11490 Westheimer Road, Suite 950, Houston, Texas 77077 • Phone 832-672-4700 • Fax 832-672-4609

November 3, 2021

New Mexico Oil Conservation Division
State of New Mexico
Energy, Minerals, and Natural Resources
Oil Conservation Division
811 S. First St., Artesia NM 88210

RE: Revised Remediation Plan
Incident ID: NRM2000354631
AEP #: 10302019-1600-prodops
Location: Dagger Lake Tank Battery 10.30.19

NMOCD,

Thank you for your approval of the Dagger Lake Tank Battery remediation work plan (#NRM2000354631). In response to the conditions of approval set forth in NMOCD's May 4, 2020 remediation plan approval, Advance Energy Partners (AEP) presents this revised remediation plan that provides additional sampling data, depth to water determination, and status of in-situ bioremediation. To comply with 19.15.29.12.D.(1).(b) NMAC, we respectfully ask for NMOCD approval of this revised remediation plan.

In June 2020, AEP performed additional soil sampling to monitor the effectiveness of in-situ bioremediation and MicroBlaze applications. Below is a summary of events.

- Initial MicroBlaze application (11/04/2019)
- Brush hog and aerate impacted area (04/01/2020)
- Resampled in June 2020
- Aerate, brush bog, and 2nd application of MicroBlaze (09/03/2020)

The release occurred in areas that are 1) in-use and on an active production site for oil & gas operations and 2) not in-use within pastureland south of the active production site.

Therefore, soil samples will horizontally and vertically delineate to the following closure criteria for areas in-use and not in-use; where depth to water is >100 ft, as defined in Table 1 of 19.15.29 NMAC.

- Off-site south of the active production pad
  - Upper 4-feet
    - Chloride < 600 mg/kg
    - TPH (GRO + DRO + MRO) < 100 mg/kg
    - BTEX < 50 mg/kg
    - Benzene < 10 mg/kg
  - Below 4-feet
    - Chloride < 20,000 mg/kg
    - TPH (GRO + DRO + MRO) < 2,500 mg/kg
    - TPH (GRO + DRO) < 1,000 mg/kg
    - BTEX < 50 mg/kg
    - Benzene < 10 mg/kg
- On the active production pad
  - Chloride < 20,000 mg/kg
  - TPH (GRO + DRO + MRO) < 2,500 mg/kg
  - TPH (GRO + DRO) < 1,000 mg/kg
  - BTEX < 50 mg/kg
  - Benzene < 10 mg/kg

Depth to Water Determination

In September/October 2021, Advance Energy initiated a depth-to-water boring program to determine whether depth-to-water is present in the upper 100-feet of the surface soil profile. Nine (9) boreholes were advanced between 103 to 105-feet below ground surface, rested for at least 72-hours, and gauged for the presence of groundwater. The nearest boring is located 0.30-miles north-northwest of the release identified at MISC-402 (CP-1881). No groundwater was detected within the upper 100-feet. Plate 4 (revised) is an updated depth-to water map.

The driller log is located in Appendix A (revised).

Remediation Plan

Plate 2 (revised) shows the sampling diagram for soil samples collected during the June 2020 sampling event along with the square footage of each grid. A 5-point composite sample was collected from each grid. Five-point composite sample points were evenly spaced within each sample grid to obtain a representative sample of the area (Figure 1, below example).

