site Location Map".

On November 22, 2013, BOPCO discovered a release had occurred at the Nash Draw 8 Salt Water Disposal (SWD) #1. A valve on a transfer line between the on-site gun barrel and storage tanks had been inadvertently left closed as produced water was being transferred for use at the nearby Aquilla #8 drilling rig, causing the gun barrels to overflow into the impervious containment area surrounding the tanks. The volume of released fluid was such that it subsequently breeched the top of the steel-walled containment area and overflowed into a contiguous containment area surrounding the on-site skim tank, out onto the caliche well pad surrounding the SWD facility, and into the adjacent pastureland. During initial response activities, the valve alignment was corrected, and a vacuum truck was utilized to recover free-standing liquid.

The release was immediately reported to the New Mexico Oil Conservation Division (NMOCD) Artesia District Office. The "Release Notification and Corrective Action" (Form C-141) indicated approximately ten barrels (10 bbls) of crude oil and approximately four thousand three hundred fifty-seven barrels (4,357 bbls) of produced water were released. Approximately seven barrels (7 bbls) of crude oil were released, along with a total of approximately four thousand two hundred seven barrels (4,207 bbls) of produced water, including approximately three thousand two hundred twenty-five barrels (3,225 bbls) from the containment around the gun barrel tanks, approximately three hundred eighty-two barrels (382 bbls) from the containment around the skim tank, and approximately six hundred barrels (600 bbls) from the pasture.

The release ultimately impacted an area measuring approximately sixty-two thousand, six hundred square feet (62,600 ft^2), including twelve thousand square feet (12,000 ft^2) of pastureland and fifty thousand, six hundred square feet (50,600 ft^2) of the well/tank battery pad and a nearby lease road (Rawhide Road). However, the release occurred during a rain, sleet, and snow event, so surface area estimations may be imprecise.

The Form C-141 is provided as Appendix A. General photographs of the release site are provided as Appendix B.

2.0 NMOCD SITE CLASSIFICATION

A search of the New Mexico Water Rights Reporting System (NMWRRS) database maintained by the New Mexico Office of the State Engineer (NMOSE) indicated information was unavailable for Section 8, Township 24 South, Range 30 East. A depth-to-groundwater reference map utilized by the NMOCD indicates groundwater should be encountered approximately one

hundred and seventy-five feet (175') below ground surface (bgs). Based on the NMOCD ranking system, zero (0) points will be assigned to the site as a result of this criterion.
A search of the NMWRRS database indicated there are no water wells within one thousand feet (1,000') of the release. Based on the NMOCD ranking system, zero (0) points will be assigned to the site as a result of this criterion.

There are no surface water bodies within one thousand feet (1,000') of the release. Based on the NMOCD ranking system, zero (0) points will be assigned to the site as a result of this criterion.

NMOCD guidelines indicate the Nash Draw 8 SWD #1 release site has an initial ranking score of zero (0) points. The soil remediation levels for a site with a ranking score of zero (0) points are as follows:

- Benzene – 10 mg/kg (ppm)
- Benzene, ethylbenzene, toluene, and xylenes (BTEX) – 50 mg/kg (ppm)
- Total petroleum hydrocarbons (TPH) – 5,000 mg/kg (ppm)

The New Mexico Administrative Code (NMAC) does not currently specify a remediation level for chloride concentrations in soil. Chloride remediation levels are set by the NMOCD on a site-specific basis.

3.0 SUMMARY OF SOIL REMEDIATION ACTIVITIES

On December 3, 2013, delineation of the release site commenced. A series of hand-augered soil borings were advanced at the site to investigate the horizontal and vertical extent of impacted soil. Core soil samples were field-screened with a chloride test kit, and four (4) confirmation soil samples (SP #2 Surface, SP #7 Surface, SP #9 @ 6', and SP #12 @ 2') were submitted to Cardinal Laboratories in Hobbs, New Mexico, for analysis of chloride concentrations in accordance with Environmental Protection Agency (EPA) Method 4500 Cl-B. Soil sample SP #7 Surface was also analyzed for TPH concentrations using EPA Method SW-846 8015M. Laboratory analytical results indicated chloride concentrations ranged from less than the laboratory method detection limit (MDL) in soil sample SP #7 Surface to 12,600 mg/kg in soil sample SP #12 @ 2'. The TPH concentration in soil sample SP #7 Surface was 8,460 mg/kg.

Table 1 summarizes the "Concentrations of Benzene, BTEX, TPH & Chloride in Soil". A "Site & Sample Location Map" is provided as Figure 2. Laboratory analytical reports are provided as Appendix C.

Field-screen tests and laboratory analytical results indicated further delineation of the release site was required.

Subsequent delineation events were conducted on December 9 and 11, 2013, in which a series of delineation trenches were advanced to investigate the extent of contamination in the soil near the on-site gun barrel tanks and near an underground pipeline bisecting the release site. Soil samples were collected from the floors of the delineation trenches at approximately two-foot (2') intervals and field-screened with a chloride test kit. Three (3) confirmation soil samples (Gun Barrel 1' bgs, Gun Barrel 3' bgs, and Gun Barrel 5' bgs) collected during the December 9, 2013,

delineation event were submitted to the laboratory for analysis of chloride concentrations. Soil sample Gun Barrel 5' bgs was also analyzed for concentrations of BTEX (using EPA Method SW-846 8021b) and TPH. Laboratory analytical results indicated chloride concentrations ranged from 432 mg/kg in soil sample Gun Barrel 3' bgs to 1,730 mg/kg in soil sample Gun Barrel 1' bgs. TPH and BTEX constituent concentrations in soil sample Gun Barrel 5' bgs were less than the appropriate laboratory MDL.

Based on laboratory analyses and field-screens, Basin Environmental and BOPCO developed a preliminary, informal "Work Plan" outlining remediation activities to be conducted in order to advance the site to an NMOCD-approved, "risk-based" closure. On December 13, 2013, representatives of Basin Environmental and BOPCO met with a representative of the NMOCD Artesia District Office to discuss the Work Plan and laboratory and field analyses. The Work Plan was subsequently approved by both the NMOCD and the BLM.

With verbal approval from the NMOCD and the BLM, Basin Environmental commenced excavation of impacted soil on December 10, 2013. A chloride field-test kit was used to guide the excavation. To facilitate remediation activities, the excavation was divided into four (4) sections: Section A through Section D. Section A was located to the west of Rawhide Road, in a pooling area at the terminus of the flow path of the release. Section B was located in a pooling area east of Rawhide Road. Section C was located adjacent to, and to the south and southwest of, the Nash Draw 8 SWD tank battery. Section D was located to the south of the pipeline bisecting the release site and around the nearby Poker Lake Unit #192 pumping well.

From December 10, 2013, through February 6, 2014, approximately eight thousand twenty cubic yards (8,020 yd^3) of impacted soil was excavated and transported to Lea Land, Inc. (NMOCD Permit # WM-01-035), for disposal.

On December 20, 2013, eleven (11) soil samples (Sec. A N10 NSW #1, Sec. A N10 ESW b, Sec. A N10 SSW (In-Situ), Sec. A N10 West Floor @ 2', Sec. A N10 East Floor @ 4', Sec. A S10 NSW (In-Situ), Sec. A S10 ESW d, Sec. A S10 SSW f, Sec. A S10 SWSW b, Sec. A S10 West Floor @ 2', and Sec. A S10 East Floor @ 4') were collected from the floor and sidewalls of Section A and submitted to the laboratory for analysis of chloride and/or TPH concentrations. Soil sample Sec. A N10 East Floor @ 4' was also analyzed for concentrations of BTEX. Laboratory analytical results indicated chloride concentrations ranged from less than the laboratory MDL in soil samples Sec. A N10 NSW #1 and Sec. A S10 SWSW b to 14,500 mg/kg in soil sample Sec. A N10 West Floor @ 2'. TPH concentrations were less than the laboratory MDL in all soil samples analyzed. BTEX constituent concentrations in soil sample Sec. A N10 East Floor @ 4' were less than the appropriate laboratory MDL.
The elevated in-situ samples identified in the soil chemistry report were due to soil left in place as safety buffers for the 2 high pressure gas lines and 2 large diameter poly lines that ran north by south thru the ponded areas. Contaminated soil was removed as far as practicable above and adjacent to the buried lines. Soil samples were collected from the soil left above and to the sides of the pipelines. The areas are can be seen in photographs taken on 12/19/13 included in this report.

On December 23, 2013, three (3) soil samples (Sec. B NSW #1c, Sec. B NSW #3d, and Sec. B NESW #1b) were collected from the floor and sidewalls of Section B and submitted to the laboratory for analysis of chloride concentrations. Laboratory analytical results indicated

chloride concentrations ranged from 416 mg/kg in soil sample Sec. B NSW #3d to 496 mg/kg in soil samples Sec. B NSW #1c and Sec. B NESW #1b.

On December 26, 2013, three (3) soil samples [Sec. B West SW #1, Sec. B NW Floor, and Sec. B ESW (In-Situ)] were collected from the floor and sidewalls of Section B and submitted to the laboratory for analysis of chloride concentrations. Soil sample Sec. B NW Floor was also analyzed for concentrations of TPH and BTEX. Laboratory analytical results indicated chloride concentrations ranged from 6,080 mg/kg in soil Sec. B West SW #1 to 12,700 mg/kg in soil sample Sec. B NW Floor. TPH and BTEX constituent concentrations in soil sample Sec. B NW Floor were less than the appropriate laboratory MDL.
Prior to the excavation activities it was noted in reviewing historical aerial photographs dated 6/30/05, showed that a major portion of the spill, noted in Section B was on top of a permitted, lined reserve pit used in drilling the PLU-192Q pumping well. Reference the NMOCD on line records for API 30-015-33362. A hydro-vac and backhoe was used to locate the 20 mill pit cover. There was an average of about 5 foot of soil on the top of the liner. Aerial maps indicating the location of the reserve pit and re-claimed area are included in this report. Photographs taken during the excavation activities done on 12/26/13 and 12/30/13 show a small portion of the exposed pit liner.

On January 3, 2014, eleven (11) soil samples [Sec. B SSW #1c, Sec. B SSW #2c, Sec. B SSW #3b, Sec. B S10 NSW #1, Sec. B S10 NSW #2, Sec. B WSW #2, Sec. B N10 (In-Situ), Sec. B S10 (In-Situ), Sec. B N10 Center Floor (In-Situ), Sec. B S10 Center Floor (In-Situ), and Sec. B S10 West Floor (In-Situ)] were collected from the floor and sidewalls of Section B and submitted to the laboratory for analysis of chloride concentrations. Soil samples Sec. B N10 Center Floor (In-Situ), Sec. B S10 Center Floor (In-Situ), and Sec. B S10 West Floor (In-Situ) were also analyzed for TPH concentrations. Laboratory analytical results indicated chloride concentrations ranged from 80.0 mg/kg in soil sample Sec. B S10 NSW #1 to 11,300 mg/kg in soil sample Sec. B WSW #2. TPH concentrations ranged from less than the laboratory MDL in soil samples three (3) soil samples Sec. B S10 Center Floor (In-Situ) and Sec. B S10 West Floor (In-Situ) to 101 mg/kg in soil sample Sec. B N10 Center Floor (In-Situ).
The elevated chloride results as indicated in the soil chemistry table noted as in-situ samples were soil samples collected from the soil left on top of the pit liner that ranged from 4 to 5 ft. in depth. There were also 2 buried high pressure oil lines and 3 poly lines that traveled both north by south and east by west across the area. There were numerous (48) flow lines that bordered the spill area on the west edge along the lease road. Safety buffers were left in place and samples were collected from the soil left on top of and adjacent to the buffers. Contaminated soil was removed as far as practicable as indicated by the floor and sidewall samples that were not hampered by buried lines, surface utilities and the lined reserve pit.

On January 7, 2014, seven (7) soil samples (Sec. C ESW #1, Sec. C NSW #1, Sec. C NSW #2, Sec. C SSW #1, Sec. C SSW #2, Sec. C Floor #1 @ 2', and Sec. C Floor #2 @ 2') were collected from the floor and sidewalls of Section C and submitted to the laboratory for analysis of chloride concentrations. Soil samples Sec. C Floor #1 @ 2' and Sec. C Floor #2 @ 2' were also analyzed for concentrations of TPH and BTEX. Laboratory analytical results indicated chloride concentrations ranged from 128 mg/kg in soil sample Sec. C SSW #1 to 624 mg/kg in soil sample Sec. C Floor #2 @ 2'. TPH and BTEX constituent concentrations in soil samples Sec. C Floor #1 @ 2' and Sec. C Floor #2 @ 2' were less than the appropriate laboratory MDL.

