C-147 REGISTRATION PACKAGE

North Alamito Unit E01-I01 AST Pad
Recycling Containment and Recycling Facility

February 2026

ENDURING RESOURCES IV, LLC

DJR Operating, LLC A Subsidiary Company of Enduring Resource, LLC

200 Energy Court
Farmington, New Mexico 87401
Phone: (505) 636-9720

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

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

Form C-147
Revised April 3, 2017

Recycling Facility and/or Recycling Containment

Type of Facility: ☒ Recycling Facility ☒ Recycling Containment*

Type of action: ☒ Permit ☒ Registration
☐ Modification ☐ Extension
☐ Closure ☐ Other (explain) _____

*** At the time C-147 is submitted to the division for a Recycling Containment, a copy shall be provided to the surface owner.**

Be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.

Operator: **DJR Operating, LLC** (For multiple operators attach page with information) OGRID #: **371838**

Address: **200 Energy Court, Farmington, New Mexico 87401**

Facility or well name (include API# if associated with a well): **North Alamito Unit E01-I01 AST Pad**

OCD Permit Number: FVV2608433682 (For new facilities the permit number will be assigned by the district office)

U/L or Qtr/Qtr **NW/NW 1/4** Section **1** Township **22N** Range **8W** County: **San Juan**

Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.

☒ **Recycling Facility:**

Location of recycling facility (if applicable): Latitude **36.173749° N** Longitude **-107.633175° W** NAD83

Proposed Use: ☒ Drilling* ☒ Completion* ☒ Production* ☐ Plugging *

The re-use of produced water may NOT be used until fresh water zones are cased and cemented

☐ Other, ***requires permit for other uses. Describe use, process, testing, volume of produced water and ensure there will be no adverse impact on groundwater or surface water.***

☒ Fluid Storage

☒ Above ground tanks ☒ Recycling containment ☐ Activity permitted under 19.15.17 NMAC explain type_____

☐ Activity permitted under 19.15.36 NMAC explain type:_____ ☐ Other explain _____

☐ For multiple or additional recycling containments, attach design and location information of each containment

☐ **Closure Report (required within 60 days of closure completion):** ☐ Recycling Facility Closure Completion Date:_____

3.

☒ **Recycling Containment:**

☐ Annual Extension after initial 5 years (attach summary of monthly leak detection inspections for previous year)

Center of Recycling Containment (if applicable): Latitude **36.173749° N** Longitude **-107.633175° W** NAD83

☐ For multiple or additional recycling containments, attach design and location information of each containment

☒ Lined ☐ Liner type: Thickness **40** mil ☒ LLDPE ☐ HDPE ☐ PVC ☐ Other _____

☒ String-Reinforced

Liner Seams: ☒ Welded ☒ Factory ☐ Other _____ Volume: **Four 60,000 tanks** bbl Dimensions: **Diameter 190'** x Height **12'**

☐ Recycling Containment Closure Completion Date:_____

4.

Bonding:

☒ Covered under bonding pursuant to 19.15.8 NMAC per 19.15.34.15(A)(2) NMAC **(These containments are limited to only the wells owned or operated by the owners of the containment.)**

☐ Bonding in accordance with 19.15.34.15(A)(1). Amount of bond $_____ **(work on these facilities cannot commence until bonding amounts are approved)**

☐ Attach closure cost estimate and documentation on how the closure cost was calculated.

5.

Fencing:

☐ Four foot height, four strands of barbed wire evenly spaced between one and four feet

☒ Alternate. Please specify _____**See variance request in registration package Exhibit H**_____

6.

Signs:

☒ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

☐ Signed in compliance with 19.15.16.8 NMAC

7.

Variances:

Justifications and/or demonstrations that the proposed variance will afford reasonable protection against contamination of fresh water, human health, and the environment.

Check the below box only if a variance is requested:

☒ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval. If a Variance is requested, include the variance information on a separate page and attach it to the C-147 as part of the application.

If a Variance is requested, it must be approved prior to implementation.

8.

Siting Criteria for Recycling Containment

Instructions: The applicant must provide attachments that demonstrate compliance for each siting criteria below as part of the application. Potential examples of the siting attachment source material are provided below under each criteria.

General siting	
Ground water is less than 50 feet below the bottom of the Recycling Containment. NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☒ No ☐ NA
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; written approval obtained from the municipality	☐ Yes ☒ No ☐ NA
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Minerals Division	☐ Yes ☒ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; topographic map	☐ Yes ☒ No
Within a 100-year floodplain. FEMA map	☐ Yes ☒ No
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; aerial photo; satellite image	☐ Yes ☒ No
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; topographic map; visual inspection (certification) of the proposed site	☐ Yes ☒ No

9.
Recycling Facility and/or Containment Checklist:
Instructions: Each of the following items must be attached to the application. Indicate, by a check mark in the box, that the documents are attached.

☒ Design Plan - based upon the appropriate requirements. **– Section 3 of the C-147 Registration Package**
☒ Operating and Maintenance Plan - based upon the appropriate requirements. - **Section 4 of the C-147 Registration Package**
☒ Closure Plan - based upon the appropriate requirements. - **Section 5 of the C-147 Registration Package**
☒ Site Specific Groundwater Data – **Exhibit D of the C-147 Registration Package**
☒ Siting Criteria Compliance Demonstrations **– Section 2 of the C-147 Registration Package**
☒ Certify that notice of the C-147 (only) has been sent to the surface owner(s) **– C-147 package is being submitted concurrently to the Division and BLM FFO. See Exhibit C of the C-147 Registration Package for additional surface owner notification.**

10.
Operator Application Certification:
I hereby certify that the information and attachments submitted with this application are true, accurate and complete to the best of my knowledge and belief.

Name (Print): **Heather Huntington** Title: **Regulatory Specialist**
Signature: Heather Huntington Date: **3/12/26**
e-mail address: **hhuntington@enduringresources.com** Telephone: **505-636-9751**

11.
OCD Representative Signature: Victoria Venegas **Approval Date:** 03/25/2026
Title: Senior Environmental Scientist **OCD Permit Number:** FVV2608433682
☒ OCD Conditions
☒ Additional OCD Conditions on Attachment

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1. INTRODUCTION

Applicant	DJR Operating, LLC Enduring Resources, LLC & DJR Operating, LLC are wholly owned subsidiaries of Enduring Resources IV, LLC. Leases, rights of ways, wells, and other property interests will continue to be held in their current entity names.
OGRID	371838
Project Name	North Alamito Unit E01-I01 AST Pad Recycling Containment and Recycling Facility
Project Type	Recycling Facility & Recycling Containment
Legal Location	Northwest ¼ of the northwest ¼ of Section 01, Township 22N, Range 08W, San Juan County
Surface Owner	Federal surface managed by the Bureau of Land Management Farmington Field Office

In accordance with 19.15.34 NMAC, DJR Operating, LLC (DJR), a subsidiary company of Enduring Resources IV, LLC requests registration of their North Alamito Unit (NAU) E01-I01 AST Pad Recycling Containment and Recycling Facility through the approval of this C-147 registration and permit package.

The recycling containment will consist of four 60,000 barrel (bbl) aboveground storage tanks (ASTs) for a consolidated 240,000 barrels of storage. Per 19.15.34.7 B. New Mexico Administrative Code (NMAC) a *"**Recycling containment**" is a storage containment which incorporates a synthetic liner as the primary and secondary containment device and is used solely in conjunction with a recycling facility for the storage, treatment or recycling of produced water only for the purpose of drilling, completion, production or plugging of wells used in connection with the development of oil or gas or both.* This AST containment falls within this definition and must meet all applicable requirements of a Recycling Containment in Rule 19.15.34 NMAC.

The recycling facility will consist of up to thirty 400 bbl vertical frac tanks with a consolidated volume of 12,000 bbls to treat (mechanical and chemical reconditioning process) produced water for reuse. DJR will only set as many tanks anticipated to be needed based on incoming volumes and extent of treatment necessary. As defined in 19.15.34.7 A. NMAC a ***"Recycling facility"*** *is a stationary or portable facility used exclusively for the treatment, re-use or recycling of produced water. A recycling facility does not include oilfield equipment such as separators, heater treaters and scrubbers in which produced water may be used.* These tanks will be used as upright gun barrel oil water separators. This oil separation process will prevent having any visible layer of oil on the surface of the recycling containment in accordance with Rule 19.15.34.13 B.(1).

Per 19.15.34.9 A., water (produced water and Entrada water) stored/processed through this temporary recycling facility and containment will be used as part of a permitted operation for drilling, completing, and producing DJR Operating, LLC and Enduring Resources, LLC wells.

See Exhibit A for the site survey plat and Exhibit B for a site diagram of the proposed AST and recycling facility layout. This facility will not be used for the disposal of produced water.

The NAU E01-I01 AST Pad is located at 36.173749° N, -107.633175° W, within Section 01, Township 22N, Range 08W, in San Juan County, New Mexico. The site is located on federal lands managed by the Bureau of Land Management Farmington Field Office (BLM FFO). DJR is the operator of the applicable oil and gas mineral rights at this location.

The BLM FFO has been notified and approved of this site for water storage and water recycling. DJR submitted a Sundry Notice to the BLM to expand the existing North Alamito Unit E01-I01 AST pad. A copy of the Notice of Intent (Sundry Notice) is in Exhibit C. DJR will provide a copy of this registration package to the BLM FFO.

This document provides supplemental information to NMOCD Form C-147 that is required for registration, including siting criteria and demonstrations, design and construction plan, operating and maintenance plan, closure plan, closure, and site reclamation requirements, and surface owner notification.

Upon approval of this registration, the recycling containment located at this facility will be operated for up to 5 years.

If the AST containment is found to be needed beyond 5 years, DJR will submit annual extensions to NMOCD on Form C-147 at least 30 days prior to expiration. The extension request will include a summary of all monthly inspections of the containment, including monitoring of the leak detection system indicating that the containment's integrity has not been compromised.