Incident ID: NRM2000354631
AEP #: 10302019-1600-prodops

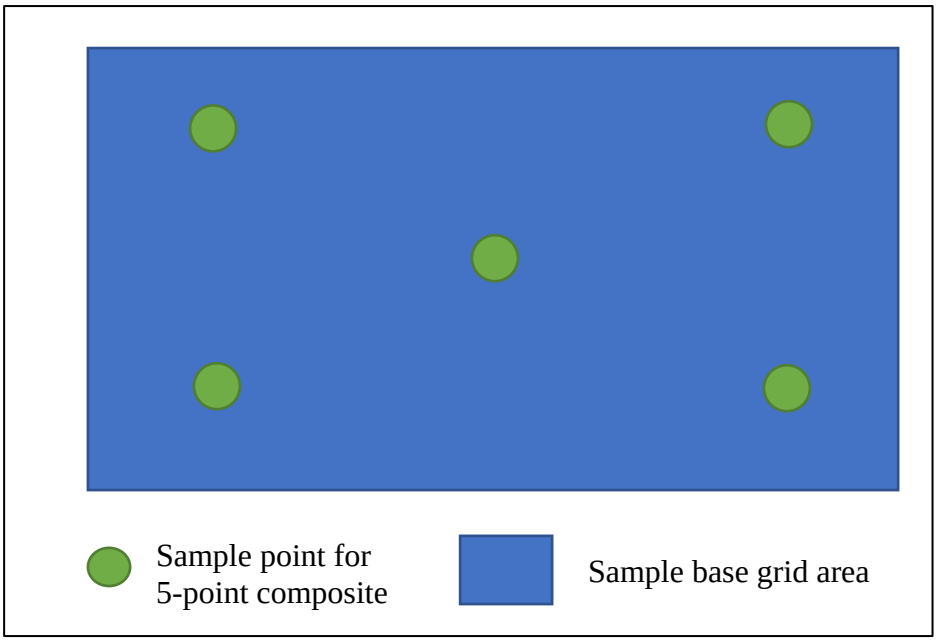


Figure 1: Example of 5-point sample grid for composite sampling.

The June 2020 sampling event shows (see Table 1, revised):

- Grid-01, East Grid-01, & West Grid-01. Constituents of concern are below Table 1 of 19.15.29 NMAC closure criteria where depth to water is >100 feet and the release area was located on an active production site currently in-use for oil and gas operations.

- Grid-02 through Grid-05.
  - Chloride, BTEX, & Benzene are below Table 1 of 19.15.29 NMAC closure criteria where depth to water is >100 feet for areas not in-use.
  - TPH exceeds Table 1 of 19.15.29 NMAC closure criteria in the upper 0.5 to 1.5 feet.
- Grid-06 through Grid-11. Constituents of concern are below the most stringent closure criteria listed in Table 1 of 19.15.29 NMAC.

Proposed Remediation

- Grid-01, East Grid-01, & West Grid-01. The release area within these grids is on the active production site and meets closure criteria for on-site use. Therefore, no additional remediation is required; and volume of excavated material is zero. When the production site is no longer in-use for oil and gas operations, the surface shall be remediated, restored, and reclaimed per 19.15.29.13.D
- Grid-02 through Grid-05. We propose additional soil sampling to determine the efficacy

of bioremediation and natural attenuation of hydrocarbons, the constituent of concern. Plate 2-2 shows the location of proposed soil locations that represent areas between 665 and 1,198 square feet, with an average square footage of 1,007; within the release extent. Additional soil samples are located to define the east and west extents. If soil sample results exhibit concentrations exceeding closure criteria, we will resume MircroBlaze application and continue to monitor for a reduction in hydrocarbon concentrations.

- Soil samples will be collected from
  - 0 – 1 ft
  - 1 – 2 ft
  - 3 – 4 ft
  - 4.5 ft. Sample will only be analyzed if the 3-4 ft sample exhibits TPH concentrations above closure criteria limits.
- Soil samples will be analyzed for chloride, BTEX, benzene, and TPH.
- Grids 2 through 5 are beginning to show signs of natural revegetation as shown in Figure 2, below. Grid 1 is located on top of the caliche berm on the active production pad, photo background.

Figure 2: Photo of natural revegetation within release area. Photo is viewing north from the southern edge of Grid 4/5. Date/Time: 2021-07-20 10:17:56 GPS: 32.4183417 N, 103.6017139 W.

- Grid-06 through Grid-11. Sample results meet the most stringent closure criteria for areas not in-use. Therefore, no additional remediation is required; and volume of excavated material is zero.
  - Grid-06 through Grid-11 shows signs of natural revegation as shown in Figure 3, below.

Incident ID: NRM2000354631
AEP #: 10302019-1600-prodops

Figure 3: Photo of natural revegetation within release area. Photo is viewing south-southwest from the northern edge of Grid 7. Date/Time: 2021-07-20 10:15:45. GPS: 32.4179750 N, 103.6017917 W.

Soil sampling will begin within 30-days of workplan approval. If confirmation samples meet the closure criteria referenced in Table 1 of 19.15.29 NMAC that is reproduced above, we will submit a closure report within 45-days of laboratory results.

We look forward to your response. We are eager to facilitate closure of this site and are committed to working with NMOCD towards this goal.