On January 10, 2014, two (2) soil samples (Sec. C Floor #3 and Sec. C WSW #1) were collected from the floor and sidewall of Section C and submitted to the laboratory for analysis of chloride concentrations. Laboratory analytical results indicated chloride concentrations ranged from 128 mg/kg in soil sample Sec. C WSW #1 to 624 mg/kg in soil sample Sec. C Floor #3.

On January 14, 2014, seven (7) soil samples [Sec. C West SW #2, Sec. C West SW #3, Sec. C West SW #4, Sec. C East SW #2 (In-Situ), Sec. C East SW #3 (In-Situ), Sec. C Floor #4, and Sec. C Floor #5] were collected from the floor and sidewalls of Section C and submitted to the laboratory for analysis of chloride concentrations. Soil samples Sec. C Floor #4 and Sec. C Floor #5 were also analyzed for concentrations of TPH and BTEX. Laboratory analytical results indicated chloride concentrations ranged from less than the laboratory MDL in soil samples Sec. C Floor #4 and Sec. C Floor #5 to 3,080 mg/kg in soil sample Sec. C East SW #2 (In-Situ). TPH and BTEX constituent concentrations in soil samples Sec. C Floor #4 and Sec. C Floor #5 were less than the appropriate laboratory MDL.
The samples referenced to as in-situ samples in Section C were soil samples collected from the East side wall of the excavation at a depth of approximately 2 ft., any further excavation or delineation attempts would have jeopardized the integrity of the containment walls. The remainder of the samples collected from the excavation floor and sidewalls demonstrates that as much of the contaminated soil as possible was removed from the impacted area.

On January 20, 2014, two (2) soil samples (Sec. C ESW #4 and Sec. C Floor #6) were collected from the floor and sidewall of Section C and submitted to the laboratory for analysis of chloride concentrations. Laboratory analytical results indicated chloride concentrations in both soil samples were less than the laboratory MDL.

On January 23, 2014, four (4) soil samples (Sec. C Floor #7, Sec. C Floor #8, Sec. C ESW #5, and Sec. C WSW #5) were collected from the floor and sidewalls of Section C and submitted to the laboratory for analysis of chloride concentrations. Soil sample Sec. C Floor #8 was also analyzed for concentrations of TPH and BTEX. Laboratory analytical results indicated chloride concentrations ranged from less than the laboratory MDL in soil samples Sec. C ESW #5 and Sec. C WSW #5 to 160 mg/kg in soil sample Sec. C Floor #8. TPH and BTEX constituent concentrations were less than the appropriate laboratory MDL in soil sample Sec. C Floor #8.

On January 27, 2014, four (4) soil samples (Sec. C ESW #6, Sec. C ESW #7, Sec. C ESW #8, and Sec. C Floor #8) were collected from the floor and sidewalls of Section C and submitted to the laboratory for analysis of chloride concentrations. Laboratory analytical results indicated chloride concentrations ranged from 240 mg/kg in soil sample Sec. C ESW #7 to 352 mg/kg in soil sample Sec. C ESW #8.

On January 29, 2014, seven (7) soil samples [Sec. D SSW #1, Sec. D SSW #2, Sec. D SSW #3, Sec. D SSW #4, Sec. D WSW #1, Sec. D Floor #10, and Sec. D South Well (In-Situ)] were collected from the floor and sidewalls of Section D and submitted to the laboratory for analysis of chloride concentrations. Soil sample Sec. D Floor #10 was also analyzed for concentrations of TPH and BTEX. Laboratory analytical results indicated chloride concentrations ranged from 48.0 mg/kg in soil samples Sec. D SSW #1 and Sec. D Floor #10 to 2,240 mg/kg in soil sample Sec. D South Well (In-Situ). TPH and BTEX constituent concentrations were less than the appropriate laboratory MDL in soil sample Sec. D Floor #10.

On February 4, 2014, thirteen (13) soil samples [Sec. D NSW #1, Sec. D NSW #2, Sec. D NSW #3, Sec. D NSW #4, Sec. D WSW #2, Sec. D ESW #1, Sec. D Floor #11, Sec. D Floor #12, Sec. D Floor #13, Sec. D Floor #14, Sec. D Floor #15, Sec. D SSW #5, and Sec. D Conduit (In-Situ)] were collected from the floor and sidewalls of Section D and submitted to the laboratory for analysis of chloride and/or TPH concentrations. Soil sample Sec. D Floor #13 was also analyzed for concentrations of BTEX. Laboratory analytical results indicated chloride concentrations ranged from 80.0 mg/kg in soil sample Sec. D Floor #15 to 1,180 mg/kg in soil sample Sec. D Floor #12. TPH concentrations were less than the laboratory MDL in all analyzed soil samples. BTEX constituent concentrations in soil sample Sec. D Floor #15 were less than the appropriate laboratory MDL.

The initial phase of the Nash Draw 8 SWD #1 spill remediation was completed on February 7, 2014.

On June 16, 2014, the final phase of the Nash Draw 8 SWD #1 spill remediation commenced. A series of soil samples were collected from the floor of the frac tank containment area, which had previously been overlaid by an impermeable polyurethane liner. The soil samples were field-screened with a chloride test kit, and five (5) confirmation soil samples (SP #1, SP #3, SP #5, SP #7, and SP #9) were submitted to the laboratory for analysis of chloride concentrations. Laboratory analytical results indicated chloride concentrations ranged from 2,160 mg/kg in soil sample SP #9 to 61,600 mg/kg in soil sample SP #7.

Review of laboratory analytical results and field-screens indicated additional excavation would be required in the floor of the former containment area.

On June 18, 2014, the eastern portion of the excavation was advanced in the areas represented by soil samples SP #7 through SP #9, and three (3) confirmation soil samples (SP #7a, SP #8a, and SP #9a) were collected from the floor of the excavation and submitted to the laboratory for analysis of chloride, TPH, and/or BTEX concentrations. Laboratory analytical results indicated chloride concentrations ranged from 48.0 mg/kg in soil sample SP #9a to 400 mg/kg in soil sample SP #8a. TPH and BTEX constituent concentrations were less than the appropriate laboratory MDL.

On June 20, 2014, the southeastern portion of the excavation was advanced in the areas represented by soil samples SP #4 through SP #6, and three (3) confirmation soil samples (SP #4a, SP #5a, and SP #6a) were collected from the floor of the excavation and submitted to the laboratory for analysis of chloride, TPH, and/or BTEX concentrations. Laboratory analytical results indicated chloride concentrations ranged from 64.0 mg/kg in soil sample SP #6a to 192 mg/kg in soil sample SP #5a. TPH and BTEX constituent concentrations were less than the appropriate laboratory MDL.

From June 20, 2014, through July 29, 2014, approximately two thousand one hundred and sixty cubic yards (2160 yd^3) of impacted soil was excavated and transported to Lea Land, Inc. (NMOCD Permit # WM-01-035), for disposal.

Based on laboratory analytical results and field-screens, from June 27 through July 28, 2014, the excavation was backfilled with locally obtained, non-impacted material, compacted, and

contoured to fit the surrounding topography. Prior to backfilling, final dimensions of the excavation was approximately two hundred feet (250') in length, ranging in width from one hundred eighty feet (180') to two hundred thirty feet (230'), and approximately one and one-half feet (1.5') in depth.

4.0 QA/QC PROCEDURES

4.1 Soil Sampling

Soil samples were delivered to Cardinal Laboratories in Hobbs, New Mexico, for BTEX, TPH, and/or chloride analyses using the methods described below:

- BTEX concentrations in accordance with EPA Method SW-846 8021b
- TPH concentrations in accordance with EPA Method SW-846 8015M
- Chloride concentrations in accordance with EPA Methods 4500 Cl-B

4.2 Decontamination of Equipment

Cleaning of the sampling equipment was the responsibility of the environmental technician. Prior to use, and between each sample, the sampling equipment was cleaned with Liqui-Nox® detergent and rinsed with distilled water.

4.3 Laboratory Protocol

The laboratory was responsible for proper QA/QC procedures after signing the chain-of-custody form(s). These procedures were either transmitted with the laboratory reports or are on file at the laboratory.

5.0 SITE CLOSURE REQUEST

Soil samples collected from the sidewalls of the Nash Draw 8 SWD #1 excavation were analyzed by an NMOCD-approved laboratory, and concentrations of benzene, BTEX, and TPH were below the regulatory remediation action levels established for the site by the NMOCD.

The release site was excavated to the extent practicable. Twenty (20) mil, polyethylene liners were installed on the floors of the excavations prior to backfilling. These engineered controls will help mitigate potential releases and effectively inhibit vertical migration of contaminants to groundwater. In-situ soil exhibiting chloride contamination above the regulatory remediation action levels established for the site will be remediated upon decommission and/or abandonment of the currently salt water disposal system.

Basin Environmental recommends BOPCO provide the NMOCD Artesia District Office and BLM a copy of this *Remediation Summary & Risk-Based Site Closure Request* and request the NMOCD grant site closure to the Nash Draw 8 SWD #1 release site.

6.0 LIMITATIONS

Basin Environmental Service Technologies, LLC, has prepared this *Remediation Summary & Risk-Based Site Closure Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Basin Environmental has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Basin Environmental has not conducted an independent examination of the facts contained in referenced materials and statements. Basin Environmental has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Basin Environmental has prepared this report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Basin Environmental notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of BOPCO, LP. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of Basin Environmental Service Technologies, LLC, and/or BOPCO, LP.

7.0 DISTRIBUTION:

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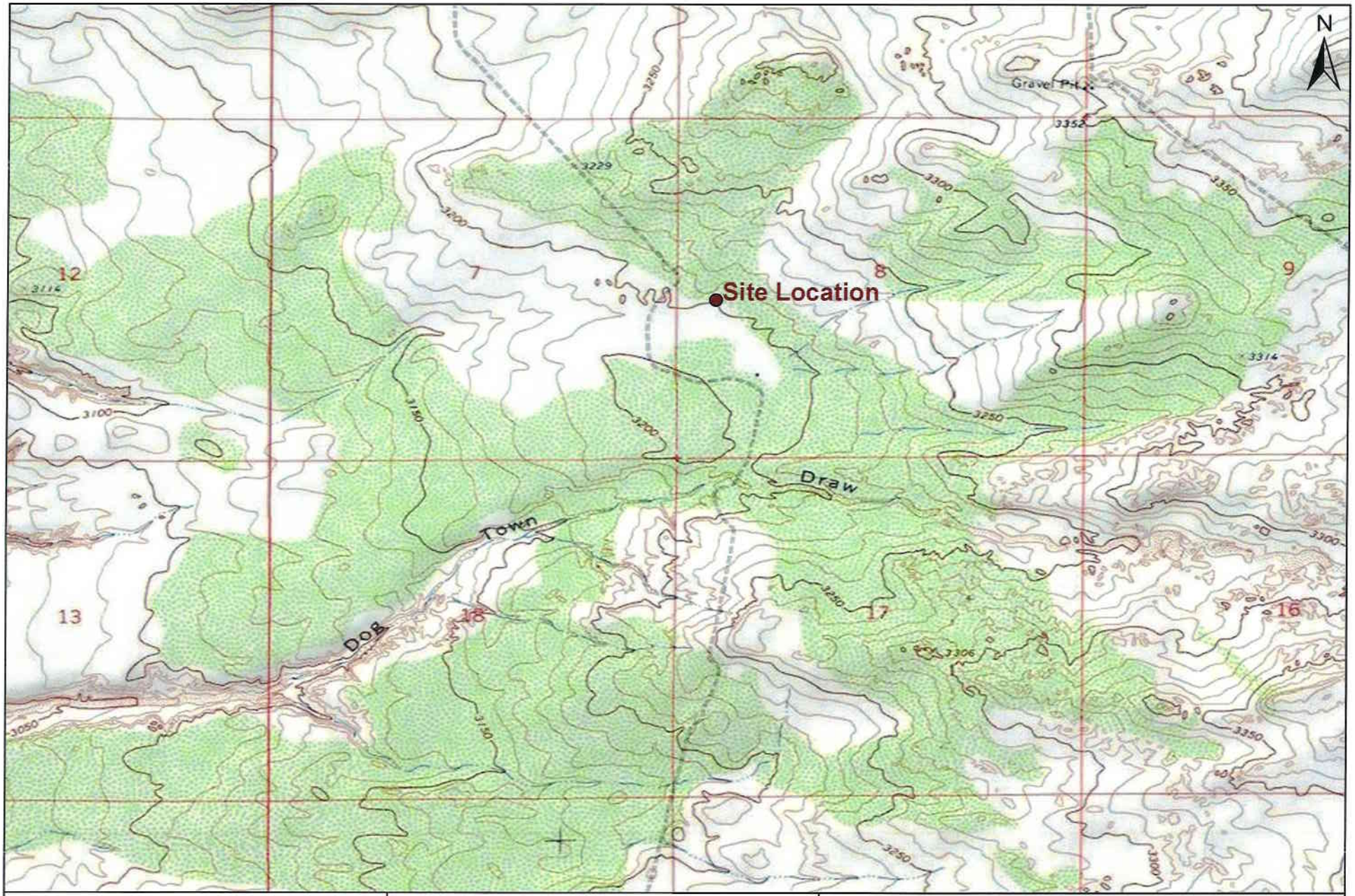
Figures