2. SITING CRITERIA

2.1. Depth to Groundwater 19.15.34.11 A.(1)

Per 19.15.34.11 B. NMAC, DJR requests use of POD SJ-00949 in the southwest ¼ of the northeast ¼ of Section 1, Township 22N, Range 08W as evidence of depth to ground water in this area. SJ-00949 located approximately 1,100 feet south has a measured depth to groundwater at 1,106 feet. With the proposed containment being an above ground tank, water depth of greater than 200 feet, and AST Pad elevation similar to the SJ-00949 water well, the groundwater depth is expected to be greater than 50 feet below the bottom of the recycling containment. See Exhibit D for the water well summary. Additional average depth to ground water information can be found below.

Average, Minimum, and Maximum depth to ground water within T22N R09W = 362', 362', 362'
Average, Minimum, and Maximum depth to ground water within T23N R07W = 900', 900', 900'
Average, Minimum, and Maximum depth to ground water within T22N R08W = 220', 220', 220'
Average, Minimum, and Maximum depth to ground water within T23N R08W = 260', 260', 260'

2.2. Distance to Surface Water 19.15.34.11 A.(2)

There are no continuously flowing watercourses within 300 feet; nor, any other significant watercourse or lakebeds, sinkholes, or playa lakes within 200 feet of the proposed AST.

DJR contracted SWCA Environmental Consultants in June of 2025 to assess all surrounding drainages per 19.15.34.11 A.(2) NMAC. In the report provided to DJR, SWCA summarized the following. This report is attached as Exhibit F:

> *SWCA did not observe or delineate any wetland features during the June 2025 field survey due to the lack of wetland indicators within the survey area (see Figure A-1).*
>
> *No potentially jurisdictional non-wetland waters containing an OHWM were identified within the survey area. Therefore, no significant watercourses were identified within 500 feet of the project since SWCA interprets watercourse as a lotic aquatic feature with an OHWM. Additionally, no lakes or playas were observed within the survey area.*

2.3. Distance to Structures 19.15.34.11 A.(3)

The recycling containment is not located within 1,000 feet of a permanent residence, school, hospital, institution, or church in existence at the time of this application. As shown on the aerial map in Exhibit E Map 2, there are no permanent residences, schools, hospitals, institutions, or churches within the 1000-foot buffer of the staging area. A field visit verified no structures have been erected since the aerial imagery was obtained.

2.4. Distance to Non-Public Water Supply and Springs 19.15.34.11 A.(4)

The recycling facility/containment is not located within 500 horizontal feet of a spring or fresh water well used for domestic or stock watering purposes in existence at the time of this application as shown on Exhibit E Maps 1 and 2. Map 1 shows wells and springs/seeps regardless of use type in the surrounding area and Map 2 shows that no water wells, springs, or seeps are located within the 500-foot buffer of the pad. The nearest freshwater well according to

New Mexico Office of the State Engineer (NM-OSE) is approximately 1,100 feet south. Nearest spring/seep according to the National Hydrologic Dataset (NHD) is approximately 3.1 miles to the southwest.

2.5. Distance to Municipal Boundaries and Defined Municipal Fresh Water Well Fields 19.15.34.11 A.(5)

The recycling facility is not within any incorporated municipal boundaries nor within a defined municipal fresh water well field covered by a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978, as amended. Exhibit E Map 1 shows the nearest municipal boundary being Cuba, New Mexico approximately 37.4 miles southeast.

2.6. Distance to Wetland 19.15.34.11 A.(6)

The recycling facility/containment is not located within 500 feet of a wetland per the evidence provided below and detailed in the Aquatic Resource Delineation Technical Memorandum in Exhibit F.

According to the U.S. Fish and Wildlife Service National Wetland Inventory (NWI) no wetlands are located within 500 feet of the AST Pad. Since the NWI is identified and mapped from a desktop perspective utilizing photo-signatures the resulting data is a desktop approximation of potential wetlands and non-wetland riparian habitat. Thus, field investigation is necessary to confirm or deny wetland status based on the presence of hydric soils or hydrophytes.

DJR contracted SWCA Environmental Consultants (SWCA) in June of 2025 to assess all surrounding drainages per 19.15.34.11 A.(2) NMAC. In the report provided to DJR, SWCA summarized the following. This report is attached hereto as Exhibit F:

> *SWCA did not observe or delineate any wetland features during the June 2025 field survey due to the lack of wetland indicators within the survey area (see Figure A-1).*

2.7. Distance to Subsurface Mines 19.15.34.11 A.(7)

According to New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Mining and Minerals Divisions database, there are no subsurface mines in Township 22N, Range 08W, San Juan County, New Mexico. See Exhibit E Map 1 showing mines regardless of status near the project area. The nearest EMNRD recorded permit (permanent closure, reclaimed and released) is a humate mine approximately 14 miles south.

2.8. Site Stability 19.15.34.11 A.(8)

The recycling containment is not located in an unstable area. DJR's construction practices provide adequate compaction of the pad surface for the anticipated load of the recycling facility and AST containment.

The following additional best management practices will be implemented during pad construction to prevent equipment settling and ensure site stability.

- Prior to earthwork, all trees (if applicable) and slash/brush, will be mulched and incorporated into the topsoil. Tree roots and trucks will be removed from the site. The topsoil (vegetative root layer) and mulched organic matter will be stripped from location and windrowed along the perimeter of location. Topsoil will not be used for pad construction as the organic matter mixed within the soil prevents adequate compaction.
- Subsoil horizons will be utilized to construct a balanced (high areas are cut and used to fill low areas) location. Fill slopes will be deposited and compacted in approximate 6-inch lifts with optimal soil moisture content.
- No soil deemed too wet from inclement weather will be utilized for construction as adequate compaction cannot be achieved. Additionally, if construction occurs during winter months, the frost layer if applicable will be stripped and sub frost line soil horizons utilized for construction to achieve adequate compaction that will not settle with warming temperatures.
- Cut and fill slopes around location will be 3:1 or better to ensure surface and slope stability.
- The windrowed topsoil and any additional diversions found to be necessary are used to prevent surface sheet flow from entering location.
- The containment will have a properly constructed foundation consisting of a firm, unyielding base, smooth and free of rocks, debris, sharp edges or irregularities to prevent the liner's rupture or tear.

Other factors contributing to site stability include:

- Per 19.15.34.11 A.(7) the location is not in an area overlying a subsurface mine according to the New Mexico EMNRD Mining and Minerals Divisions database.
- This area of New Mexico is not known for underlying caves and karst features.

2.9. Distance to 100-Year Floodplain 19.15.34.11 A.(9)

The recycling facility/containment is not located within a 100-year (1% annual) floodplain. As shown in Exhibit E Map 2, the project is in Zone X (area of minimal flood hazard). The nearest 100-year flood hazard area within the same watershed shown in Exhibit E Map 2 is approximately 0.5 mile northwest.

3. DESIGN AND CONSTRUCTION SPECIFICATIONS

Pursuant to 19.15.34.12 NMAC, the following Design Plan presents the minimum standards and specifications for the design and construction of the proposed recycling containments at the NAU E01-I01 AST Pad. The facility and recycling containments have been designed to prevent release and potential overtopping due to wave action (by wind) or rainfall. To supplement the information provided below, the manufacturers specifications for the design and construction of the aboveground containments are provided as Exhibit G.

3.1. Foundation Construction

The containment ASTs will be constructed on DJR's NAU E01-I01 AST Pad. The AST footprints will have a properly constructed foundation consisting of a firm, unyielding base, smooth and free of rocks, debris, sharp edges or irregularities to prevent the liner's rupture or tear. The containments will ensure confinement of produced water, to prevent releases and to prevent overtopping due to wave action or rainfall. Geotextile is used under the liners to reduce localized stress-strain or protuberances that otherwise may compromise the liner's integrity. These containments are above ground and are not subject to water run-on.

3.2. Liner and Leak Detection

The containments will be Well Water Solutions and Rentals, Inc. or similar double-lined frac water tank system. These tank systems are designed to incorporate a 40-mil thickness LLDPE primary (upper) string-reinforced liner and a 30-mil LLDPE secondary (lower) string-reinforced liner. The primary liner is designed to be impervious, synthetic material that will resist deterioration by ultraviolet light, petroleum hydrocarbons, salt solutions, and acidic/alkaline solutions. Liners meet or exceed the compatibility requirements of EPA SW-846 Method 9090A. Steel bolts secure the liners to the top of the AST tank. Specifications provided by Well Water Solutions and Rentals, Inc. are attached as Exhibit G.

Liner seams are minimized and are oriented vertically up and down the containment walls, not horizontally across the containment. Factory welded seams are incorporated, where possible. Field seams, welding, and testing on the geosynthetic liners are performed by a manufacturer's qualified person. For any field welded seams, liners will overlap 4 to 6 inches and be thermally sealed. Field seams are avoided or minimized in corners and irregularly shaped areas.

At a points of discharge into, or suction from, the recycling containment, the liner is protected from excessive hydrostatic force or mechanical damage. External discharge or suction lines do not penetrate the liners.

A leak detection system is installed between the upper and lower liners of the containment and consist of a 200-mil geonet drainage layer. The leak detection system covers the bottom and sides of the containment and includes a minimum of 3 feet of freeboard. A 6-inch PVC pipe is inserted in the sump at the bottom of the containment and between the liners. Each containment is slightly sloped, with the sump placed at the location with the lowest elevation to facilitate the earliest possible leak detection. A schematic of the leak detection system is included in Exhibit G.

The sump piping is checked weekly with a water-level meter to determine if leakage is occurring through the primary liner. If water is detected in the leak detection sump, water will be removed to assess if water returns

indicating a leak in the primary liner. Controls for surface water run-on are not needed due to the containment being above ground level.

3.3. Signage

The facility will have a sign no less than 12 inch by 24 inch with lettering not less than 2 inches in height in a conspicuous place near the facility entrance. The sign will contain the operator's name, location of the facility by quarter-quarter or unit letter, Section, Township, Range, and emergency phone numbers.

3.4. Entrance Protection

Please see variance request attached as Exhibit H.