Sincerely,

Andrew Parker
Environmental Scientist

Incident ID	NRM2000354631
District RP	
Facility ID	
Application ID	

Remediation Plan

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

☒ Detailed description of proposed remediation technique
☒ Scaled sitemap with GPS coordinates showing delineation points
☒ Estimated volume of material to be remediated
☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☐ Extents of contamination must be fully delineated.

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Andrew Parker Title: Environmental Scientist

Signature: Andrew Parker Date: November 3, 2021

email: aparker@advanceenergypartners.com Telephone: 970-570-9535

OCD Only

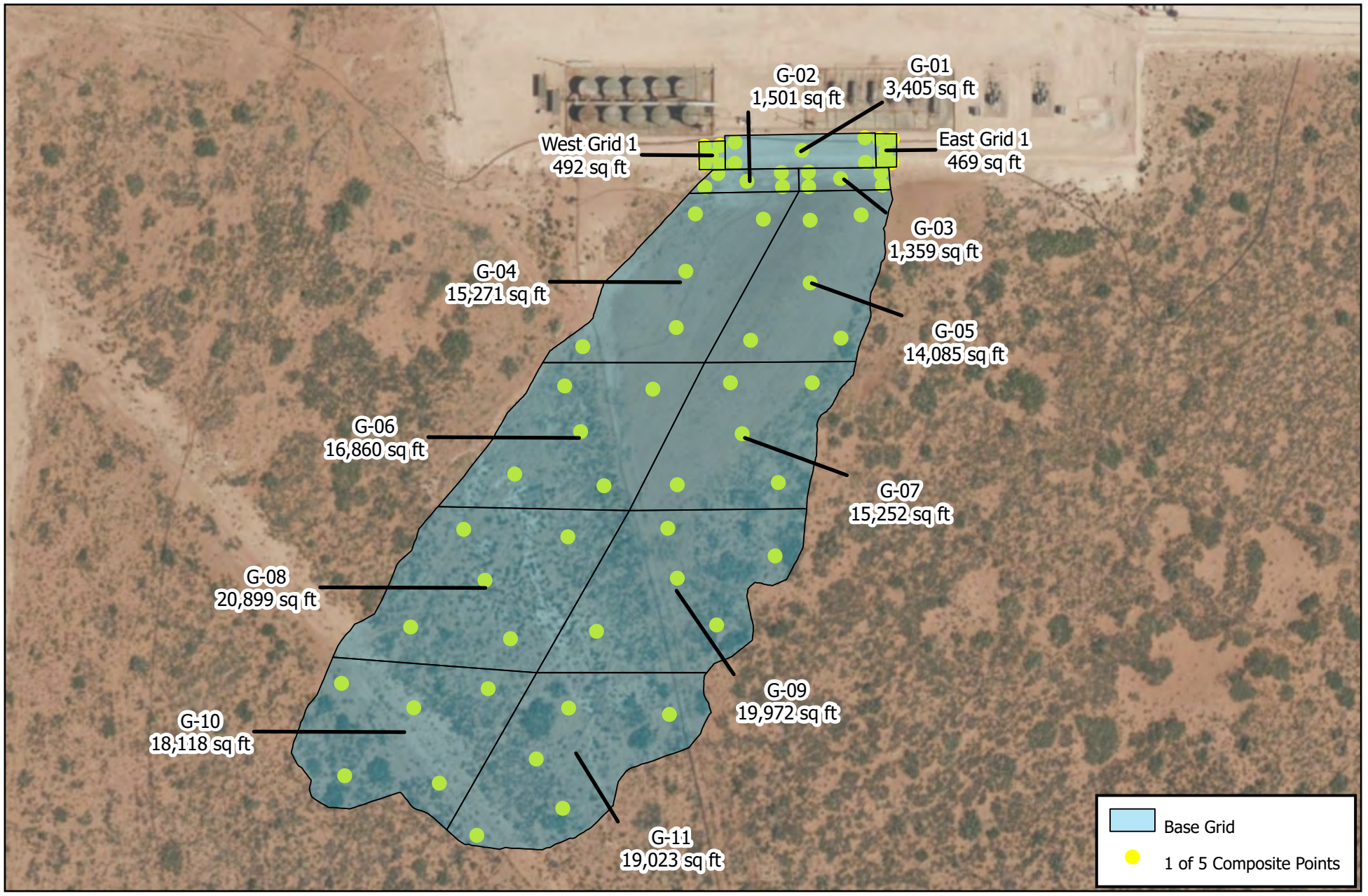
Received by: Chad Hensley Date: 12/07/2021