1,000 500 0 1,000 2,000
Distance in Feet

Figure 1
Site Location Map
BOPCO, LP
Nash Draw 8 SWD #1
Eddy County, New Mexico
NMOCD Reference #: 2RP-2081

Basin Environmental Service Technologies
Effective Solutions

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Drawn By: BJA	Checked By: BRB
January 3, 2014	Scale: 1" = 2,000'

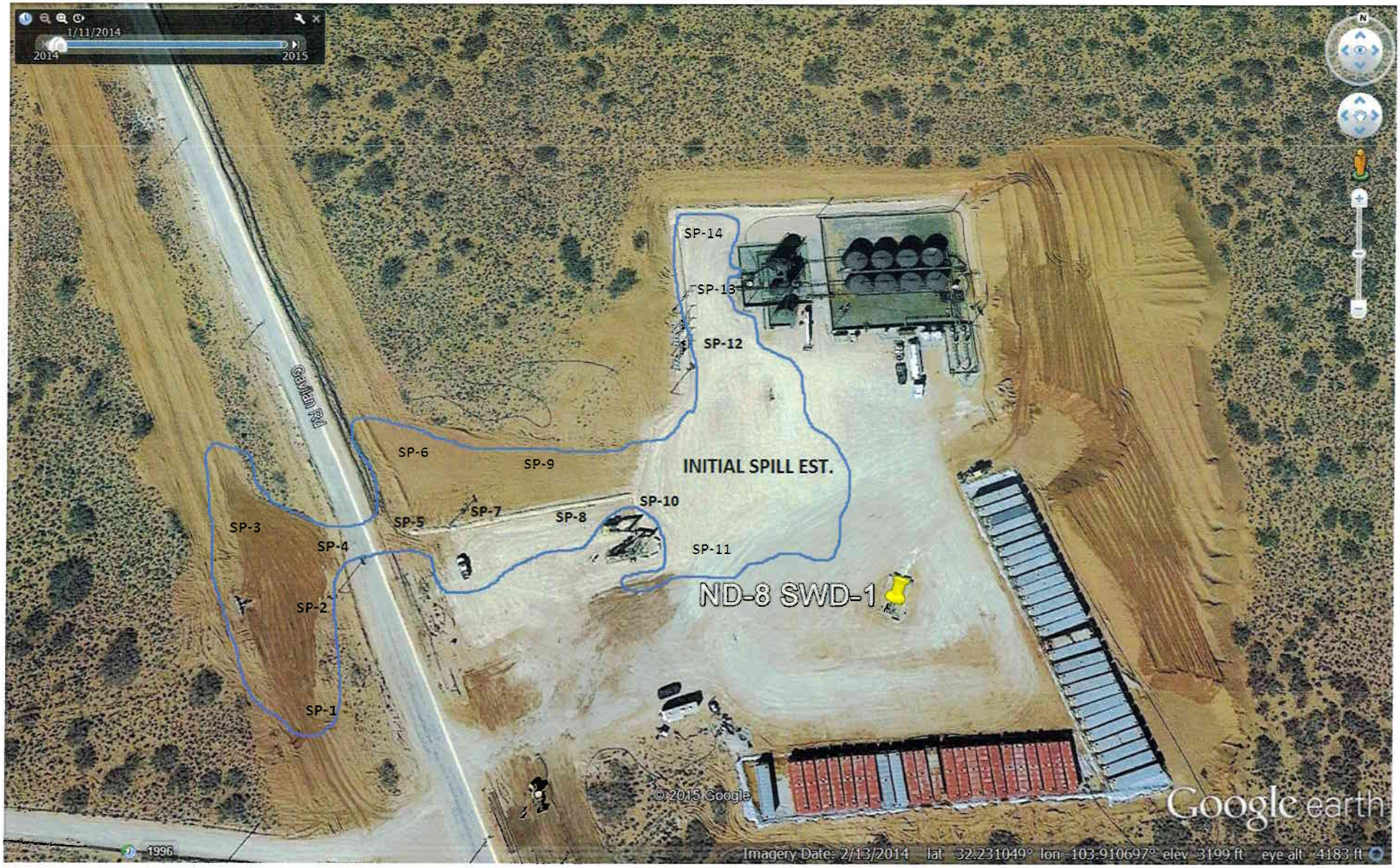

1/11/2014
2014
2015
SP-14
SP-13
SP-12
SP-6
SP-9
INITIAL SPILL EST.
SP-10
SP-7
SP-8
SP-5
SP-3
SP-4
SP-11
ND-8 SWD-1
SP-2
SP-1
© 2015 Google
Google earth
1996
Imagery Date: 2/13/2014 lat 32.231049° lon -103.910697° elev 3199 ft eye alt 4183 ft

TABLE 1

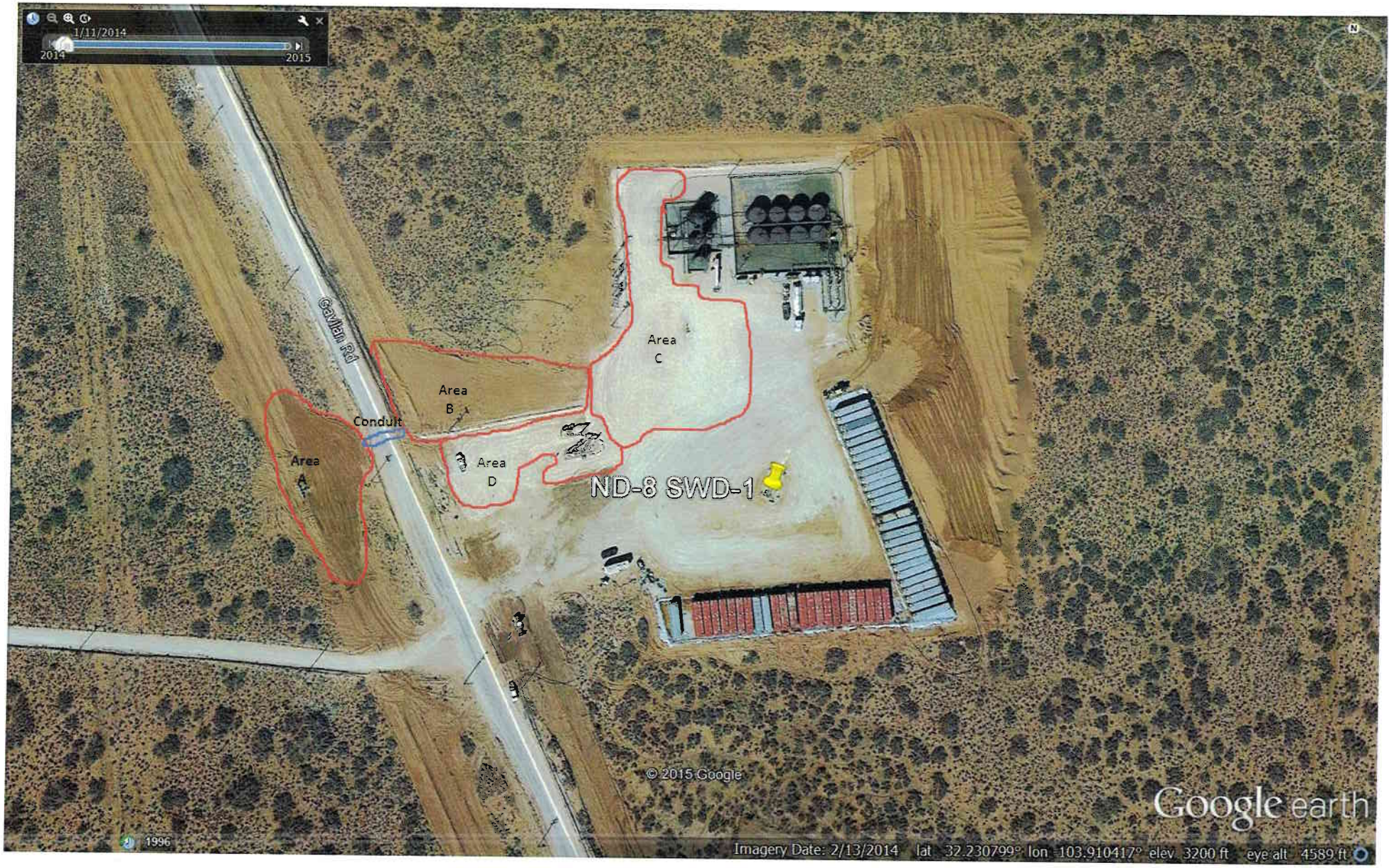
Chloride Field Test Results

BOPCO, LP
ND 8 SWD PW Spill

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	CHLORIDE (mg/Kg)
TT #1 @ 3'	3'	**13,040**
TT #1 @ 6'	6'	**2,616**
TT #1 @ 9'	9'	**208**
TT #2 North	3'	<128
TT #2 Middle	3'	<128
TT #2 South	3'	<128
TT #3 @ Surface	Surface	**1,912**
TT #3 @ 2'	2'	428
SP #1	3'	<120
SP #2	3'	**7,000**
SP #2	6'	396
SP #3	3'	**15,748**
SP #3	6'	**3,380**
SP #4	3'	236
SP #5	3'	**7,588**
SP #5	6'	**3,972**
SP #6	3'	**7,000**
SP #6	6'	**17,180**
SP #6	9'	**10,004**
SP #6	12'	**8,472**
SP #6	14'	**8,472**
SP #6	18'	**5,700**
SP #6	22'	208
SP #7	3'	**7,588**
SP #7	6'	**3,972**
SP #8	3'	**5,922**
SP #8	6'	604
SP #9	3'	**6,380**
SP #9	6'	**10,528**
SP #10	3'	**12,640**
SP #11	3'	704
SP #12	Surface	**11,520**
SP #12	3'	**13,928**
SP #13	3'	2408
SP #13	4'	<128
SP #14	Surface	**3,380**
SP #14	3'	**10,528**
SP #14	6'	<128
SP #14	8'	<128

Area A

Area A

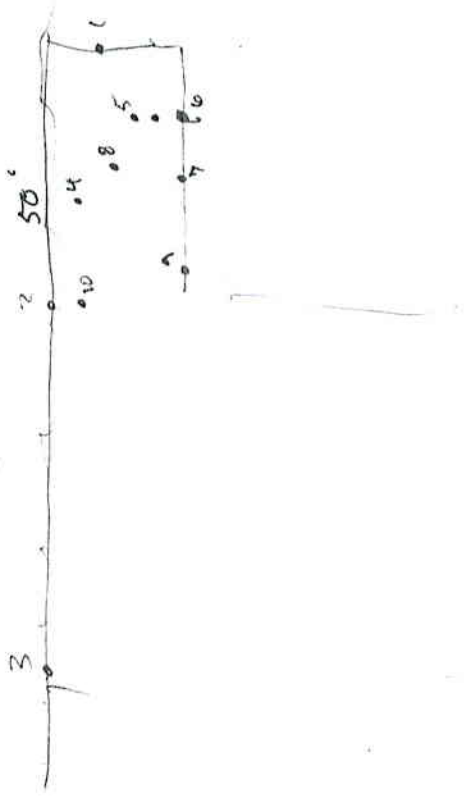

1/11/2014
2014
2015
Gaylen Rd
Area A
Area B
Area C
Area D
Conduit
ND-8 SWD-1
© 2015 Google
Google earth
1996
Imagery Date: 2/13/2014 lat 32.230799° lon -103.910417° elev 3200 ft eye alt 4589 ft

Private and confidential as detailed here. If you cannot access hyperlink, please e-mail sender.