With the recycling containments being above grade ASTs with 12-foot wall heights, entrance to containment would have to be intentional. There is no risk of accidental entrance into the containments by wildlife or the public. The site will be maintained to prevent harm to wildlife and the public.

3.5. Netting

DJR will install bird netting provided by the tank manufacturer over the containments. The netting will be inspected monthly for disrepair. The containments will be inspected weekly for dead migratory birds. DJR will report dead migratory birds and/or other wildlife to the appropriate wildlife agency, surface management agency, and NMOCD.

4. Maintenance and Operating Plan

4.1. Inspection Timing and Maintenance

Pursuant to 19.15.34.13 NMAC, DJR will follow the maintenance and operational requirements described below. At a minimum, DJR will perform weekly inspections on each containments leak detection system while the containments hold fluid. DJR will maintain records and make them available for review by NMOCD.

- If fluids are found in the sump, the fluids will be sampled and then pumped out.
- DJR will remove any visible oil from the surface of the containment upon discovery.
- DJR will maintain a minimum of 3 feet of freeboard in the containments at all times.
- The injection and withdrawal of fluids from the containment shall be accomplished through a header, diverter or other hardware that prevents damage to the liner by erosion, fluid jets or impact from installation and removal of hoses or pipes.
- If a leak is discovered in the containment's primary liner above the liquid level in the containment, DJR will repair the primary liner within 48 hours, or request an extension on repair within the 48-hour time limit.
- If a leak is discovered in the containment's primary liner below the liquid level in the containment, DJR will notify the division office of the leak, remove all fluids above the leak level, and repair the primary liner within 48 hours, or request an extension on repair within the 48-hour time limit.
- The facility will be operated in such a way to prevent the collection of surface water.
- An oil absorbent boom or other device will be onsite to contain an unanticipated release.
- The facility will not be used for the storage or discharge of hazardous waste.

4.2. Reporting and Record Keeping

During operation of the recycling facility, DJR will keep accurate records and report monthly to NMOCD the total volume of water received for recycling, with the volume of fresh water received listed separately, and the total volume of water leaving the facility for disposition of use. Water volume totals will be submitted on NMOCD Form C-148. Accurate records identifying the sources and disposition of recycled water will be maintained during the operation of the facility and made available for review to NMOCD upon request.

4.3. Cessation of Operations

DJR will consider the recycling containment to have ceased operations if less than 20% of the total fluid volume is used every 6 months following the first withdrawal of produced water for use. DJR will report cessation of

operations to the appropriate NMOCD district office. If additional time is needed for closure, DJR will request an extension from the appropriate NMOCD district office prior to the expiration of the initial 6-month time period.

5. Closure Plan

Pursuant to 19.15.34.14 NMAC, the activities summarized below describe the closure and reclamation requirements for the NAU E01-I01 AST Pad. Within 60 days of closure completion, DJR will submit a closure report on NMOCD Form C-147 and include required attachments to document all closure activities, sampling results, and details on backfilling, capping, or covering, where applicable.

5.1. Containment Closure

DJR will remove all fluids from the facility and containments within 60 days from the date that operations cease and close the containments from use within 6 months from the date that DJR ceases operations. Alternatively, DJR can request an extension for the removal of fluids from NMOCD not to exceed an additional 2 months. DJR can also request an extension for the closure of the containments, not to exceed an additional 6 months.

DJR will remove all fluids, contents, synthetic liners, and leak detection piping and transfer these materials to an NMOCD-approved facility for disposal. All other equipment associated with the recycling containments and recycling facility will be removed from the site.

5.2. Closure Soil Sampling

Once the containments are removed, DJR will test the soil beneath for contamination with a five-point composite sample which includes stained or wet soils, if any, and that sample shall be analyzed for the constituents listed in the following table:

Table 1. Contaminated Soil Test Constituents

Constituents	Test Method	Groundwater Depth 51 – 100 Feet	Groundwater Depth >100 Feet
Chloride	EPA 300.0	10,000 mg/kg	20,000 mg/kg
TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg	2,500 mg/kg
GRO + DRO	EPA SW-846 Method 8015M	1,000 mg/kg	1,000 mg/kg
BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg	50 mg/kg
Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg	10 mg/kg

If any contaminant concentration is higher than the parameter limits listed above, NMOCD may require additional delineation upon review of the results and DJR must receive approval before proceeding with closure. If all contaminant concentrations are less than or equal to the parameter limits listed above, then DJR can proceed to backfill with non-waste containing, uncontaminated, earthen material.

5.3. Reclamation

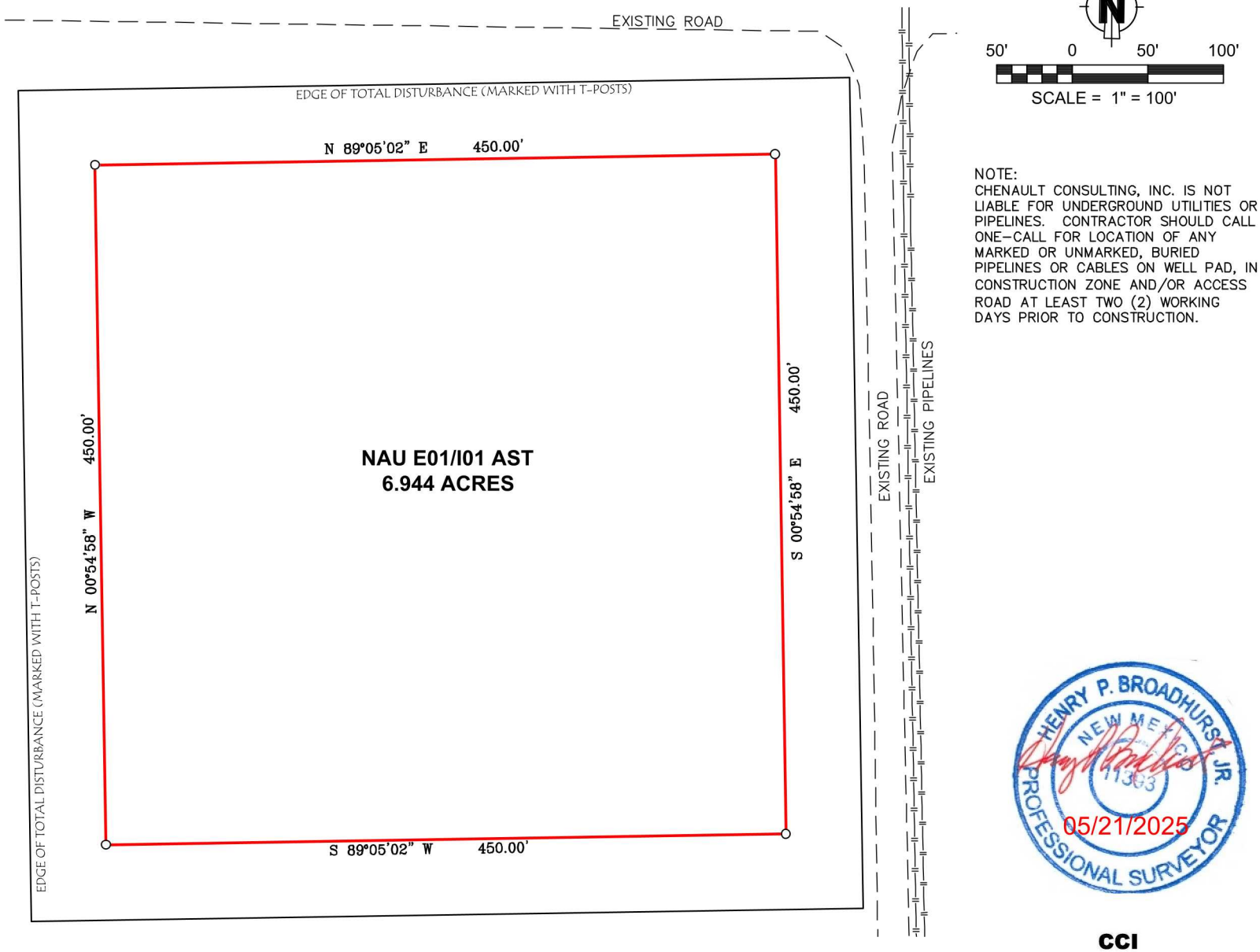
The location will be reclaimed upon completion of use in accordance with the reclamation plan attached to the North Alamito Unit #502 approved APD. This reclamation plan was developed with, and approved by, the surface managing agency.

EXHIBIT A. PLAT

CENTER OF PAD
LATITUDE: 36.173749° N
LONGITUDE: 107.633175° W
DATUM: NAD83

DJR OPERATING, LLC
NORTH ALAMITO E01/I01 AST PAD EXPANSION

LOCATED IN THE NW/4 NW/4 OF SECTION 1, T22N, R8W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO
FINISHED PAD ELEVATION: 6928.6', NAVD 88



NOTES:

1.) BASIS OF BEARING: BETWEEN FOUND MONUMENTS AT THE WEST QUARTER CORNER AND THE NORTHWEST CORNER OF SECTION 1, TOWNSHIP 22 NORTH, RANGE 8 WEST, N.M.P.M. SAN JUAN COUNTY, NEW MEXICO.
LINE BEARS: N 00°34'54" E A DISTANCE OF 2694.18 FEET AS MEASURED BY G.P.S. AND BASED ON THE N.M.S.P. COORDINATE SYSTEM (WEST ZONE).

2.) LATITUDE, LONGITUDE AND ELLIPSOIDAL HEIGHT BASED ON AZTEC CORS L1 PHASE CENTER.
DISTANCES SHOWN ARE GROUND DISTANCES USING A TRAVERSE MERCATOR PROJECTION FROM A WGS84 ELLIPSOID, CONVERTED TO NAD83.
NAVD88 ELEVATIONS AS PREDICTED BY GEOID09.