☒ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: Chad Hensley Date: 12/07/2021

Plates

C:\Users\andre\Advance Energy Partners, LLC\Advance Energy Partners, LLC Team Site - Parker\10302019-1600-prodops\daggerLakeBattery\daggerLakeBattery.aprx

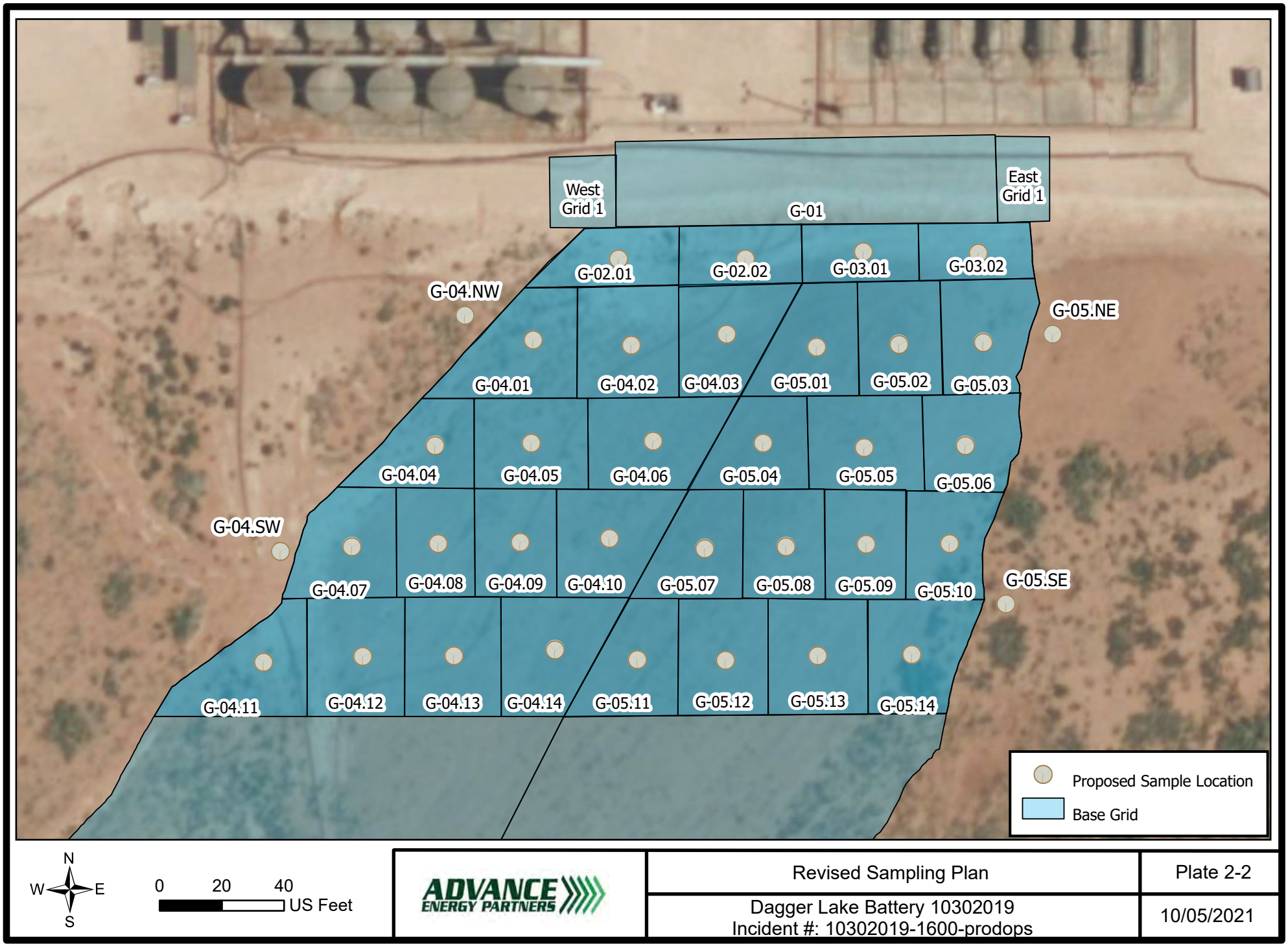


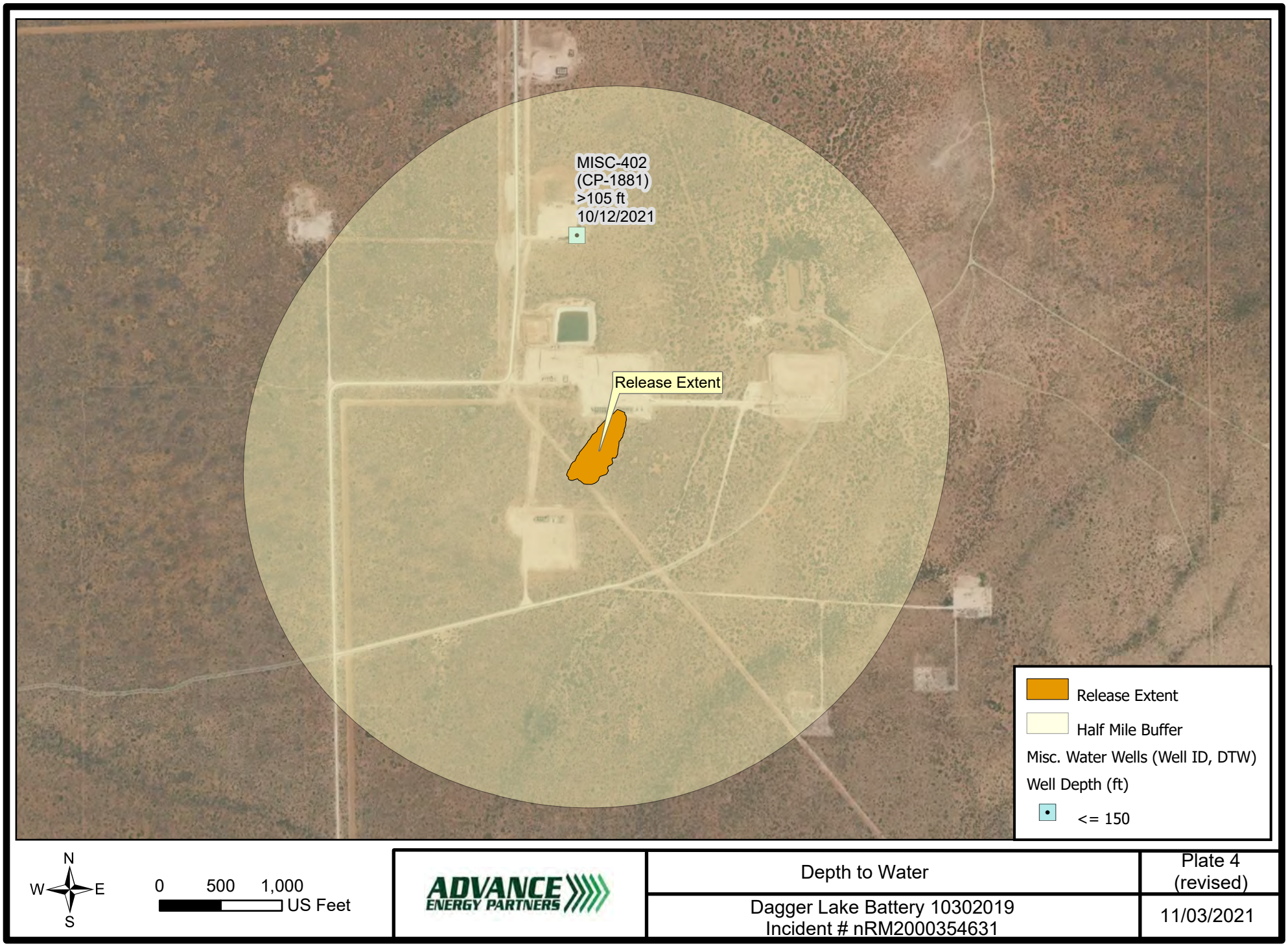
N
W E
S

0 50 100
US Feet

ADVANCE ENERGY PARTNERS

June 2020 Sampling Grid and Composite Sample Locations	Plate 2 (revised)
Dagger Lake Battery 10302019 Incident # nRM2000354631	09/28/2021