WEST SIDE OF ROAD
NORTH END
12' - 7 2700PPM
14'~~15'~~ - 2616 ppm
16'~~17'~~ - 1428 ~~1240~~ ppm

Area "A"

Test Hole 12/11/13 only Field Data



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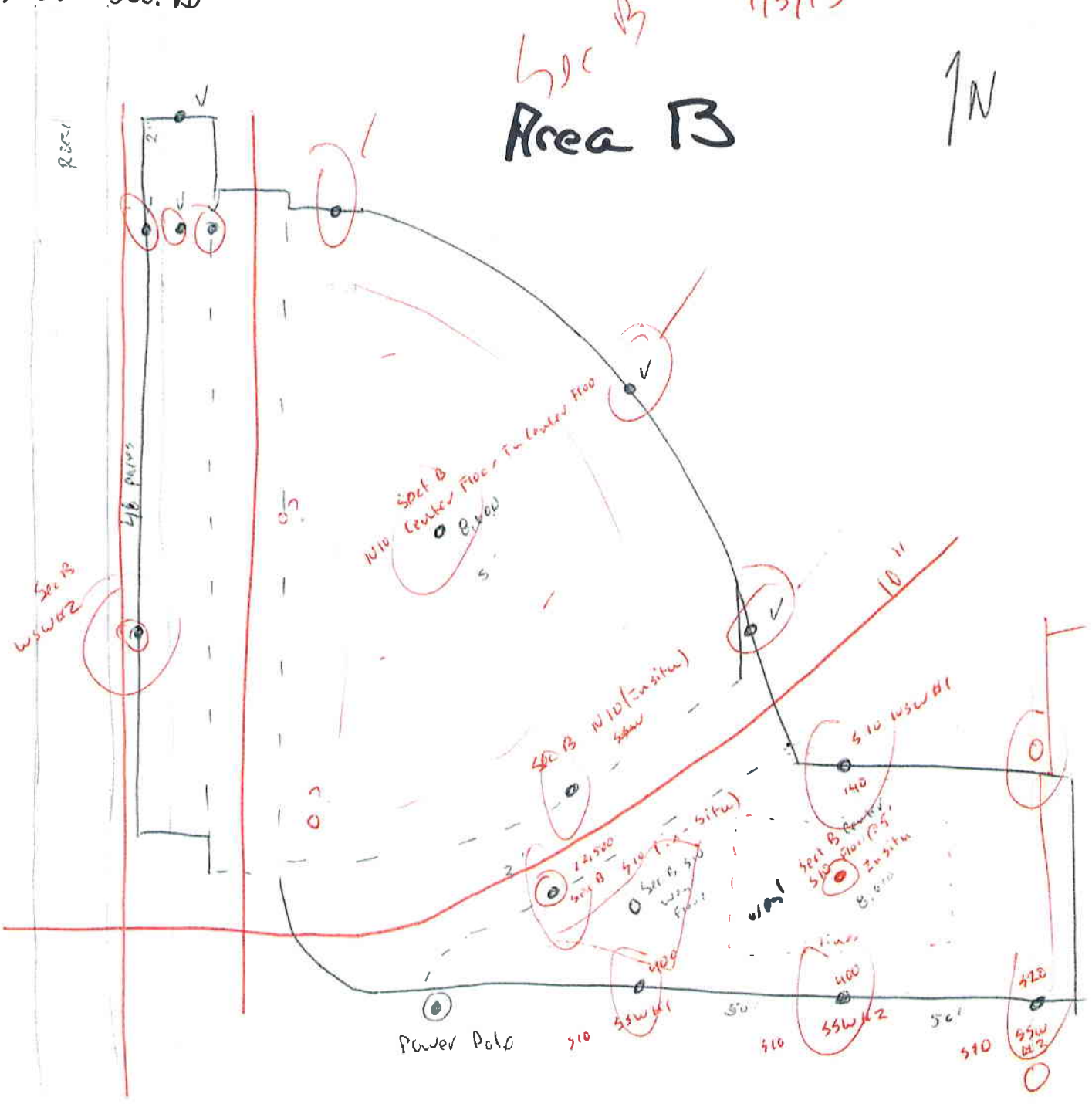
N08 Sec. B

1/3/13

Sec B

Area B

N

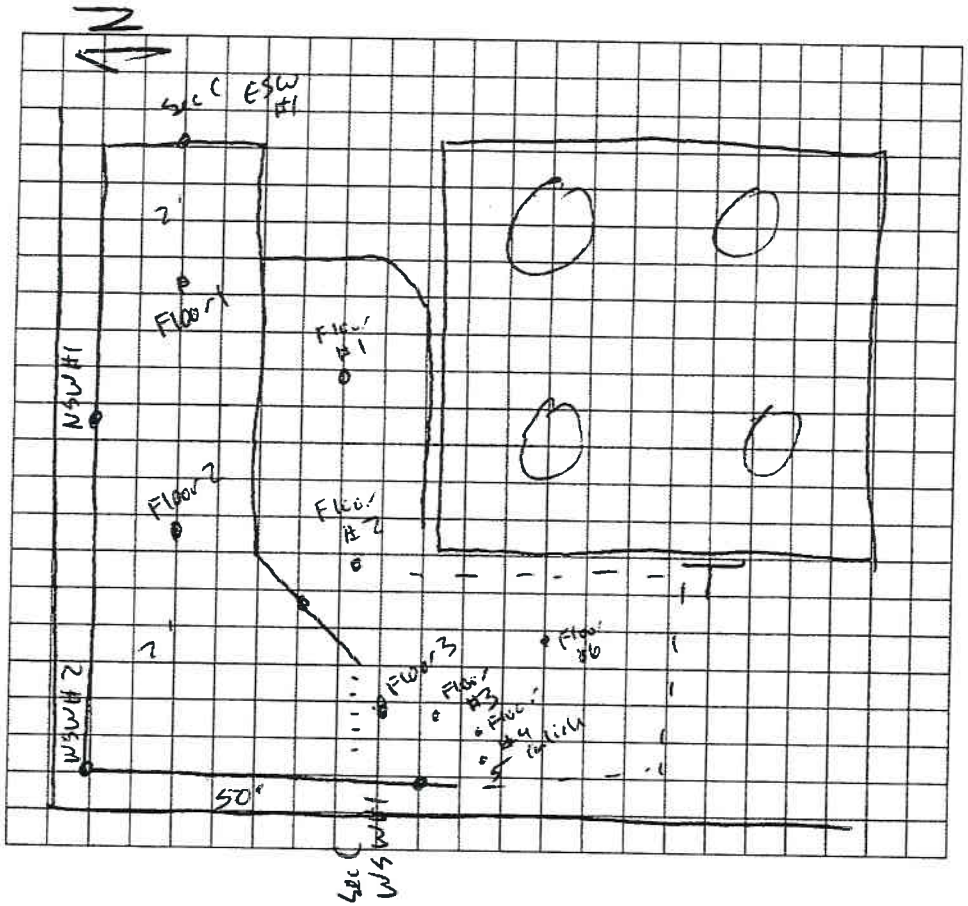


Area "C"

Date: 1/10/13

Notes: Continue Backfill East Elc, Stockpiling Clean Material
Continue Pushing Up Impacted Material near SWD
Load and Haul Impacted Material to Lea Land
Build Berms around remediated area west of Galaxy
Conduct Field Tests, Map, Collect Confirmation Samples

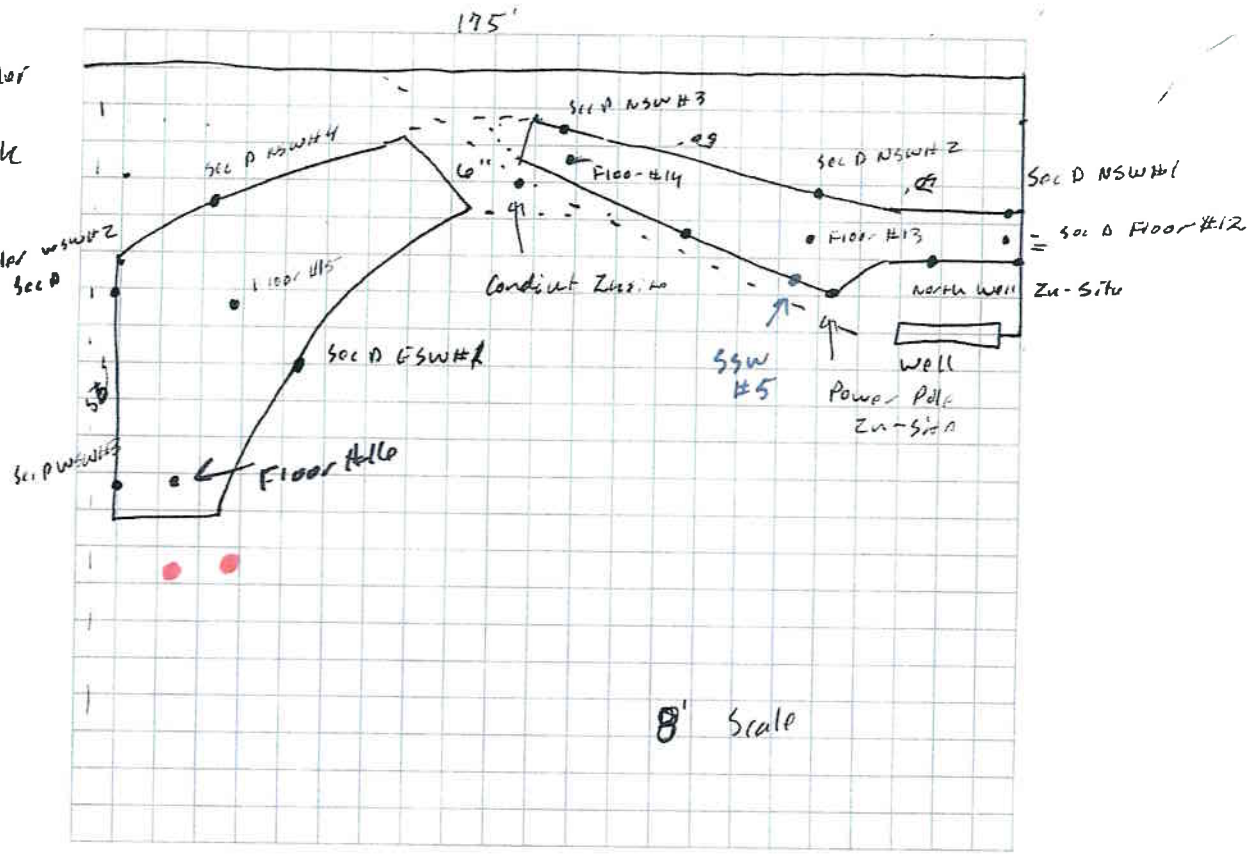
ID	CL-	
Sec C Floor #1@1'	5604	Lab
Sec C Floor #2@1'	438	Lab
Sec C Floor #3	472	
Floor #4 18"	72500	
Floor #5 (Sand)	6608	
Stockpile	72500	
Sec C WSW #1	280	Lab
Floor 6	688	Lab



Date: 1/4/14

Notes: Area "D"

ID	CL-	PID	
Sec D NSW#1 ✓	Good		desk
~~Sec D NSW#2~~ ✓	1024 ✓	1080	desk
Sec D NSW#3 ✓	136		
Sec D NSW#4	284		
Sec D WSW#2	640		
Sec D WSW#3	C2500		
Sec D ESW#1 ✓	550		trailer
Floor #12 ✓	Good		Desk
~~Floor #13~~	1264 ✓	1074	
Floor #14 ✓	980		
Floor #15 ✓	~~960~~ 600		
Floor #16	C250		
Sec D NSW#7	870		
Sec D Floor #13	820		
Conduit (Zn-Site)	2,220		
Power Pole	488		



Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., 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-103
May 27, 2004

WELL API NO. 30-015-33362

5. Indicate Type of Lease STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name: POKER LAKE UNIT

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

8. Well Number 192

2. Name of Operator: Bass Enterprises Production Co.

9. OGRID Number 001801

3. Address of Operator: P. O. Box 2760, Midland, TX 79702

10. Pool name or Wildcat: NASH DRAW - DELAWARE

RECEIVED
AUG 01 2005
OCD-ARTESIA

4. Well Location
Unit Letter L : 2130 feet from the SOUTH line and 380 feet from the WEST line
Section 8 Township 24S Range 30E NMPM County EDDY

11. Elevation (*Show whether DR, RKB, RT, GR, etc.*) 3193' GL

Pit or Below-grade Tank Application ☒ or Closure ☒

Pit type DRILLING Depth to Groundwater >100' Distance from nearest fresh water well >200' Distance from nearest surface water >1000'

Pit Liner Thickness: 12 mil Below-Grade Tank: Volume 7300 bbls; Construction Material SYNTHETIC

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
OTHER:OPEN TRENCH PIT/CLOSE PIT			☒	OTHER:			☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Drilling Pit will be closed per guidelines: Section IV-B-3-b.