3.) LOCATION OF UNDERGROUND UTILITIES DEPICTED ARE APPROXIMATE. PRIOR TO EXCAVATION UNDERGROUND UTILITIES SHOULD BE FIELD VERIFIED. ALL CONSTRUCTION ACTIVITIES SHOULD BE FIELD VERIFIED WITH NEW MEXICO ONE-CALL AUTHORITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.

4.) T-POSTS HAVE BEEN SET TO DEFINE THE EDGE OF DISTURBANCE LIMITS WHICH ARE 50' OFFSETS FROM THE EDGE OF THE STAKED WELL PAD.

NOTE:
CHENAULT CONSULTING, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED, BURIED PIPELINES OR CABLES ON WELL PAD, IN CONSTRUCTION ZONE AND/OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

SLOPES TO BE CONSTRUCTED TO MATCH THE ORIGINAL CONTOURS AS CLOSE AS POSSIBLE.

~ SURFACE OWNERSHIP ~
BUREAU OF LAND MANAGEMENT

TOTAL PERMITTED AREA
550' x 550' = 6.944 ACRES
SCALE: 1" = 100'
DATE: 05/20/25
DRAWN BY: GRR

HENRY P. BROADHURST JR. NEW MEXICO 11363 PROFESSIONAL SURVEYOR
05/21/2025

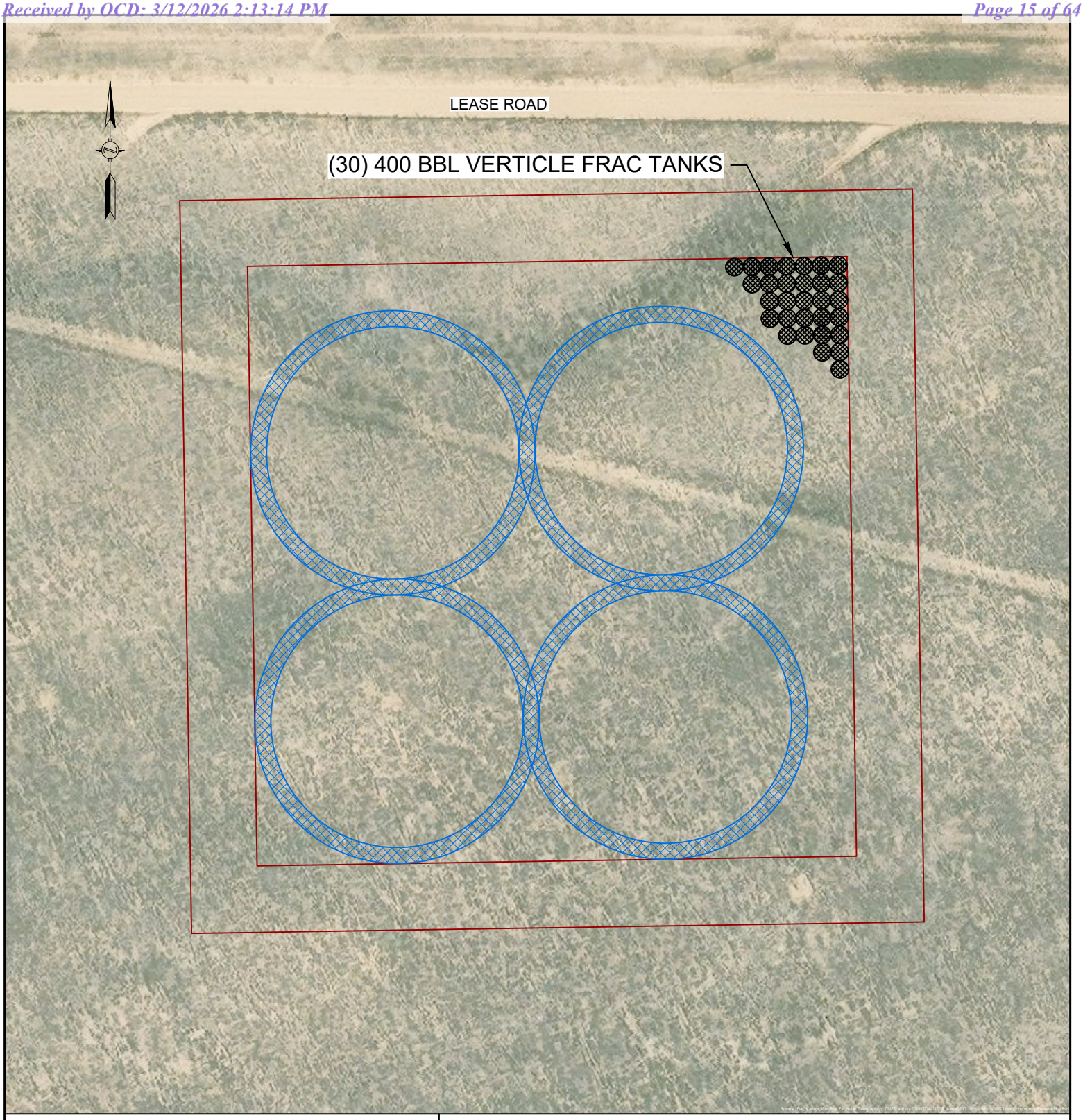
I, HENRY P. BROADHURST, JR., A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I CONDUCTED AND AM RESPOSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

DJR OPERATING, LLC

CCI
CHENAULT CONSULTING INC.
4800 COLLEGE BLVD.
SUITE 201
FARMINGTON, NM 87402
(505)-325-7707

EXHIBIT B. RECYCLING FACILITY AND RECYCLING CONTAINMENT SITE DIAGRAM

B



STAGING AREA

60K BBL ABOVE GROUND STORAGE TANK
190' DIAMETER

ABOVE GROUND STORAGE TANK
CONSTRUCTION BUFFER - 12' WIDE

400 BBL VERTICLE FRAC TANKS
13' DIAMETER

EXHIBIT "B"

ABOVE GROUND STORAGE TANK DIAGRAM
NAU-E01 EXP AST FACILITY PAD

HALKER

DRAWN BY:	KMR	DATE:	12/11/25
CHECKED BY:	CPS	DATE:	12/11/25
APPROVED BY:	BBS	DATE:	12/11/25

REV	REVISION PURPOSE	BY	DATE
		CHK'D	APP'D
B	ISSUED FOR INFORMATION	KMR	01/05/25
		CPS	01/05/25

PROJECT #: 21129-01

DRAWING #: 21129-01-NAU E01 EXP-AST PAD

COUNTY/STATE: SAN JUAN COUNTY, NEW MEXICO

SCALE: 1"=100'

SHEET: 1 OF 1

REV: B

EXHIBIT C. SURFACE OWNER NOTIFICATION

C

U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Name: NORTH ALAMITO UNIT

Well Location: T22N / R8W / SEC 1 / SWNW / 36.169263 / -107.640323

County or Parish/State: SAN JUAN / NM

Well Number: 502H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM117143

Unit or CA Name: NORTH ALAMITO UNIT

Unit or CA Number: NMNM135229A

US Well Number: 3004538216

Operator: DJR OPERATING LLC

Notice of Intent

Sundry ID: 2868106

Type of Submission: Notice of Intent

Type of Action: Surface Disturbance

Date Sundry Submitted: 08/12/2025

Time Sundry Submitted: 10:59

Date proposed operation will begin: 09/01/2025

Procedure Description: DJR/Enduring Resources requests approval to expand the existing North Alamito Unit E01/I01 AST pad that was utilized during completion of the NAU I01, E01 & BTWU E03. The final dimension of the pad will be 500’ x 500’ with the EOD included translates to 6.944 acres of total disturbance. DJR previously utilized a nitrogen completions system which required much less Entrada formation water than the slick water completions system but under the Enduring completion operations system a higher volume of Entrada and/or recycled produced water is needed, which requires more AST storage capacity, justifying the need to expand this pad. This expanded AST pad will assist with the completions program for all future well pads within the Betonnie Tsosie Wash Unit (BTWU) & the North Alamito Unit (NAU) area. Some of these projects are the BTWU N04, BTWU L11, BTWU 101 (NAU A19 expansion), NAU P28, NAU A26, NAU M24, and the NAU P32. Attached are the plats, negative CR (which has already been sent to Kim Adams), and the BSR. The shapefiles will be sent separately via email to Chris Wenman. If required a BLM-permitted paleontological monitor must be present during any surface disturbing activities related to the proposed project to conduct paleontological survey and monitoring. The contracted paleontologist shall be notified at least 48 hours prior to the commencement of any surface disturbing activities. If unanticipated paleontological resources are discovered during ground-disturbing activities, all ground-disturbing activity will immediately cease within 100 feet in all directions of the discovery. The discovery will be immediately reported to the appropriate construction personnel on site (e.g., construction superintendent/foreman, right-of-way inspectors) and other appropriate personnel involved with the project. The on-site personnel will immediately report the discovery to the Bureau of Land Management Paleontology Coordinator and a permitted paleontologist. The agency will evaluate, or will have evaluated, such discoveries as soon as possible, but not later than 72 hours after being notified. All ground-disturbing activities within 100 feet of the discovery will not resume until the agency has agreed that activities may resume, within a practicable time frame to allow impacts to the resource to be mitigated or avoided. The proponent will be responsible for the cost of evaluation and any mitigation measures required to protect the paleontological resource. The proponent may not be required to suspend all operations if activities can be adjusted to avoid further impacts to a discovered locality or be continued elsewhere.