West Grid 1
G-01
East Grid 1
G-02.01
G-02.02
G-03.01
G-03.02
G-04.NW
G-05.NE
G-04.01
G-04.02
G-04.03
G-05.01
G-05.02
G-05.03
G-04.04
G-04.05
G-04.06
G-05.04
G-05.05
G-05.06
G-04.SW
G-04.07
G-04.08
G-04.09
G-04.10
G-05.07
G-05.08
G-05.09
G-05.10
G-05.SE
G-04.11
G-04.12
G-04.13
G-04.14
G-05.11
G-05.12
G-05.13
G-05.14
Proposed Sample Location
Base Grid
N
W
E
S
0
20
40
US Feet
ADVANCE ENERGY PARTNERS
Revised Sampling Plan
Plate 2-2
Dagger Lake Battery 10302019
Incident #: 10302019-1600-prodops
10/05/2021


MISC-402
(CP-1881)
>105 ft
10/12/2021
Release Extent
Release Extent
Half Mile Buffer
Misc. Water Wells (Well ID, DTW)
Well Depth (ft)
<= 150
N
W
E
S
0
500
1,000
US Feet
ADVANCE ENERGY PARTNERS
Depth to Water
Plate 4 (revised)
Dagger Lake Battery 10302019
Incident # nRM2000354631
11/03/2021

Tables

Sample ID	Date	Category	Sample Type (Comp./Grab)	Discrete Depth (Feet)	Top Depth (Feet)	Bottom Depth (Feet)	Chloride (PPM)	GRO+DRO (PPM)	TPH Ext. (PPM)	Benzene (PPM)	BTEX (PPM)	Comments
NMOCD Limits												
0 - 4 feet & "not in-use"							600	--	2,500	10	50	
> 4 ft or "in-use"							20,000	1,000	2,500	10	50	
Grid-01	6/23/2020	In-Use	Composite		0.0	0.5	160	<540	<661	<0.05	<0.3	Hand Auger
Grid-01	6/23/2020	In-Use	Composite		0.5	1.0	144	<102.6	<130.2	<0.05	<0.3	Hand Auger
Grid-01	6/23/2020	In-Use	Composite	1.50			208	<20	<30	<0.05	<0.3	Hand Auger
West Grid-01	6/23/2020	In-Use	Composite		0.0	0.5	1580	<20	<30	<0.05	<0.3	Hand Auger
West Grid-01	6/23/2020	In-Use	Composite		0.5	1.0	1820	<20	<30	<0.05	<0.3	Hand Auger
West Grid-01	6/23/2020	In-Use	Composite	1.50			800	<20	<30	<0.05	<0.3	Hand Auger
East Grid-01	6/23/2020	In-Use	Composite		0.0	0.5	240	<20	<30	<0.05	<0.3	Hand Auger
East Grid-01	6/23/2020	In-Use	Composite		0.5	1.0	128	<20	<30	<0.05	<0.3	Hand Auger
East Grid-01	6/23/2020	In-Use	Composite	1.50			144	<20	<30	<0.05	<0.3	Hand Auger
Grid-02	6/23/2020	Not In-Use	Composite		0.0	0.5	32	<602	<725	<0.05	<0.3	Hand Auger
Grid-02	6/23/2020	Not In-Use	Composite		0.5	1.0	16	<259	<311.8	<0.05	<0.3	Hand Auger
Grid-02	6/23/2020	Not In-Use	Composite	1.50			<16	<20	<30	<0.05	<0.3	Hand Auger
Grid-03	6/23/2020	Not In-Use	Composite		0.0	0.5	48	5819.1	6959.1	<0.05	<0.3	Hand Auger
Grid-03	6/23/2020	Not In-Use	Composite		0.5	1.0	32	<1310	<1585	<0.05	<0.3	Hand Auger
Grid-03	6/23/2020	Not In-Use	Composite	1.50			48	1963.4	2399.4	<0.05	<0.3	Hand Auger
Grid-04	6/25/2020	Not In-Use	Composite		0.0	0.5	32	<1060	<1285	<0.05	<0.3	Hand Auger
Grid-04	6/25/2020	Not In-Use	Composite		0.5	1.0	<16	<20	<30	<0.05	<0.3	Hand Auger
Grid-04	6/25/2020	Not In-Use	Composite	1.50			96	<20	<30	<0.05	<0.3	Hand Auger
Grid-05	6/25/2020	Not In-Use	Composite		0.0	0.5	64	872.4	1013.4	<0.05	<0.3	Hand Auger
Grid-05	6/25/2020	Not In-Use	Composite		0.5	1.0	32	<141	<173.6	<0.05	<0.3	Hand Auger
Grid-05	6/25/2020	Not In-Use	Composite	1.50			32	<20	<30	<0.05	<0.3	Hand Auger