Permit requested to open trench pit 170' X 15' wide 12 mil liner push in drilling cuttings and close by covering with 20 mil liner and 3' of top soil.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Cindi Goodman TITLE Production Clerk DATE 07/26/2005

Type or print name Cindi Goodman E-mail address: cdgoodman@basspet.com Telephone No. (432)683-2277

For State Use Only

APPROVED BY: Mike Bratcher TITLE _____ DATE AUG 03 2005

Conditions of Approval (if any):

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., 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-103
May 27, 2004

WELL API NO. 30-015-33362

5. Indicate Type of Lease STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name
POKER LAKE UNIT

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

RECEIVED
MAR 15 2006
OCD-ARTESIA

8. Well Number 192 Q

2. Name of Operator
Bass Enterprises Production Co.

9. OGRID Number 001801

3. Address of Operator P. O. Box 2760
Midland, TX 79702

10. Pool name or Wildcat
NASH DRAW - DELAWARE

4. Well Location
Unit Letter L : 2130 feet from the SOUTH line and 380 feet from the WEST line
Section 8 Township 24S Range 30E NMPM County EDDY

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3193' GL

Pit or Below-grade Tank Application ☐ or Closure ☒

Pit type DRILLING Depth to Groundwater >100' Distance from nearest fresh water well >200' Distance from nearest surface water >1000'

Pit Liner Thickness: 12 mil Below-Grade Tank: Volume 7300 bbls; Construction Material SYNTHETIC

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
OTHER:	☐			OTHER:PIT CLOSURE	☒		

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

PIT WAS CLOSED 10/04/05, PER PLAN APPROVED ON 08/03/05.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. **I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.**

SIGNATURE Cindi Goodman TITLE Production Clerk DATE 03/09/2006

Type or print name Cindi Goodman E-mail address:cdgoodman@basspet.com Telephone No. (432)683-2277

For State Use Only

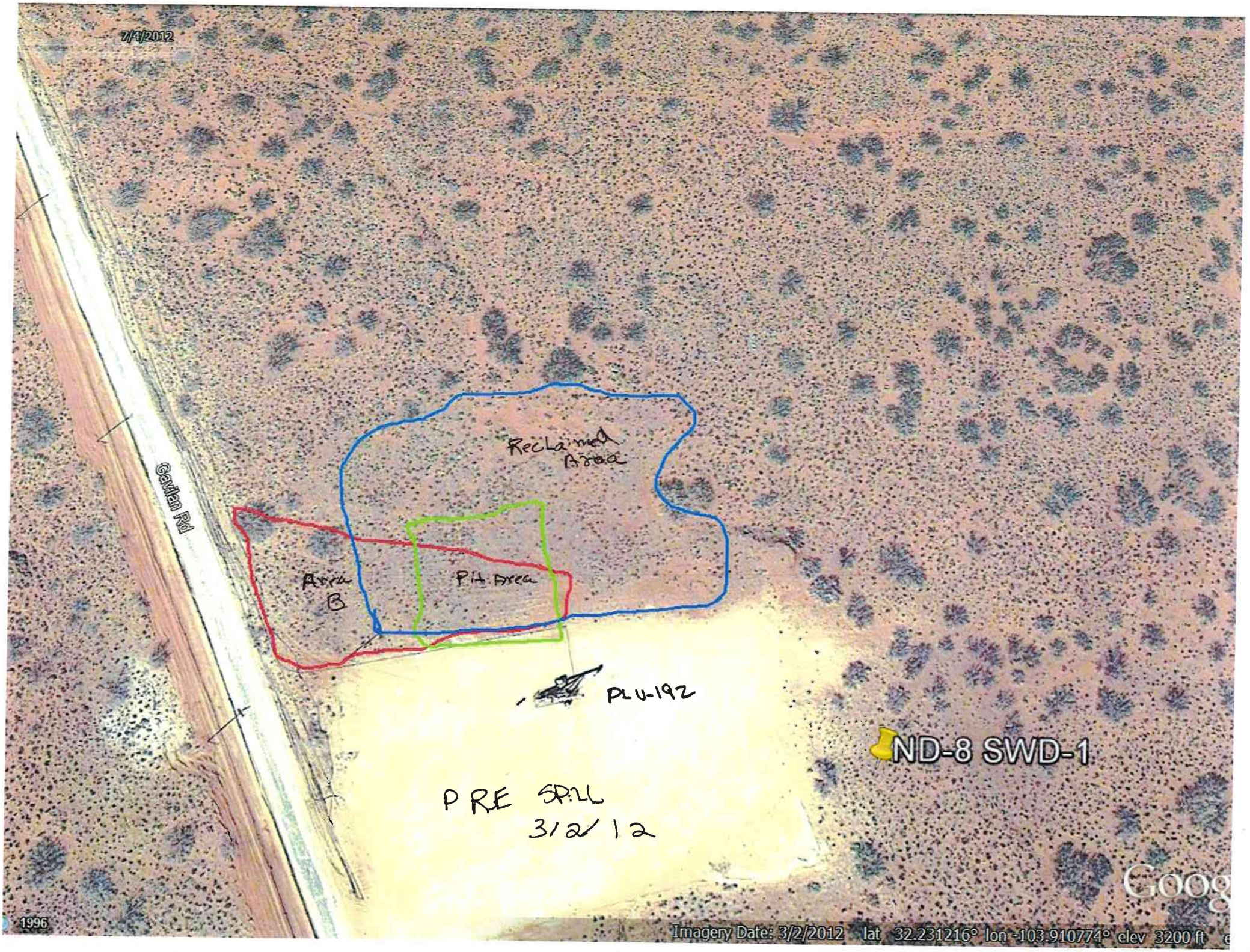
APPROVED BY: _____ TITLE _____ DATE MAR 16 2006

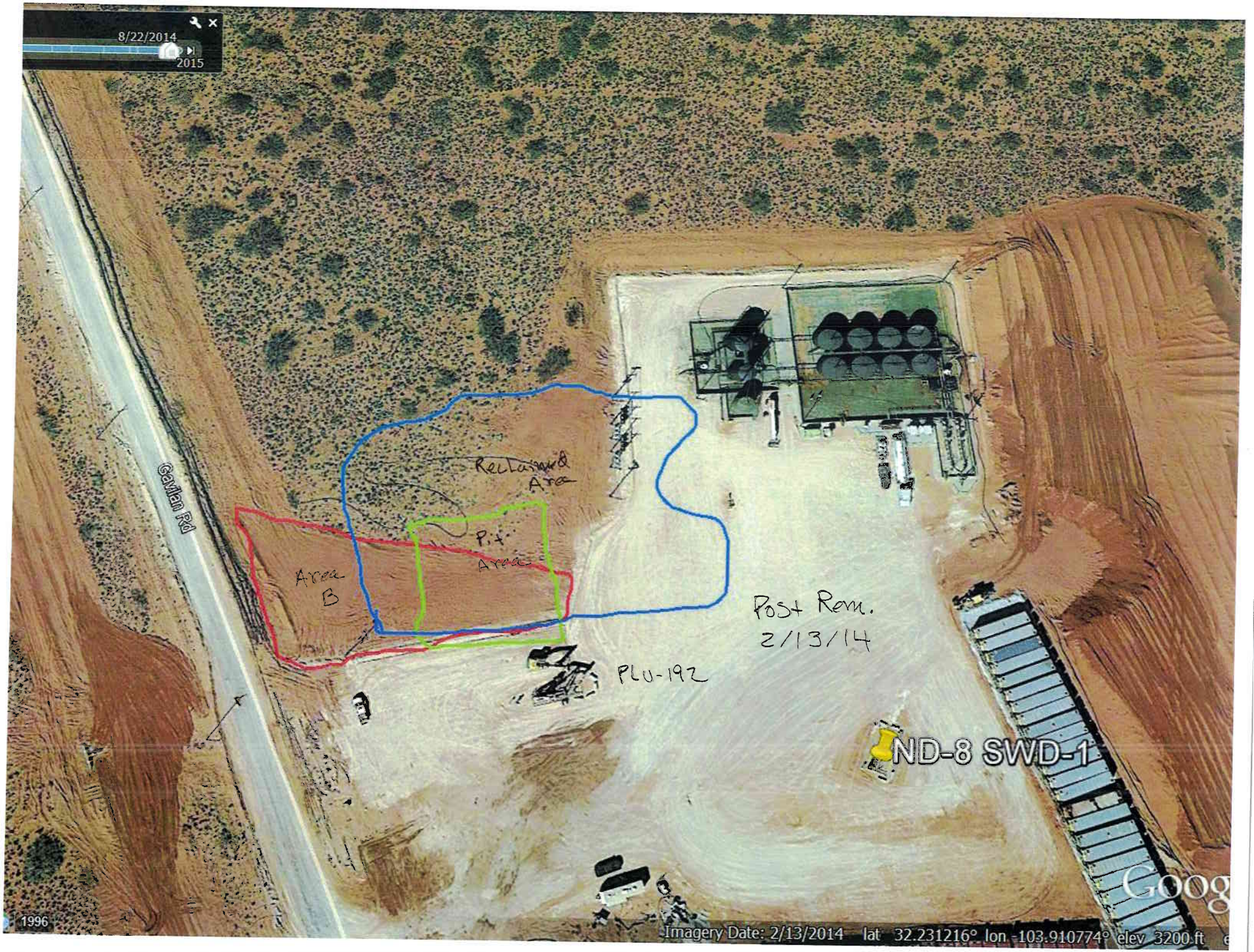
Conditions of Approval (if any):

Accepted for record - NMOCD


10/20/2005
Gaylan Rd
6/30/05
Reserve Pits
PLU-192
ND-8 SWD-1
Image NMRGIS
1996
Imagery Date: 6/30/2005 lat 32.231216° lon -103.910774° elev 3200 ft


4/30/2007
Gavilan Rd
Re-claimed
Area
2/15/07
P10-192
ND-8 SWD-1
Image © 2015 DigitalGlobe
1996
Imagery Date: 2/15/2007 lat 32.231216° lon -103.910774° elev 3200 ft


7/4/2012
Gaylan Rd
Reclaimed Area
Area B
Pit Area
PLU-192
ND-8 SWD-1
PRE SPILL
3/2/12
1996
Imagery Date: 3/2/2012 lat 32.231216° lon -103.910774° elev 3200 ft


8/22/2014
2015
Gaylain Rd
Reclaimed Area
Pit Areas
Area B
Post Rem. 2/13/14
PLU-192
ND-8 SWD-1
1996
Imagery Date: 2/13/2014 lat 32.231216° lon -103.910774° elev 3200 ft

Tables

TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

BOPCO, LP
NASH DRAW 8 SWD #1
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: 2RP-2081