Well Name: NORTH ALAMITO UNIT

Well Location: T22N / R8W / SEC 1 / SWNW / 36.169263 / -107.640323

County or Parish/State: SAN JUAN / NM

Well Number: 502H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM117143

Unit or CA Name: NORTH ALAMITO UNIT

Unit or CA Number: NMNM135229A

US Well Number: 3004538216

Operator: DJR OPERATING LLC

Surface Disturbance

Is any additional surface disturbance proposed?: Yes

Proposed Disturbance(acres): 5.564

Interim Reclamation (acres): 0.0

Long Term Disturbance (acres): 6.944

Surface Disturbance:

NOI Attachments

Procedure Description

158722_FInal_Report___Client_20250812105544.pdf

DJRs_NAU_E01_I01_AST_Project_BSR_2025_08_04_to_BLM_20250812105529.pdf

NAU_E01_I01_AST_20250812105504.pdf

Conditions of Approval

Specialist Review

3._DNA___Sundry_ID_2868106_DJR_Enduring_NAU_E01_I01_AST_Expansion_20260127120512.pdf

COAs___DNA___Sundry_ID_2868106_DJR_Enduring_NAU_E01_I01_AST_Pad_Expansion_20260127120512.pdf

2._FONSI___DNA___Sundry_ID_2868106_DJR_Enduring_NAU_E01_I01_AST_Pad_Expansion_20260127120512.pdf

1._DR___DNA___Sundry_ID_2868106_DJR_Enduring_NAU_E01_I01_AST_Pad_Expansion_20260127120512.pdf

Well Name: NORTH ALAMITO UNIT

Well Location: T22N / R8W / SEC 1 / SWNW / 36.169263 / -107.640323

County or Parish/State: SAN JUAN / NM

Well Number: 502H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM117143

Unit or CA Name: NORTH ALAMITO UNIT

Unit or CA Number: NMNM135229A

US Well Number: 3004538216

Operator: DJR OPERATING LLC

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: HEATHER HUNTINGTON

Signed on: DEC 12, 2025 08:57 AM

Name: DJR OPERATING LLC

Title: Permitting Technician

Street Address: 200 ENERGY COURT

City: FARMINGTON **State:** NM

Phone: (505) 636-9751

Email address: HHUNTINGTON@ENDURINGRESOURCES.COM

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

BLM Point of Contact

BLM POC Name: DAVE J MANKIEWICZ

BLM POC Title: AFM-Minerals

BLM POC Phone: 5055647761

BLM POC Email Address: DMANKIEW@BLM.GOV

Disposition: Approved

Disposition Date: 01/27/2026

Signature: Dave J Mankiewicz

Form 3160-5
(October 2024)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0220
Expires: October 31, 2027

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

5. Lease Serial No. NMNM117143

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No. NORTH ALAMITO UNIT/NMNM135229A

1. Type of Well
☑ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No. NORTH ALAMITO UNIT/502H

2. Name of Operator DJR OPERATING LLC

9. API Well No. 3004538216

3a. Address 1700 LINCOLN STREET SUITE 2800, DENVER,

3b. Phone No. *(include area code)* (303) 595-7433

10. Field and Pool or Exploratory Area BASIN MANCOS/ALAMITO N; MANCOS (OIL)

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)* SEC 1/T22N/R8W/NMP

11. Country or Parish, State SAN JUAN/NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

DJR/Enduring Resources requests approval to expand the existing North Alamito Unit E01/I01 AST pad that was utilized during completion of the NAU I01, E01 & BTWU E03. The final dimension of the pad will be 500 x 500 with the EOD included translates to 6.944 acres of total disturbance. DJR previously utilized a nitrogen completions system which required much less Entrada formation water than the slick water completions system but under the Enduring completion operations system a higher volume of Entrada and/or recycled produced water is needed, which requires more AST storage capacity, justifying the need to expand this pad. This expanded AST pad will assist with the completions program for all future well pads within the Betonnie Tsosie Wash Unit (BTWU) & the North Alamito Unit (NAU) area. Some of these projects are the BTWU N04, BTWU L11, BTWU 101 (NAU A19 expansion), NAU P28, NAU A26, NAU M24, and the NAU P32.

Attached are the plats, negative CR (which has already been sent to Kim Adams), and the BSR. The shapefiles will be sent separately via email to Chris Wenman.

If required a BLM-permitted paleontological monitor must be present during any surface disturbing activities related to the proposed project to

Continued on page 3 additional information

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)* HEATHER HUNTINGTON / Ph: (505) 636-9751

Title Permitting Technician

Signature (Electronic Submission)

Date 12/12/2025

THE SPACE FOR FEDERAL OR STATE OFICE USE

Approved by DAVE J MANKIEWICZ / Ph: (505) 564-7761 / Approved

Title AFM-Minerals

Date 01/27/2026

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office FARMINGTON

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.
AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.
PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.
ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.
EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:
The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.
Response to this request is mandatory.
The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect ofthis form to U.S. Department ofthe Interior, Bureau ofLand Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Additional Remarks

conduct paleontological survey and monitoring. The contracted paleontologist shall be notified at least 48 hours prior to the commencement of any surface disturbing activities. If unanticipated paleontological resources are discovered during ground-disturbing activities, all ground-disturbing activity will immediately cease within 100 feet in all directions of the discovery. The discovery will be immediately reported to the appropriate construction personnel on site (e.g., construction superintendent/foreman, right-of-way inspectors) and other appropriate personnel involved with the project. The on-site personnel will immediately report the discovery to the Bureau of Land Management Paleontology Coordinator and a permitted paleontologist. The agency will evaluate, or will have evaluated, such discoveries as soon as possible, but not later than 72 hours after being notified. All ground-disturbing activities within 100 feet of the discovery will not resume until the agency has agreed that activities may resume, within a practicable time frame to allow impacts to the resource to be mitigated or avoided. The proponent will be responsible for the cost of evaluation and any mitigation measures required to protect the paleontological resource. The proponent may not be required to suspend all operations if activities can be adjusted to avoid further impacts to a discovered locality or be continued elsewhere.

Location of Well

0. SHL: SWNW / 2492 FNL / 567 FWL / TWSP: 22N / RANGE: 8W / SECTION: 1 / LAT: 36.169263 / LONG: -107.640323 (TVD: 0 feet, MD: 0 feet)
PPP: NWNW / 0 FNL / 0 FWL / TWSP: 22N / RANGE: 8W / SECTION: 7 / LAT: 36.158203 / LONG: -107.624604 (TVD: 4873 feet, MD: 13440 feet)
PPP: NENE / 0 FNL / 0 FWL / TWSP: 22N / RANGE: 8W / SECTION: 12 / LAT: 36.158203 / LONG: -107.624604 (TVD: 4873 feet, MD: 13440 feet)
PPP: SWNW / 2343 FNL / 474 FWL / TWSP: 22N / RANGE: 8W / SECTION: 1 / LAT: 36.169673 / LONG: -107.64063 (TVD: 4906 feet, MD: 5625 feet)
BHL: SWNW / 2299 FNL / 1338 FWL / TWSP: 22N / RANGE: 7W / SECTION: 7 / LAT: 36.155128 / LONG: -107.620121 (TVD: 4873 feet, MD: 13440 feet)

EXHIBIT D. GROUND WATER REPORT

D

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Alamito Coal Company Owner's Well No. Gallo Wash #5 SJ 949-S

Street or Post Office Address P. O. Box 711

City and State Tucson, Arizona

Well was drilled under Permit No. SJ-949 & S and is located in the:

a. ___ ¼ ___ ¼ NE ¼ SW ¼ of Section 1 Township 22N Range 8W N.M.P.M.

b. Tract No. ___ of Map No. ___ of the ___

c. Lot No. ___ of Block No. ___ of the ___ Subdivision, recorded in ___ County.

d. X= ___ feet, Y= ___ feet, N.M. Coordinate System ___ Zone in the ___ Grant.

(B) Drilling Contractor Coleman Drilling Co. License No. WD-709

Address P. O. Drawer 3337, Farmington, NM 87401

Drilling Began May 19, 1980 Completed May 29, 1980 Type tools Rotary Size of hole 17½ in.

Elevation of land surface ~~or~~ ___ at well is 6927.5 ft. Total depth of well 2647 ft.

Completed well is ☐ shallow ☒ artesian. Depth to water upon completion of well 1106 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
2037	2634	597	LaVentana Tongue of Cliff House Ss., sandstn., lt-med gray, fine-grained	400

'80 AUG 1 AM 11

ALBUQUERQUE, NEW MEX.

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
20"	78.	welded	0	189	189	none	none	
13-3/8"	68.	8	+2	2611	2613	cement bull-nose	2046	2609

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
0	1984	17½	--	2087	displacement

'80 AUG 18 PM 12 39

STATE ENGINEER SANTA FE, N.M.

Section 5. PLUGGING RECORD

Plugging Contractor ___

Address ___

Plugging Method ___

Date Well Plugged ___

Plugging approved by:

___

State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received August 1, 1980

Quad ___ FWL ___ FSL ___

File No. SJ-949 Use Mining Location No. 22N.8W.1.320

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
			(please see electric logs)

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

John W. Thomaker

~~Driller~~ Consulting Geologist

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

WR-36

BR

FIELD REPORT FOR CEMENTING OF WELLS

Name of Applicant Santa Fe Mining 7:40 P.M. 5-25-80

Name of Well Gallo Wash Field SJ-949-S

Driller's Name Coleman

Drilling Method Rotary

CASING DATA:
Surface 201 feet of 20' inch. Grade 78# ASTM(P.E.)

Inspected by _____ on _____

(Approved)(Rejected) _____

Water string *2662 feet of 13 3/8 inch. Grade J-55

Inspected by Tom Blaine on _____

(Approved)(Rejected) _____

Oil string _____ feet of _____ inch. Grade _____

Inspected by _____ on _____

(Approved)(Rejected) _____

CEMENTING PROGRAM:
Cemented by Dowell Supervised by Tom Blaine

Type of shoe used Bullnose Guideshoe Float collar used see back**

Bottom three joints welded no Cement: around shoe no see back** sks. _____

around casing yes sks. 1328 Additives Top-1600' is 50% Posolite

50% neat Class B 2% Cal 6% gel 0.25 lbs Cel Flake

12.25#/sack gilsonite

Size of hole *** 17½ " Size of casing 13 3/8 # sks. of cement required _____

Plug pumped down 11:25 (a.m.)(p.m.) 5-28-80

Cement circulated 11:45 A.M. No. of sacks _____

Temp. survey ran _____ (a.m.)(p.m.) Cement at _____ feet

Temp. survey ran _____ (a.m.)(p.m.) Cement at _____ feet

Checked for shut off 12:05 (a.m.) (p.m.)