Sample ID	Date	Category	Sample Type (Comp./Grab)	Discrete Depth (Feet)	Top Depth (Feet)	Bottom Depth (Feet)	Chloride (PPM)	GRO+DRO (PPM)	TPH Ext. (PPM)	Benzene (PPM)	BTEX (PPM)	Comments
NMOCD Limits												
0 - 4 feet & "not in-use"							600	--	2,500	10	50	
> 4 ft or "in-use"							20,000	1,000	2,500	10	50	
Grid-06	6/25/2020	Not In-Use	Composite		0.0	0.5	<16	<20	<30	<0.05	<0.3	Hand Auger
Grid-06	6/25/2020	Not In-Use	Composite		0.5	1.0	<16	<20	<30	<0.05	<0.3	Hand Auger
Grid-06	6/25/2020	Not In-Use	Composite	1.50			16	<20	<30	<0.05	<0.3	Hand Auger
Grid-07	6/25/2020	Not In-Use	Composite		0.0	0.5	<16	<20	<30	<0.05	<0.3	Hand Auger
Grid-07	6/25/2020	Not In-Use	Composite		0.5	1.0	16	<20	<30	<0.05	<0.3	Hand Auger
Grid-07	6/25/2020	Not In-Use	Composite	1.50			32	<20	<30	<0.05	<0.3	Hand Auger
Grid-08	6/26/2020	Not In-Use	Composite		0.0	0.5	16	<20	<30	<0.05	<0.3	Hand Auger
Grid-08	6/26/2020	Not In-Use	Composite		0.5	1.0	32	<20	<30	<0.05	<0.3	Hand Auger
Grid-08	6/26/2020	Not In-Use	Composite	1.50			16	<20	<30	<0.05	<0.3	Hand Auger
Grid-09	6/26/2020	Not In-Use	Composite		0.0	0.5	<16	<20	<30	<0.05	<0.3	Hand Auger
Grid-09	6/26/2020	Not In-Use	Composite		0.5	1.0	<16	<20	<30	<0.05	<0.3	Hand Auger
Grid-09	6/26/2020	Not In-Use	Composite	1.50			<16	<20	<30	<0.05	<0.3	Hand Auger
Grid-10	6/26/2020	Not In-Use	Composite		0.0	0.5	<16	<20	<30	<0.05	<0.3	Hand Auger
Grid-10	6/26/2020	Not In-Use	Composite		0.5	1.0	<16	<20	<30	<0.05	<0.3	Hand Auger
Grid-10	6/26/2020	Not In-Use	Composite	1.50			16	<20	<30	<0.05	<0.3	Hand Auger
Grid-11	6/26/2020	Not In-Use	Composite		0.0	0.5	16	<20	<30	<0.05	<0.3	Hand Auger
Grid-11	6/26/2020	Not In-Use	Composite		0.5	1.0	<16	<20	<30	<0.05	<0.3	Hand Auger
Grid-11	6/26/2020	Not In-Use	Composite	1.50			32	<20	<30	<0.05	<0.3	Hand Auger

Appendix A

Driller Log

Atkins
ENGINEERING ASSOCIATES INC.

2904 W 2nd St.
Roswell, NM 88201
voice: 575.624.2420
fax: 575.624.2421
www.atkinseng.com

10/29/2021

DII-NMOSE
1900 W 2nd Street
Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: Well Record CP-1881 Pod1

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, CP-1881 Pod1.

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

Lucas Middleton

Enclosures: as noted above

OSE DII NOV 1 2021 PM12:23

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD1 (TW-1)	n/a	CP-1881

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Advanced Energy Partners	832.672.4700

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
11490 Westheimer Rd. Stuit 950	Houston	TX	77077

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	25	22	N
	LONGITUDE	103	36	12	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

NE SE NE Sec. 06 T22S R33E

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1249	Jackie D. Atkins	Atkins Engineering Associates, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
10/12/2021	10/12/2021	temporary well material	105	n/a

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): n/a

DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☑ OTHER – SPECIFY: Hollow Stem Auger

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	105	±6.5	Boring- HSA	--	--	--	--