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	METHOD: EPA SW 846-8021B, 5030					METHOD: 8015M			TOTAL TPH	4500 Cl-B
				BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C_6-C_{12} (mg/Kg)	DRO C_{12}-C_{28} (mg/Kg)	ORO C_{28}-C_{35} (mg/Kg)	C_6-C_{35} (mg/Kg)	CHLORIDE (mg/Kg)
SP #2 Surface	Surface	12/3/2013	In-Situ	-	-	-	-	-	-	-	-	-	**4,200**
SP #7 Surface	Surface	12/3/2013	Excavated	-	-	-	-	-	<100	7,020	1,440	**8,460**	<16.0
SP #9 @ 6'	6'	12/3/2013	In-Situ	-	-	-	-	-	-	-	-	-	**9,330**
SP #12 @ 2'	2'	12/3/2013	In-Situ	-	-	-	-	-	-	-	-	-	**12,600**
Gun Barrel 1' bgs	1'	12/9/2013	In-Situ	-	-	-	-	-	-	-	-	-	**1,730**
Gun Barrel 3' bgs	3'	12/9/2013	In-Situ	-	-	-	-	-	-	-	-	-	432
Gun Barrel 5' bgs	5'	12/9/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.150	<10.0	<10.0	<10.0	<10.0	**1,100**
Sec. A N10 NSW #1		12/20/2013	In-Situ	-	-	-	-	-	-	-	-	-	<16.0
Sec. A N10 ESW b		12/20/2013	In-Situ	-	-	-	-	-	-	-	-	-	304
Sec. A N10 SSW (In-Situ)	2' PL Buffer	12/20/2013	In-Situ	-	-	-	-	-	-	-	-	-	**12,100**
Sec. A N10 West Floor @ 2'	2' PL Buffer	12/20/2013	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	**14,500**
Sec. A N10 East Floor @ 4'	4' PL Buffer	12/20/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.150	<10.0	<10.0	<10.0	<10.0	**4,160**
Sec. A S10 NSW (In-Situ)		12/20/2013	In-Situ	-	-	-	-	-	-	-	-	-	1,760
Sec. A S10 ESW d		12/20/2013	In-Situ	-	-	-	-	-	-	-	-	-	256
Sec. A S10 SSW f		12/20/2013	In-Situ	-	-	-	-	-	-	-	-	-	224
Sec. A S10 SWSW b		12/20/2013	In-Situ	-	-	-	-	-	-	-	-	-	<16.0
Sec. A S10 West Floor @ 2'	2' PL Buffer	12/20/2013	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	**8,530**
Sec. A S10 East Floor @ 4'	4' PL Buffer	12/20/2013	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	**7,040**
Sec. B NSW #1c		12/23/2013	In-Situ	-	-	-	-	-	-	-	-	-	496
Sec. B NSW #3d		12/23/2013	In-Situ	-	-	-	-	-	-	-	-	-	416
Sec. B NESW #1b		12/23/2013	In-Situ	-	-	-	-	-	-	-	-	-	496
Sec. B West SW #1	2' PL Buffer	12/26/2013	In-Situ	-	-	-	-	-	-	-	-	-	**6,080**
Sec. B NW Floor	2' PL Buffer	12/26/2013	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.150	<10.0	<10.0	<10.0	<10.0	**12,700**
Sec. B ESW (In-Situ)	3' Utility Buffer	12/26/2013	In-Situ	-	-	-	-	-	-	-	-	-	**6,660**
Sec. B SSW #1c		1/3/2014	In-Situ	-	-	-	-	-	-	-	-	-	368
Sec. B SSW #2c		1/3/2014	In-Situ	-	-	-	-	-	-	-	-	-	304
Sec. B SSW #3b		1/3/2014	In-Situ	-	-	-	-	-	-	-	-	-	448
Sec. B S10 NSW #1		1/3/2014	In-Situ	-	-	-	-	-	-	-	-	-	80.0
Sec. B S10 NSW #2		1/3/2014	In-Situ	-	-	-	-	-	-	-	-	-	**1,710**
Sec. B WSW #2	3' PL Buffer	1/3/2014	In-Situ	-	-	-	-	-	-	-	-	-	**11,300**
Sec. B N10 (In-Situ)	4' Pit	1/3/2014	In-Situ	-	-	-	-	-	-	-	-	-	**5,440**
Sec. B S10 (In-Situ)	4' Pit	1/3/2014	In-Situ	-	-	-	-	-	-	-	-	-	**5,680**
Sec. B N10 Center Floor (In-Situ)	4' Pit	1/3/2014	In-Situ	-	-	-	-	-	<10.0	101	<10.0	101	**7,520**
Sec. B S10 Center Floor (In-Situ)	4' Pit	1/3/2014	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	**7,330**
Sec. B S10 West Floor (In-Situ)	4' Pit	1/3/2014	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	**5,920**
Sec. C ESW #1		1/7/2014	In-Situ	-	-	-	-	-	-	-	-	-	256
Sec. C NSW #1		1/7/2014	In-Situ	-	-	-	-	-	-	-	-	-	352

TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

BOPCO, LP
NASH DRAW 8 SWD #1
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: 2RP-2081

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	METHOD: EPA SW 846-8021B, 5030					METHOD: 8015M			TOTAL TPH	4500 Cl-B
				BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C_6-C_{12} (mg/Kg)	DRO C_{12}-C_{28} (mg/Kg)	ORO C_{28}-C_{35} (mg/Kg)	C_6-C_{35} (mg/Kg)	CHLORIDE (mg/Kg)
Sec. C NSW #2		1/7/2014	In-Situ	-	-	-	-	-	-	-	-	-	176
Sec. C SSW #1		1/7/2014	In-Situ	-	-	-	-	-	-	-	-	-	128
Sec. C SSW #2		1/7/2014	In-Situ	-	-	-	-	-	-	-	-	-	288
Sec. C Floor #1 @ 2'	2'	1/7/2014	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.150	<10.0	<10.0	<10.0	<10.0	592
Sec. C Floor #2 @ 2'	2'	1/7/2014	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.150	<10.0	<10.0	<10.0	<10.0	624
Sec. C Floor #3		1/10/2014	In-Situ	-	-	-	-	-	-	-	-	-	624
Sec. C WSW #1		1/10/2014	In-Situ	-	-	-	-	-	-	-	-	-	128
Sec. C West SW #2		1/14/2014	In-Situ	-	-	-	-	-	-	-	-	-	288
Sec. C West SW #3		1/14/2014	In-Situ	-	-	-	-	-	-	-	-	-	64.0
Sec. C West SW #4		1/14/2014	In-Situ	-	-	-	-	-	-	-	-	-	64.0
Sec. C East SW #2 (In-Situ)	2' Cont. Buffer	1/14/2014	In-Situ	-	-	-	-	-	-	-	-	-	**3,080**
Sec. C East SW #3 (In-Situ)		1/14/2014	In-Situ	-	-	-	-	-	-	-	-	-	367
Sec. C Floor #4		1/14/2014	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	<16.0
Sec. C Floor #5		1/14/2014	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	<16.0
Sec. C ESW #4		1/20/2014	In-Situ	-	-	-	-	-	-	-	-	-	<16.0
Sec. C Floor #6		1/20/2014	In-Situ	-	-	-	-	-	-	-	-	-	<16.0
Sec. C Floor #7		1/23/2014	In-Situ	-	-	-	-	-	-	-	-	-	128
Sec. C Floor #8		1/23/2014	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	160
Sec. C ESW #5		1/23/2014	In-Situ	-	-	-	-	-	-	-	-	-	<16.0
Sec. C WSW #5		1/23/2014	In-Situ	-	-	-	-	-	-	-	-	-	<16.0
Sec. C ESW #6		1/27/2014	In-Situ	-	-	-	-	-	-	-	-	-	288
Sec. C ESW #7		1/27/2014	In-Situ	-	-	-	-	-	-	-	-	-	240
Sec. C ESW #8		1/27/2014	In-Situ	-	-	-	-	-	-	-	-	-	352
Sec. C Floor #8		1/27/2014	In-Situ	-	-	-	-	-	-	-	-	-	256
Sec. D SSW #1		1/29/2014	In-Situ	-	-	-	-	-	-	-	-	-	48.0
Sec. D SSW #2		1/29/2014	In-Situ	-	-	-	-	-	-	-	-	-	608
Sec. D SSW #3		1/29/2014	In-Situ	-	-	-	-	-	-	-	-	-	560
Sec. D SSW #4		1/29/2014	In-Situ	-	-	-	-	-	-	-	-	-	480
Sec. D WSW #1		1/29/2014	In-Situ	-	-	-	-	-	-	-	-	-	640
Sec. D Floor #10		1/29/2014	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.150	<10.0	<10.0	<10.0	<10.0	48.0
Sec. D South Well (In-Situ)	2' Well Buffer	1/29/2014	In-Situ	-	-	-	-	-	-	-	-	-	**2,240**
Sec. D NSW #1		2/4/2014	In-Situ	-	-	-	-	-	-	-	-	-	944
Sec. D NSW #2		2/4/2014	In-Situ	-	-	-	-	-	-	-	-	-	**1,060**
Sec. D NSW #3		2/4/2014	In-Situ	-	-	-	-	-	-	-	-	-	720
Sec. D NSW #4		2/4/2014	In-Situ	-	-	-	-	-	-	-	-	-	320

TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

BOPCO, LP
NASH DRAW 8 SWD #1
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: 2RP-2081

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	METHOD: EPA SW 846-8021B, 5030					METHOD: 8015M			TOTAL TPH C_6-C_{35} (mg/Kg)	4500 Cl-B
				BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C_6-C_{12} (mg/Kg)	DRO C_{12}-C_{28} (mg/Kg)	ORO C_{28}-C_{35} (mg/Kg)		CHLORIDE (mg/Kg)
Sec. D WSW #2		2/4/2014	In-Situ	-	-	-	-	-	-	-	-	-	688
Sec. D ESW #1		2/4/2014	In-Situ	-	-	-	-	-	-	-	-	-	448
Sec. D Floor #11		2/4/2014	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	608
Sec. D Floor #12		2/4/2014	In-Situ	-	-	-	-	-	-	-	-	-	**1,180**
Sec. D Floor #13		2/4/2014	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.150	<10.0	<10.0	<10.0	<10.0	992
Sec. D Floor #14		2/4/2014	In-Situ	-	-	-	-	-	-	-	-	-	464
Sec. D Floor #15		2/4/2014	In-Situ	-	-	-	-	-	<10.0	<10.0	<10.0	<10.0	80.0
Sec. D SSW #5		2/4/2014	In-Situ	-	-	-	-	-	-	-	-	-	464
Sec. D Conduit (In-Situ)		2/4/2014	In-Situ	-	-	-	-	-	-	-	-	-	784
NMOCD Criteria				**10**					**50**			**5,000**	**1,000**

- = Not analyzed.

Appendices

Appendix A

Release Notification & Corrective Action (Form C-141)

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

RECEIVED
NOV 26 2013
NMOCD ARTESIA

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

nJMW1333051310

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: BOPCO, L.P. 260737	Contact: Tony Savoie
Address: 522 W. Mermod, Suite 704 Carlsbad, N.M. 88220	Telephone No. 575-887-7329
Facility Name: Nash Draw 8 SWD #1	Facility Type: Exploration and Production

Surface Owner: Federal	Mineral Owner: Federal	API No. 30-015-41351

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County: Eddy
L	8	24S	30E	2075	South	630	West	

Latitude N 32.231646 **Longitude** W 103.910656

NATURE OF RELEASE

Type of Release: Produced water and crude oil	Volume of Release: 10 bbls crude oil and 4,357 bbls produced water	Volume Recovered: 7 bbls crude oil and 4,207 bbls produced water.
Source of Release: Gun-barrel over flow	Date and Hour of Occurrence 11/22/13 at 3:00 a.m.	Date and Hour of Discovery: 11/22/13 at 3:00 a.m.
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? NMOCD emergency number 104 and the BLM	
By Whom? Tony Savoie	Date and Hour 11/22/13 at 8:16 a.m., BLM 11/22/13 at 8:19 a.m.	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Water was being transferred into the gun-barrels and the facility storage tanks to supply water to the Aquilla rig #8, a valve was discovered closed on the transfer line to the storage tanks causing the gun-barrels to overflow inside the impervious containment. The containment overflowed into the adjoining impervious containment around the skim tank and onto the ground. The valve alignment was corrected and vacuum trucks started recovering the spilled produce water.

Describe Area Affected and Cleanup Action Taken.* The spill impacted the area around the facility SWD the adjoining well pad for the PLU-192, the new pad around the ND-8 SWD well, Rawhide road and adjoining pasture area. Approximately 50,600 sq.ft. of well pad, tank battery pad and lease road along with approximately 12,000 sq.ft. of pasture area, the spill happened during a rain, sleet and snow event. The areas impacted may be more or less than the area described due to the weather conditions during and after the spill event, also the volume loss may be subject to correction based on the remediation findings. All of the free standing fluid which was produced water and rain water was picked up with vacuum trucks and put back into the disposal or transferred off-site. The containment around the gun-barrel tanks held approximately 3225 bbls., the containment around the skim tank held approximately 382 bbls. all of this was recovered along with approximately 600 bbls in the pasture area.
The spill area will be cleaned up in accordance to the NMOCD and BLM remediation guidelines.