Method used pressured up to 1200 psi Supervised by Blaine

Checked for shut off _____ (a.m.) (p.m.)

Method used _____ Supervised by _____

REMARKS: All but the last 400' will be the above cement mixture. The cement from 400' above the packer and down to the packer will be neat cement class B weight of 15.6 lbs/gal.

* Bottom will be slotted casing 563 ft.

*** Drilled 12¼-in. reamed to 17½

Job approved by _____

File No. SJ-949-S Location No. _____

** The float collar will be installed at the top of the slotted casing. A valve will be installed above packer to allow cement to circulate.

The reason for this is to enable the inside of the casing to be pressured to circulate cement above the slotted casing.

Packer will be set on outside of casing above slotted casing. Baskets were installed above packer for a back up!

Pumping truck is equipped with a built-in mud balance. Operator says that it is calibrated every time it is to be used.

2:30 AM 5-28-80	Started to run casing
4:30 AM 5-28-80	Set Float Collar
8:30 AM 5-28-80	Bottomed out casing 2663 Ft.
9:15 AM 5-28-80	Pressured up packer to 1600# Packer held 10,000 lbs over drill string weight (VERTICAL LIFT)
10:15 AM 5-28-80	Started running cement @ 500 psi Weight = 11.8#/gal.
11:24 AM 5-28-80	All cement placed.
11:27 AM 5-28-80	Plug dropped in casing.
11:45 AM 5-28-80	STARTED CIRCULATING CEMENT.

'80 JUL 2 PM 2 25
STATE ENGINEER
SANTA FE, N.M.

WIRELINE SERVICES
GEARHART-OWEN

COMPENSATED DENSITY LOG

FILING NO.

COMPANY ALAMITO COAL COMPANY

WELL GALLO NO. 5

FIELD

COUNTY SAN JUAN STATE NEW MEXICO

Location: NE 1/4 SW/ 1/4
[illegible] 1847 18'FEL.

Other Services
IEL

WIRELINE SERVICES
GEARHART-OWEN

INDUCTION ELECTRICAL LOG

FILING NO.

COMPANY ALAMITO COAL COMPANY

WELL GALLO WASH NO. 5

FIELD

COUNTY SAN JUAN STATE NEW MEXICO

LOCATION:
NE 1/4 SW 1/4
1972.47 FNL x 1874.18 FEL

Other Services
CDL/GR

BIRDWELL

Gamma Ray-Caliper

COMPANY ALAMITO COAL COMPANY

WELL ALAMITO #5

FIELD WATER WELL

COUNTY SAN JUAN STATE NEW MEXICO

LOCATION:

SEC. 1 TWP. 22N RGE. 8W

OTHER SERVICES
NONE

PERMANENT DATUM GROUND LEVEL, ELEV. 6927.5
LOG MEASURED FROM G.L., 12.5 Ft. Above Perm. Datum
DRILLING MEASURED FROM KELLY BUSHING

ELEV. K.B. 6940
D.F. 6932
G.L. 6927.5

DATE	5/27/80			
RUN NO.	ONE			
TYPE LOG	GAG			
DEPTH — DRILLER	2661			
DEPTH — LOGGER	2673			
BTM. LOG. INTER.	[illegible]			

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 smallest to largest)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Well Depth	Depth Water	Water Column
SJ 00948 EXPL		SJ	SJ	NE	SW	NW	23	22N	08W	260863.0	4001404.0 *		350	220	130

Average Depth to Water: **220 feet**

Minimum Depth: **220 feet**

Maximum Depth: **220 feet**

Record Count: 1

Basin/County Search:
County: SJ

PLSS Search:
Range: 08W
Township: 22N
Section: 23

*** UTM location was derived from PLSS - see Help**

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 smallest to largest) (In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Well Depth	Depth Water	Water Column
SJ 01706		SJ	SJ		SW	SE	12	22N	09W	253627.0	4003944.0 *		762	362	400

Average Depth to Water: **362 feet**

Minimum Depth: **362 feet**

Maximum Depth: **362 feet**

Record Count: 1

Basin/County Search:
County: SJ

PLSS Search:
Range: 09W
Township: 22N
Section: 12

*** UTM location was derived from PLSS - see Help**

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 smallest to largest) (In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Well Depth	Depth Water	Water Column
SJ 01507		SJ	RA	SW	SW	SE	10	23N	07W	269889.0	4013098.0 *		1709	900	809

Average Depth to Water: **900 feet**

Minimum Depth: **900 feet**

Maximum Depth: **900 feet**

Record Count: 1

Basin/County Search:
County: RA

PLSS Search:
Range: 07W
Township: 23N
Section: 10

*** UTM location was derived from PLSS - see Help**

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 smallest to largest) (In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Well Depth	Depth Water	Water Column
SJ 03978 POD1		SJ	SJ	NW	NE	NW	22	23N	08W	259816.4	4011541.8		500	260	240