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT

OSE DIT NOV 1 2021 RECEIVED

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/17)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	14	14	Sand, fine-grained, poorly graded with Caliche, Brown	Y ✓ N	
14	19	5	Caliche, consolidated with fin-grained sand, White/Tan	Y ✓ N	
19	24	5	Sand, fine-grained, poorly graded with Caliche, Reddish Brown	Y ✓ N	
24	44	20	Sand, fine-grained, poorly graded with clay, Reddish Brown	Y ✓ N	
44	64	20	Sand, fine-grained, poorly graded with clay, Brown Tan	Y ✓ N	
64	105	41	Sand, fine-grained, poorly graded with clay, Brown	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST: TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring backfilled using drill cuttings from total depth to ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface to surface.

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Shane Eldridge, Carmelo Trevino, Cameron Pruitt

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Jack Atkins — Jackie D. Atkins — 10/27/2021

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/30/2017)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

CP-1881_OSE_Well Record and Log-forsign

Final Audit Report 2021-10-29

Created:	2021-10-29
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAQ3vtH-svpKXba6sweCTSv6bY9FHI1cHt

"CP-1881_OSE_Well Record and Log-forsign" History

Document created by Lucas Middleton (lucas@atkinseng.com)
2021-10-29 - 3:53:42 PM GMT- IP address: 69.21.248.123

Document emailed to Jack Atkins (jack@atkinseng.com) for signature
2021-10-29 - 3:54:01 PM GMT

Email viewed by Jack Atkins (jack@atkinseng.com)
2021-10-29 - 4:18:46 PM GMT- IP address: 64.90.153.232

Document e-signed by Jack Atkins (jack@atkinseng.com)
Signature Date: 2021-10-29 - 4:19:17 PM GMT - Time Source: server- IP address: 64.90.153.232

Agreement completed.
2021-10-29 - 4:19:17 PM GMT

OSE DIT NOV 1 2021 PM2:44

Adobe Sign

PLUGGING RECORD

NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: CP-1881-POD1

Well owner: Advanced Energy Partners Phone No.: 832.672.4700

Mailing address: 11490 Westheimer Rd. Stuit 950

City: Houston State: Texas Zip code: 77077

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Jackie D. Atkins (Atkins Engineering Associates Inc.)

2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/23

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Lupe Leyba

4) Date well plugging began: 10/14/2021 Date well plugging concluded: 10/14/2021

5) GPS Well Location: Latitude: 32 deg, 25 min, 22 sec
Longitude: 103 deg, 36 min, 12 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 105 ft below ground level (bgl), by the following manner: weighted tape

7) Static water level measured at initiation of plugging: n/a ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 07/08/2021

9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

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10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	0-10' Hydrated Bentonite	15.6 gallons	15 gallons	Augers	
	10'-110' Drill Cuttings	Approx. 151 gallons	151 gallons	Boring	

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

OSE OIL NOV 1 2021 PM4:44

I, Jackie D. Atkins, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Jack Atkins

Signature of Well Driller

10/27/2021

Date

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Page 2 of 2

DATE__WD-11 Plugging Record-forsign

Final Audit Report 2021-10-29

Created:	2021-10-29
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAtR6dClvgQcGMZKORwRcBWHfk6EYZjwn4

"DATE__WD-11 Plugging Record-forsign" History

Document created by Lucas Middleton (lucas@atkinseng.com)
2021-10-29 - 3:51:59 PM GMT- IP address: 69.21.248.123

Document emailed to Jack Atkins (jack@atkinseng.com) for signature
2021-10-29 - 3:54:13 PM GMT

Email viewed by Jack Atkins (jack@atkinseng.com)
2021-10-29 - 4:18:25 PM GMT- IP address: 64.90.153.232

Document e-signed by Jack Atkins (jack@atkinseng.com)
Signature Date: 2021-10-29 - 4:18:39 PM GMT - Time Source: server- IP address: 64.90.153.232

Agreement completed.
2021-10-29 - 4:18:39 PM GMT

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Adobe Sign

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 60111

CONDITIONS

Operator: ADVANCE ENERGY PARTNERS HAT MESA, LLC 11490 Westheimer Rd., Ste 950 Houston, TX 77077	OGRID: 372417
	Action Number: 60111
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	Remediation plan was approved with conditions. Original closure report was due 01/28/2021. 05/04/2020. The OCD request a Closure on 01/28/2022.	12/7/2021