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: Tony Savoie

Printed Name: Tony Savoie

Title: Waste Management and Remediation Specialist

E-mail Address: tasavoie@basspet.com

Date: 11/25/13 Phone: 432-556-8730

OIL CONSERVATION DIVISION

Approved by Environmental Specialist: Signed By Mike Bratcher

Approval Date: NOV 26 2013 Expiration Date:

Conditions of Approval:
Remediation per OCD Rule & Guidelines, & like approval by BLM. SUBMIT REMEDIATION PROPOSAL NO LATER THAN: December 26, 2013

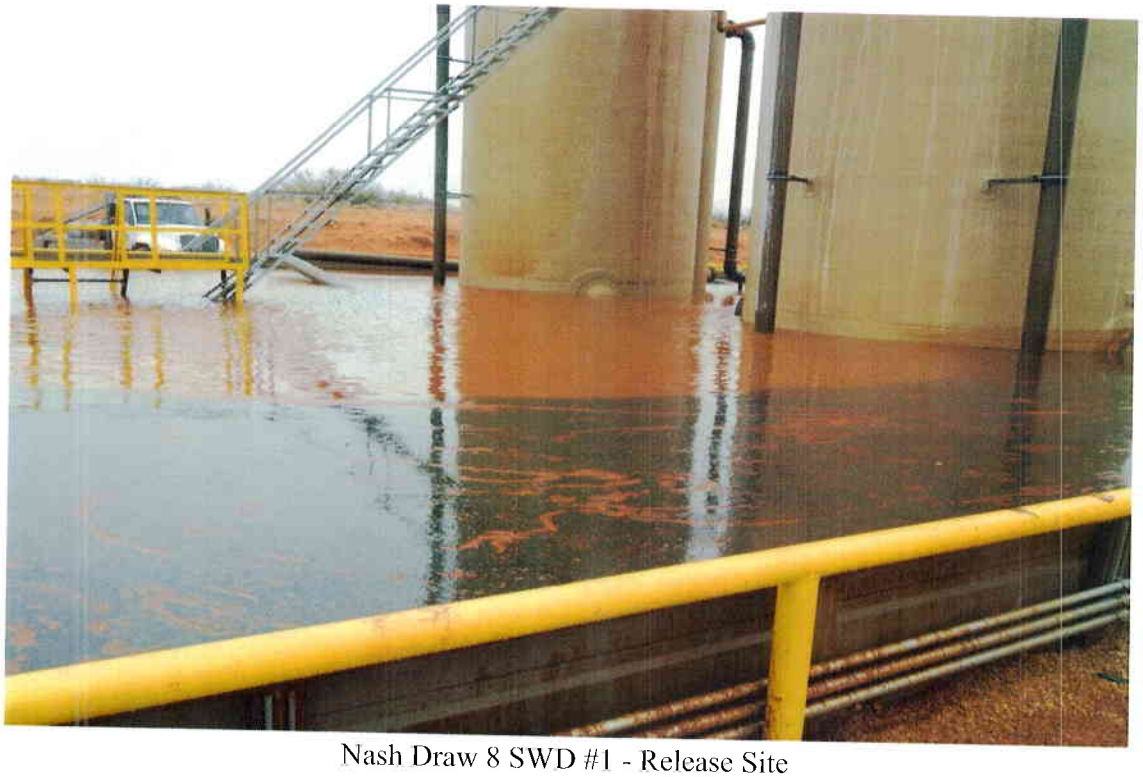
Attached ☐

2RP-2081

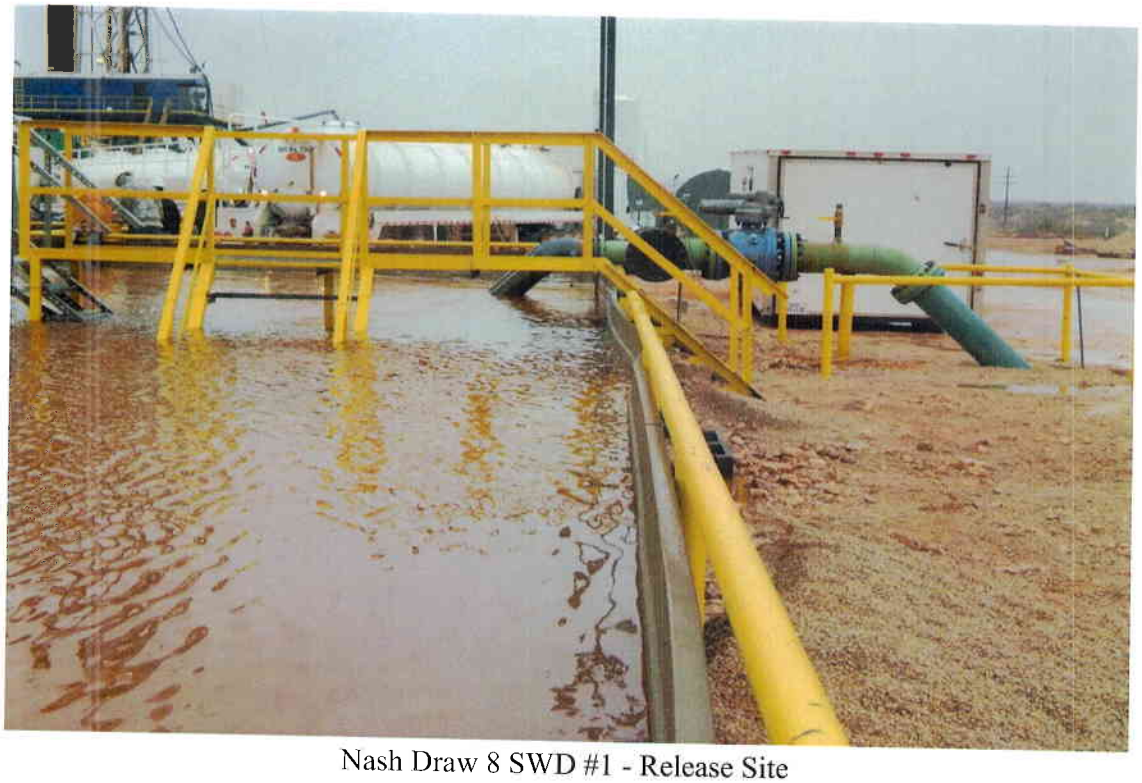
* Attach Additional Sheets If Necessary

Appendix B

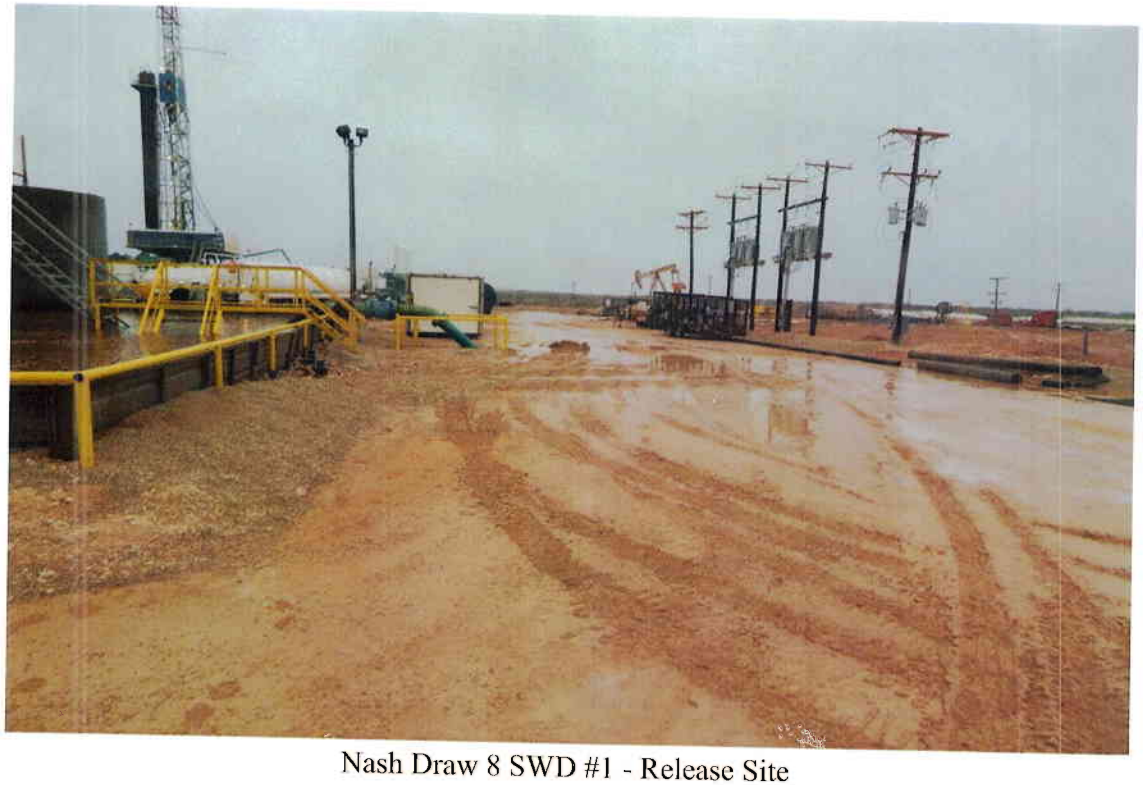
Photographs



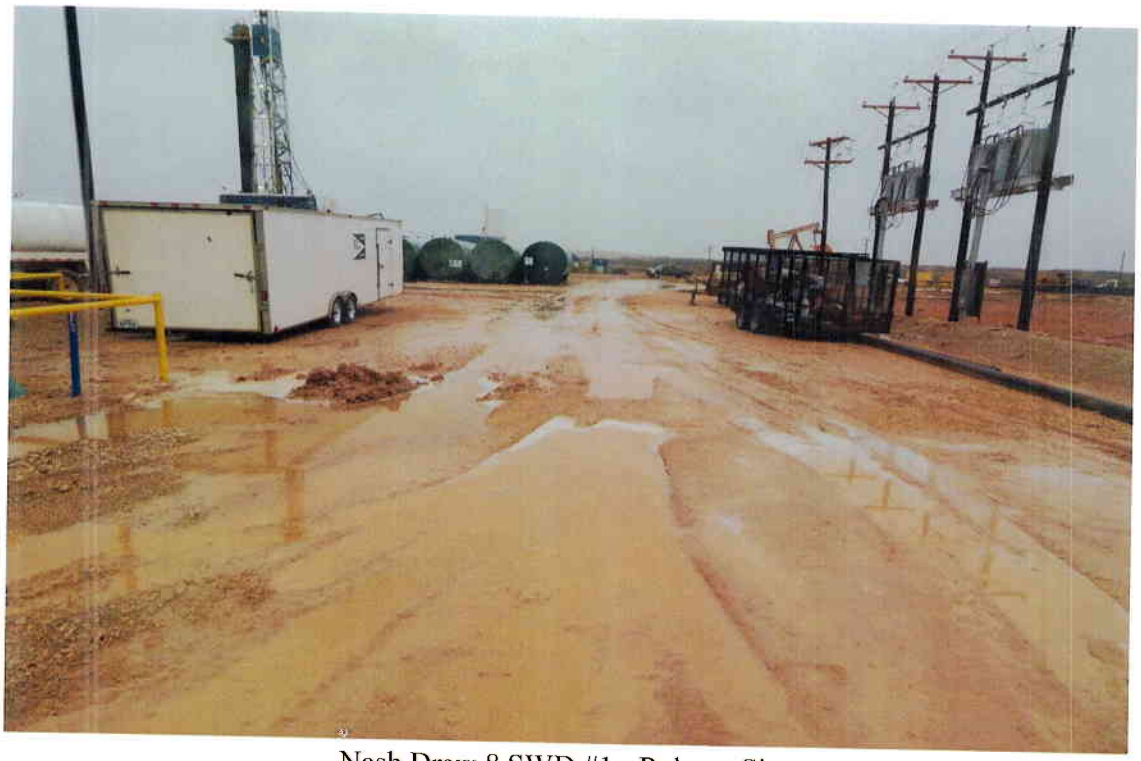
Nash Draw 8 SWD #1 - Release Site



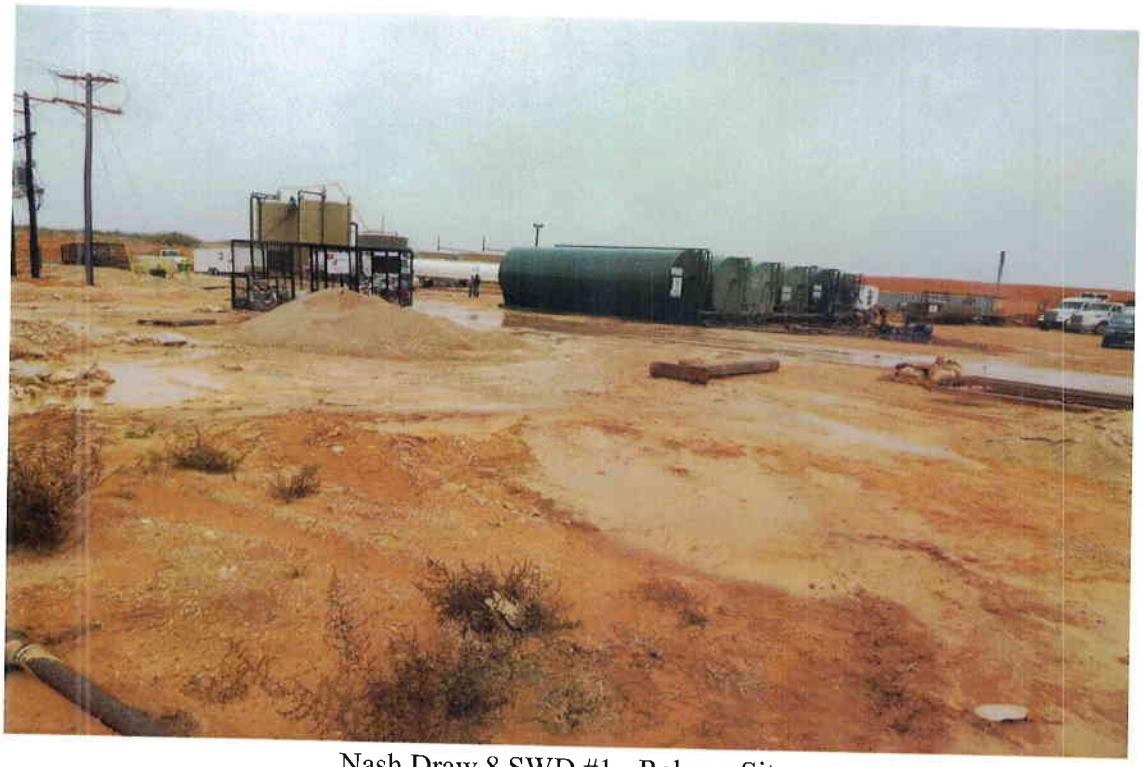
Nash Draw 8 SWD #1 - Release Site



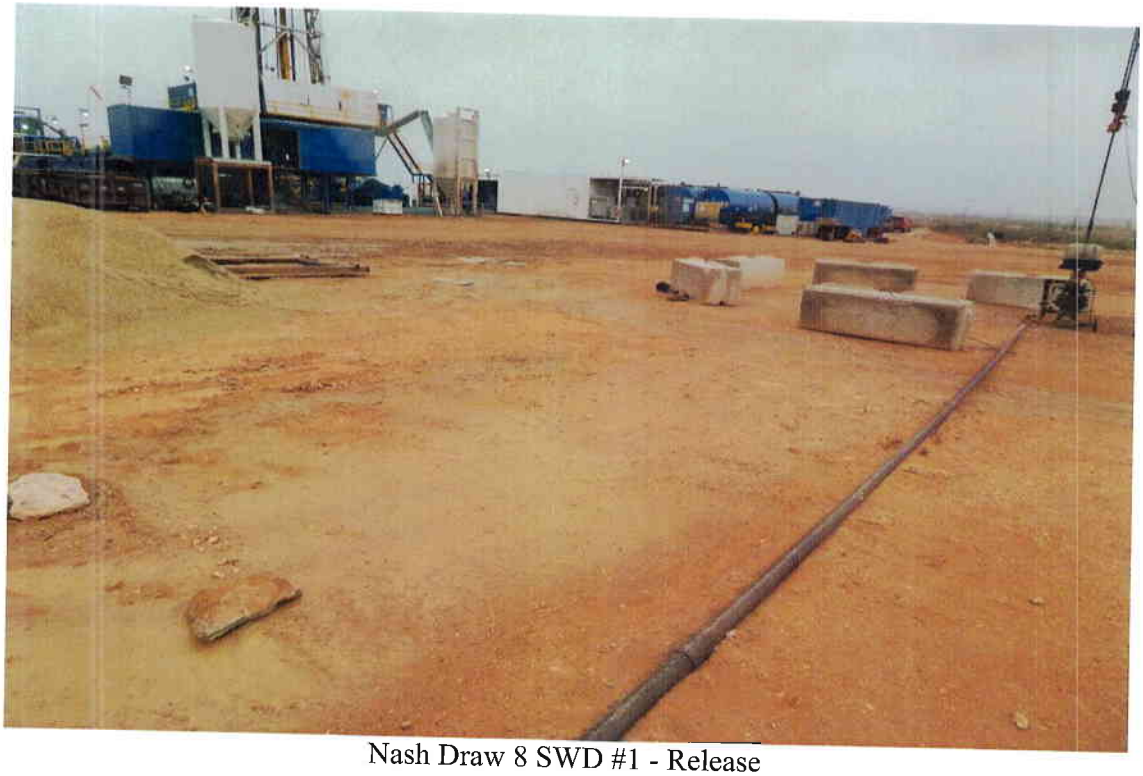
Nash Draw 8 SWD #1 - Release Site



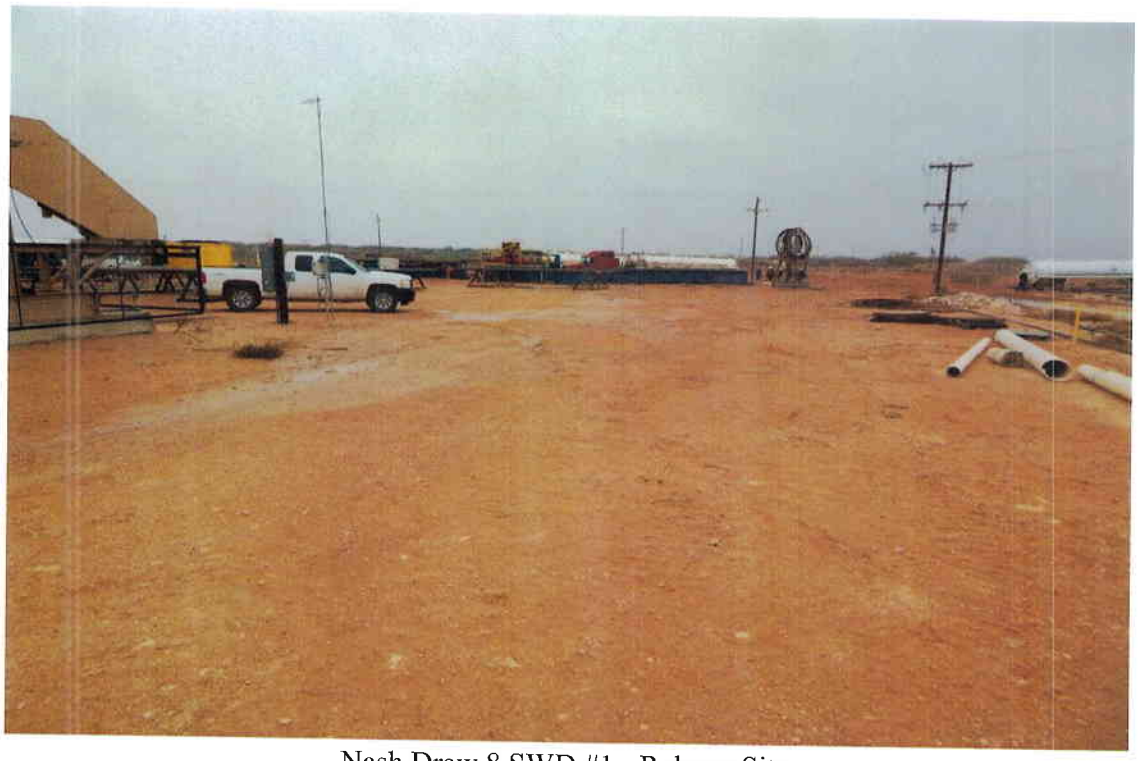
Nash Draw 8 SWD #1 - Release Site



Nash Draw 8 SWD #1 - Release Site



Nash Draw 8 SWD #1 - Release



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Nash Draw 8 SWD #1 - Release Site