Average Depth to Water: **260 feet**

Minimum Depth: **260 feet**

Maximum Depth: **260 feet**

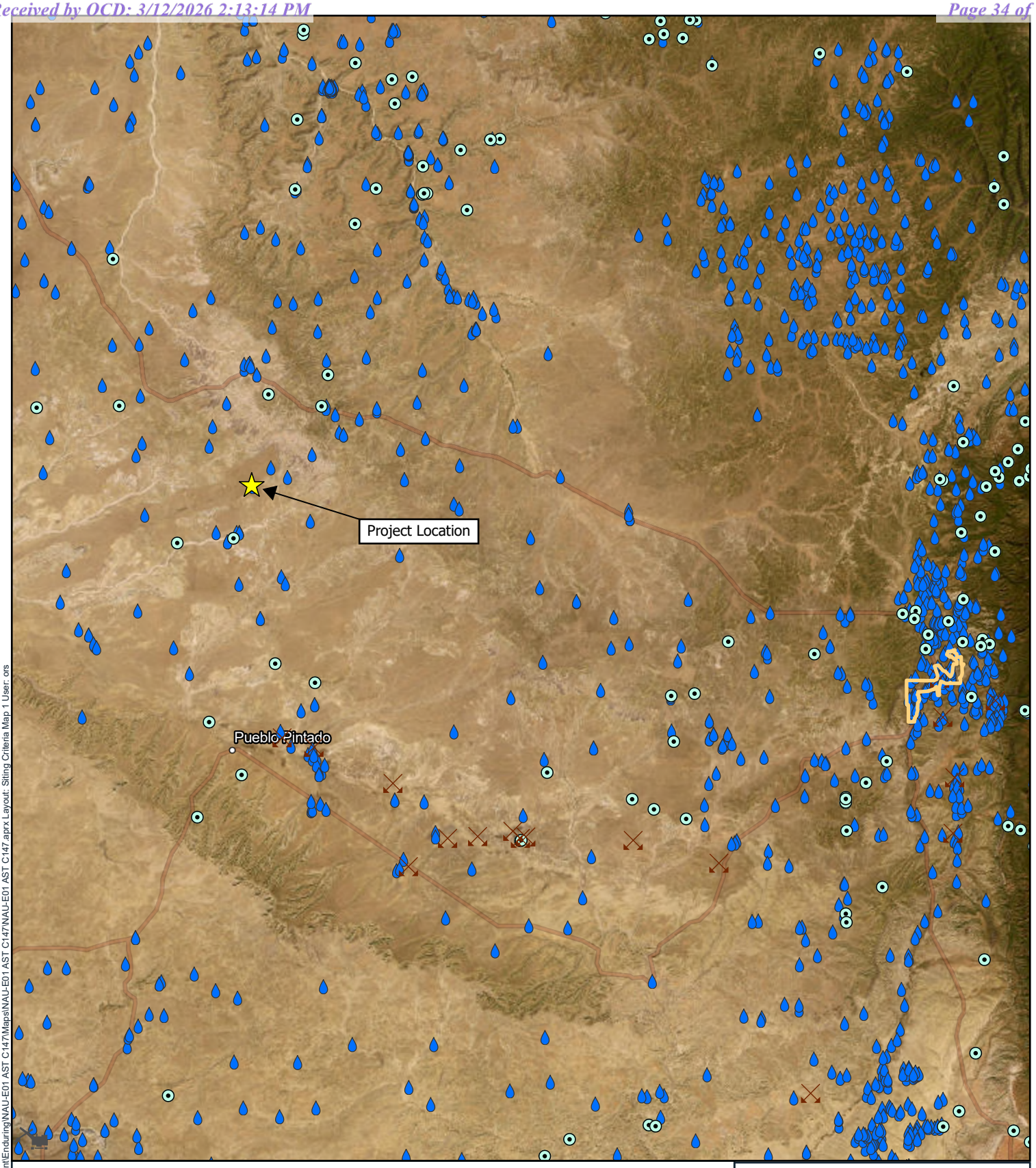
Record Count: 1

Basin/County Search:
County: SJ

PLSS Search:
Range: 08W
Township: 23N
Section: 22

*** UTM location was derived from PLSS - see Help**

EXHIBIT E. SITING CRITERIA MAPS



Incorporated Places

Registered Mines

Coal

Humate

National Hydrography Dataset - Seep/ Spring

Office of State Engineer - Points of Diversion

0 5 10
Miles

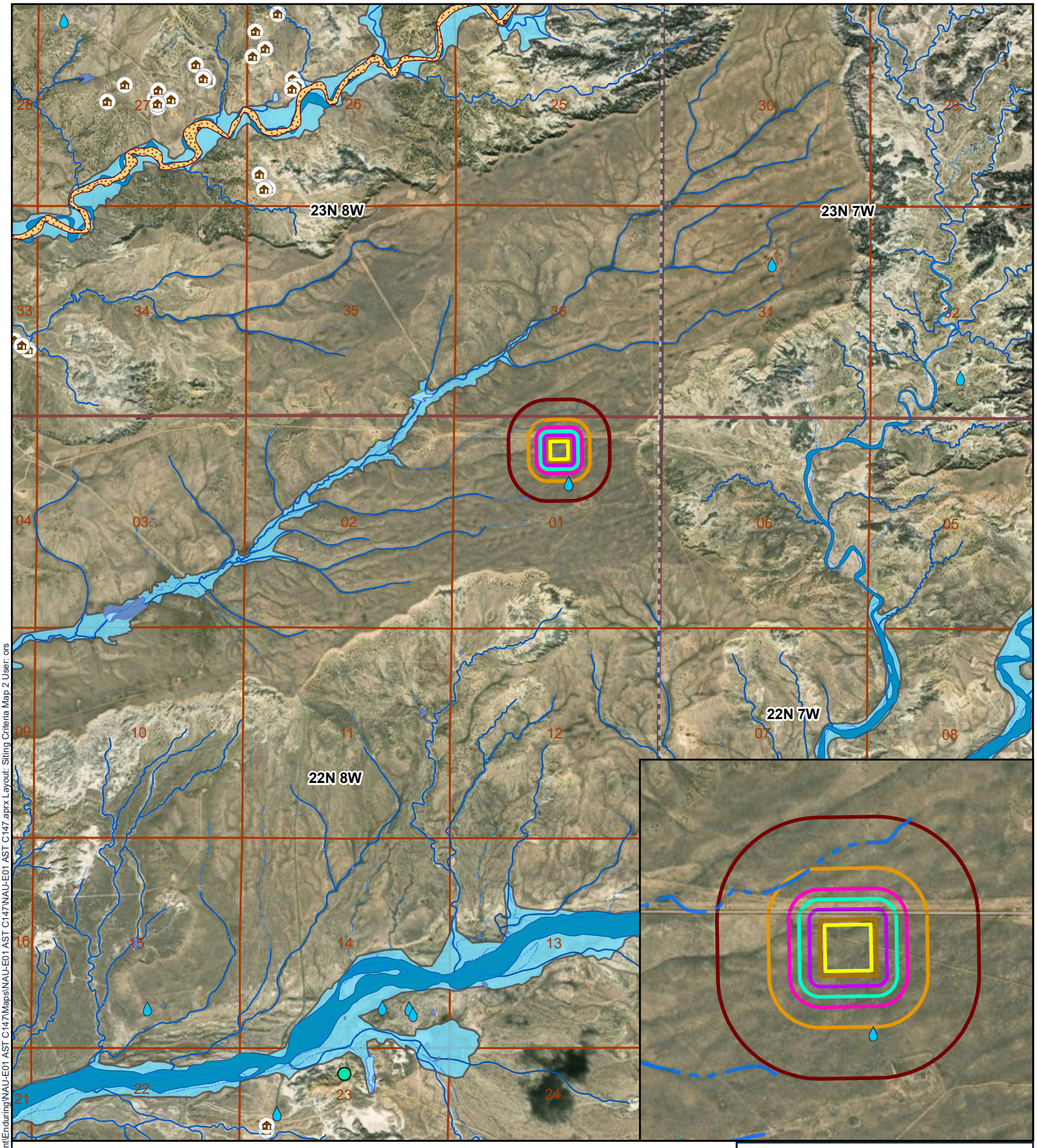
Sources: Barr Engineering, DJR Operating, LLC, ESRI

North Alamito Unit E01-I01
Aboveground Storage Tank Pad
DJR Operating, LLC

Map 1

Siting Criteria

Barr Footer: ArcGISPro, 2/3/2026 10:44 AM File: I:\Client\Enduring\NAU-E01 AST C147\Maps\NAU-E01 AST C147\NAU-E01 AST C147.aprx Layout: Siting Criteria Map 1 User: ors



North Alamito Unit E01-I01 Aboveground Storage Tank Pad
Edge of Disturbance
100-Foot Wide Buffer
200-Foot Wide Buffer
500-Foot Wide Buffer
1000-Foot Wide Buffer
300-Foot Wide Buffer
Residence
Office of the State Engineer - Point of Diversion

Township
Section

National Wetlands Inventory (NWI)
Freshwater Emergent Wetland
Freshwater Pond
Riverine

National Flood Hazard Layer (NM)
Special Flood Hazard Area
Area of Minimal Flood Hazard (Zone X)

National Hydrography Dataset (NHD)
Waterbody
Lake/Pond
Area
Wash
Flowline
River/Stream: Perennial
River/Stream: Intermittent
Spring/Seep

0 0.5 1
Miles

Sources: Barr Engineering, DJR Operating, LLC, ESRI

North Alamito Unit E01-I01
Aboveground Storage Tank Pad
DJR Operating, LLC

Map 2

Siting Criteria

Barr Footer: ArcGISPro 2/3/2026 10:43 AM File: I:\Client\Enduring\NAU-E01 AST C147\Maps\NAU-E01 AST C147\NAU-E01 AST C147.aprx Layout: Siting Criteria Map 2 User: ors

EXHIBIT F. AQUATIC RESOURCES DELINEATION TECHNICAL MEMORANDUM

SWCA ENVIRONMENTAL CONSULTANTS
Sound Science. Creative Solutions.®

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AQUATIC RESOURCES DELINEATION TECHNICAL MEMORANDUM

To: Casey Haga, Enduring Resources IV, LLC

From: SWCA Environmental Consultants

Date: July 8, 2025

Re: **DJR's North Alamito Unit E01-I01 Aboveground Storage Tank Pad Project in San Juan County, New Mexico, Aquatic Resources Delineation Technical Memorandum / SWCA Project Nos. 52729-070 and 52729-071**

INTRODUCTION

SWCA Environmental Consultants (SWCA) was retained by DJR Operating, LLC (DJR), a subsidiary of Enduring Resources, IV (Enduring), to complete an aquatic resources delineation survey, commonly referred to as a wetland delineation, and associated technical memorandum for the North Alamito Unit E01-I01 Aboveground Storage Tank Pad Project (project) in San Juan County, New Mexico. The project area comprises 6.94 acres of land managed by the Bureau of Land Management Farmington Field Office. The project components consist of one pad with four aboveground storage tanks (project area) to house produced water to support completions activities for well development in the area (Figure A-1 in Appendix A). An existing road is immediately adjacent to the project, and other oil and gas infrastructure is in the vicinity. SWCA evaluated a survey area that consists of the project area plus a 500-foot buffer for aquatic resources. The approximate center point of the survey area is at latitude 36.17375°, longitude −107.633185°.

The purpose of this evaluation, including a desktop review and field survey of aquatic resources, is to provide an overview of aquatic resources within the survey area to support DJR's compliance with 19.15.34 New Mexico Administrative Code (NMAC) and Section 404 of the Clean Water Act (CWA).

This aquatic resources delineation technical memorandum summarizes the results of this evaluation which can be used to inform the preparation of Form C-147 for application for permit or registration specific to for recycling and reuse of produced water, drilling fluids and liquid oil field waste, in accordance with 19.15.34 NMAC, as regulated by the Energy, Minerals and Natural Resources Department. Additionally, this technical memorandum serves as a record of existing aquatic resources that may be considered waters of the United States (WOTUS) under jurisdiction of the U.S. Army Corps of Engineers (USACE) under the WOTUS rule in place at the time of this report's preparation.

Regulatory considerations, survey methodology, survey results, and a summary are presented below.

REGULATORY CONSIDERATIONS

Waters of the United States

The CWA serves as the federal regulatory structure to protect surface water quality. Federal jurisdiction of surface waters extends to features that meet the definition of WOTUS, as defined under 33 Code of Federal Regulations 328. On September 8, 2023, the "Revised Definition of 'Waters of the United States'" rule as amended (2023 Amended Rule) (*Federal Register* 88:61964) went into effect and is currently applicable in the state of New Mexico. The 2023 WOTUS Rule and amendment were developed by the U.S. Environmental Protection Agency (EPA) and the USACE to clarify nationwide regulations that define the jurisdictional extent of the CWA and the definition of WOTUS for use in regulations under the CWA. In general, under the 2023 Amended Rule, WOTUS include traditional navigable waters, territorial seas, and interstate waters; impoundments of WOTUS; and tributaries, adjacent wetlands, ponds, and lakes that are relatively permanent, standing or continuously flowing bodies of water that have a continuous surface connection to a WOTUS (EPA 2025).

A USACE Department of the Army permit pursuant to CWA Section 404 is required for the discharge of dredged or fill material into WOTUS, unless an exemption applies. Depending on the scope and level of potential impacts, the discharge of dredged or fill material into WOTUS may require permitting prior to the initiation of proposed activities with potential to impact WOTUS.

The identification of features that have the potential to be considered WOTUS under jurisdiction of the USACE is based on the regulatory guidance effective at the time of this report's preparation, including the 2023 Amended Rule (EPA 2025) and guidance received by the USACE Albuquerque District (USACE 2025). The USACE, in coordination with the EPA, has regulatory authority under CWA Section 404 and discretion in determining the federal jurisdictional status of aquatic resources at a given site.

The potential jurisdictional status of surface aquatic features in the survey area are evaluated based on the regulatory guidance effective at the time of this report's preparation, including the 2023 Amended Rule (EPA 2025) and guidance received by the USACE Albuquerque District (USACE 2025a). Only the USACE and EPA have final and legal authority for determining the presence of jurisdictional WOTUS and the extent of their boundaries.

19.15.34 New Mexico Administrative Code

19.15.34 NMAC applies to the transportation, disposal, recycling, reuse, or the direct surface or subsurface disposition by use of water produced or used in connection with the development or production of oil or gas or both; in road construction or maintenance, or other construction; and in the generation of electricity or in other industrial processes. 19.15.34 NMAC also applies to the transportation of drilling fluids and liquid oil field waste.

A permit or registration, depending on the proposed activity, for recycling and reuse of produced water, drilling fluids, and liquid oil field waste including recycling containment is required via New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division's (NMOCD's) Form C-147.