Nash Draw 8 SWD #1 - Section A Excavation (Looking North)

Nash Draw 8 SWD #1 - Section A Excavation (Looking Northwest)

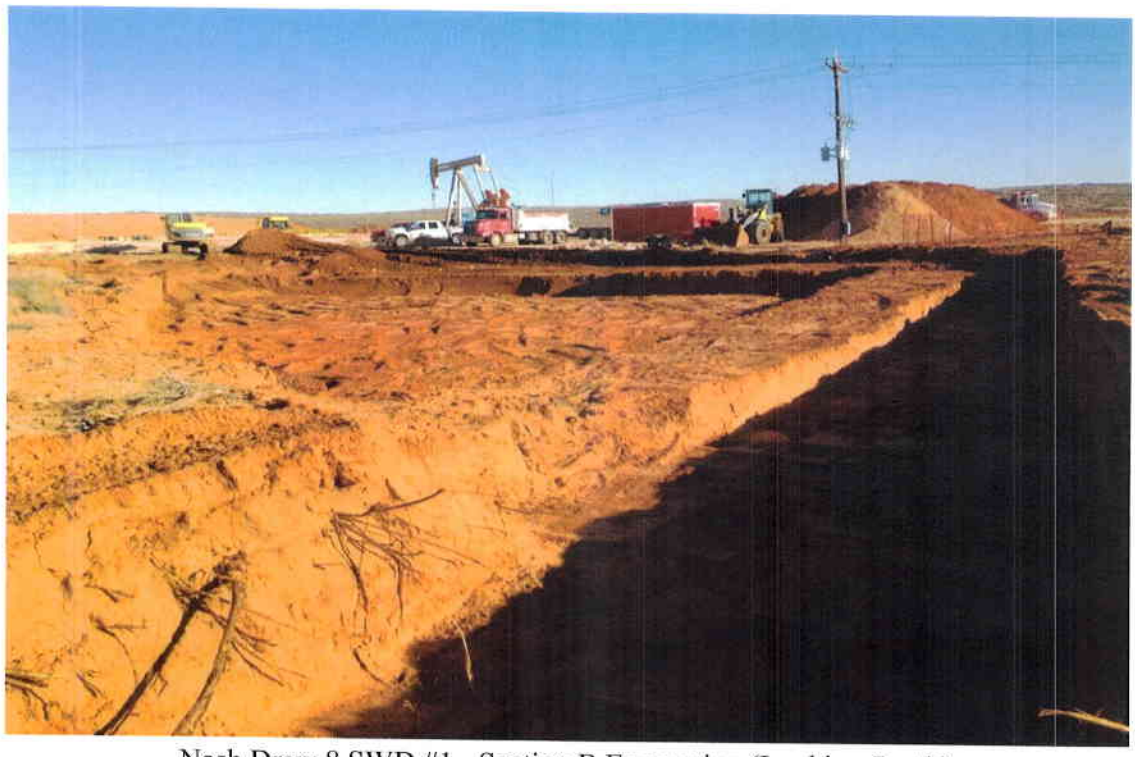
Nash Draw 8 SWD #1 - Section A Excavation (Looking South)

Nash Draw 8 SWD #1 - Section A Excavation (During Backfill)

Nash Draw 8 SWD #1 - Section A Excavation (During Backfill)

Nash Draw 8 SWD #1 - Section B Excavation (Looking North)

Nash Draw 8 SWD #1 - Section B Excavation (Looking Northeast)



Nash Draw 8 SWD #1 - Section B Excavation (Looking South)

Nash Draw 8 SWD #1 - Section B Excavation (Looking West)

Nash Draw 8 SWD #1 - Section B Excavation (Looking Southeast)

Nash Draw 8 SWD #1 - Section B Excavation (Looking South)

Nash Draw 8 SWD #1 - Section B Excavation (Looking Southeast)

Nash Draw 8 SWD #1 - Section B Excavation (During Backfill)

Nash Draw 8 SWD #1 - Section B Excavation (During Backfill)

Nash Draw 8 SWD #1 - Section B Excavation (During Backfill)

Nash Draw 8 SWD #1 - Section B Excavation (During Backfill)

Nash Draw 8 SWD #1 - Section C Excavation (Looking Southeast)

Nash Draw 8 SWD #1 - Section C Excavation (Looking South

Nash Draw 8 SWD #1 - Section C Excavation (Looking Northeast)

Area "A" Buffer Zones