DJR is proposing recycling containment as part of the project, requiring compliance with 19.15.34.11 NMAC. As defined in 19.15.34.10(B), recycling containments may hold produced water for use in connection with drilling, completion, producing, or processing oil or gas or both. Such fluids may include fresh water, brackish water, recycled and treated water, fluids added to water to facilitate well drilling or completion, water produced with oil and gas, flowback from operations, water generated by an oil or gas

processing facility, or other waters that are gathered for well drilling or completion but may not include any hazardous waste. Form C-147 siting criteria require that a recycling containment not be located:

- where groundwater is less than 50 feet below the bottom of the containment;
- within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole or playa lake (measured from the ordinary high water mark [OHWM]);
- within 500 feet of a spring or freshwater well used for domestic or stock watering purposes in existence at the time of the initial registration;
- within incorporated municipal boundaries or within a defined municipal freshwater well field covered by a municipal ordinance adopted pursuant to Section 3-27-3 New Mexico Statutes 1978, as amended, unless the municipality specifically approves the recycling containment in writing;
- within 500 feet of a wetland; or
- within a 100-year floodplain.

Watercourse is defined in 19.15.2.7 NMAC as "a river, creek, arroyo, canyon, draw or wash or other channel having definite banks and bed with visible evidence of the occasional flow of water." The term significant watercourse is defined in 19.15.17.4 NMAC as "a watercourse with a defined bed and bank either named or identified by a dashed blue line on a USGS 7.5 minute quadrangle map or the next lower order tributary with a defined bed and bank of such watercourse." Wetlands are defined in 19.15.2.7 NMAC as "areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions in New Mexico." The NMAC defines playa lake as "a level or nearly level area that occupies the lowest part of a completely closed basin and that is covered with water at irregular intervals, forming a temporary lake."

METHODOLOGY

The aquatic resources evaluation consists of a desktop data review and a delineation field survey of the project area plus a 500-foot buffer for the following C-147 siting criteria, as described below: continuously flowing watercourses, significant watercourses, lakebeds, sinkholes, playa lakes, wetlands, and floodplains. From the C-147 siting criteria, SWCA did not evaluate the depth to groundwater or presence/absence of springs or freshwater wells used for domestic or stock watering purposes. SWCA also did not evaluate whether the project is within incorporated municipal boundaries or within a defined municipal freshwater well field covered by a municipal ordinance relevant to 19.15.34 NMAC.

Existing Data Review

The desktop data review involves a review of existing publicly available data to identify surface aquatic resources within the survey area prior to the aquatic resources field survey. Evaluation of the survey area for the presence or absence of surface aquatic resources is an essential component of the desktop review, as it informs project planning and considerations for the aquatic resources field survey. Potential WOTUS features, such as intermittent or perennial streams, ponds, lakes, playas, and wetlands, are identified during the desktop review for further investigation during the site visit.

Sources reviewed include the U.S. Geological Survey (USGS) National Hydrography Dataset (NHD) (USGS 2022), U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI) maps (USFWS 2025), Federal Emergency Management Agency (FEMA) National Flood Hazard Layer (FEMA 2025), Natural Resources Conservation Service (NRCS) Web Soil Survey (NRCS 2025), historic and

current aerial imagery of the project area (Google Earth Pro 2025), and the USGS Watershed Boundary Dataset (USGS 2021). SWCA uses the USACE's Antecedent Precipitation Tool (Version 2.0.0) (USACE 2023) to evaluate the conditions leading up to, and during, the site visit relative to normal conditions, seasonality, and typical-year considerations.

Field Survey

Wetlands

Wetlands are defined jointly by the *Federal Register* and the EPA as "those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions" (USACE 1987:9). To meet the basic definition of a wetland, an area must contain the following three parameters under normal circumstances: 1) the presence of wetland hydrology indicators showing regular inundation, 2) a dominance of hydrophytic vegetation, and 3) soil characteristics and indicators of frequent saturation (i.e., hydric soils) (USACE 1987). The *Corps of Engineers Wetlands Delineation Manual* includes in its technical approach for identification and delineation of wetlands that "except in certain situations, evidence of a minimum of one positive wetland indicator from each parameter (hydrology, soil, and vegetation) must be found in order to make a positive wetland determination" (USACE 1987:9).

The NMAC or NMOCD do not provide methods or guidance on determining wetlands; therefore, SWCA uses USACE guidance to delineate all wetlands. To identify potentially jurisdictional wetlands, the presence/absence of three parameters (wetland hydrology, hydric soils, and hydrophytic vegetation) is evaluated in the field using wetland determination methods provided in the *Corps of Engineers Wetlands Delineation Manual* (USACE 1987) and the *Regional Supplement to the Corps of Engineers Wetlands Delineation Manual: Arid West Region (Version 2.0*) (Regional Supplement) (USACE 2008). SWCA biologists visually evaluate the presence/absence of hydrology and hydrophytic vegetation at NWI-modeled wetlands, unmodeled locations identified from the desktop analysis, and locations identified in the field with landform and local relief that may support a wetland. If both wetland hydrology and hydrophytic vegetation indicators are present, the SWCA biologists complete the Regional Supplement's wetland determination datasheet, including the hydric soil section. Quantitative data are collected in the Regional Supplement's wetland determination datasheet using indicators for the wetlands at sample points representative of the immediate vegetation community (USACE 2008) where applicable. Any positive wetland determination point requires data to be collected at an associated upland determination point to identify the boundary between wetland and upland.

SWCA uses the following resources to identify the indicators associated with wetlands: the Regional Supplement (USACE 2008), Munsell Soil Color Charts (Munsell Color 2010), a soil texture by feel chart (Thien 1979), *Field Indicators of Hydric Soils in the United States, Version 9.0* (NRCS 2024), and the 2022 National Wetland Plant List (USACE 2022) with wetland indicator status by species.

Wetland boundaries are delineated where wetland hydrology, hydrophytic vegetation, and hydric soils are all present. Wetlands may also be delineated where one or more wetland indicators are present and the remaining indicators are disturbed or problematic (USACE 2008:Chapter 5).

Non-Wetland Waters

Potentially jurisdictional non-wetland waters, such as streams, rivers, lakes, ponds, and reservoirs, are delineated by identifying the presence of an OHWM. An OHWM is "the line on a shore or bank established by fluctuations of water and is typically identified by physical characteristics such as a clear, natural line impressed on the bank; shelving; changes in the character of soil; destruction of terrestrial

vegetation; the presence of litter and debris; or other appropriate means that consider the characteristics of the surrounding areas" (USACE 2005).

The extent of non-wetland waters is determined in the field using the guidance and methods provided in USACE's *Regulatory Guidance Letter No. 05-05* (USACE 2005). For streams and rivers, the USACE technical guidance *National Ordinary High Water Mark Field Delineation Manual for Rivers and Streams: Final Version* (USACE 2025b) is used to determine the lateral extent of flowing non-wetland waters. For any stream OHWM identified at the targeted survey locations, a USACE OHWM datasheet (USACE 2025c) is completed at a representative sample location within the stream. Other nonflowing non-wetland waters OHWMs, such as for lakes and ponds, is determined by the line on its banks and qualitative notes and photographs are recorded in the field at targeted locations.

For stream or river features that exhibit an OHWM, a streamflow duration assessment is conducted in the field using *Streamflow Duration Assessment Methods for the Arid West and Western Mountains of the United States of America* (USACE 2024). The streamflow duration assessment method (SDAM) is a rapid, field-based method to determine flow duration class at the reach scale in the absence of long-term hydrologic data. Use of the SDAM may inform a range of assessments where information on streamflow duration is useful, including certain jurisdictional determinations under the CWA; however, the SDAM is not a jurisdictional determination (USACE 2024). This method relies on specific indicators to determine stream flow as one of the five following classifications: perennial, intermittent, ephemeral, at least intermittent, or needing more information. The streamflow duration classification is used to support a determination of relative permanency. SWCA biologists record the status of these indicators on a datasheet for the most downstream reach of every targeted stream feature in the survey area with an OHWM. The NMAC or NMOCD do not provide methods or guidance on delineating watercourses. For the purposes of Form C-147, SWCA interprets watercourse as a lotic aquatic feature with an OHWM as the indicator for definite banks and bed with visible evidence of the occasional flow of water.

The Bureau of Land Management (BLM) Carlsbad Field Office uses a categorical system (low, moderate, or high productivity playa[s]) to determine the productivity of playas (BLM 2015). SWCA uses this guidance for documenting playas across New Mexico. Often, playas are ephemeral and isolated from downstream waters and therefore would not be considered WOTUS. However, a playa may be considered a jurisdictional WOTUS (e.g., wetland or non-wetland pond or lake depending on the conditions) if it is relatively permanent with a continuous surface connection to a WOTUS.

Mapping

A handheld GPS receiver set to submeter accuracy was used to record the spatial extent of features, geographically reference data points, and demarcate wetland and water body boundaries during the field survey. Geographic information system (GIS) software was used to analyze recorded features, calculate areas, and generate the survey area maps.

RESULTS

Existing Data Review Results

The project area is entirely within the Escavada Wash watershed (Hydrologic Unit Code 1408010603) (USGS 2021). The entire survey area is within FEMA Flood Zone X, an area of minimal flood hazard. The survey area did not intersect FEMA-designated 100-year flood zones (special flood hazard area). The nearest FEMA-mapped special flood hazard area is 0.4 mile northwest of the project. According to the existing data review, no NWI-mapped wetlands or NHD-mapped surface water features intersect the survey area (USFWS 2025; USGS 2022).

Hydric soils are formed under conditions of saturation, flooding, or ponding long enough during the growing season to develop anaerobic conditions and are one of the three fundamental characteristics of wetlands unless problematic conditions exist. According to the NRCS, one mapped soil unit is present within the survey area: Doak-Sheppard-Shiprock association, rolling. This mapped soil unit is not considered hydric.

The USACE Antecedent Precipitation Tool results, using the approximate center point of the project area, indicate the site visit was conducted under wetter-than-normal conditions (Product of 17) (Table 1). Additionally, according to the WebWIMP model and the Palmer Drought Severity Index, the site visit was conducted during the dry season in a period of extreme drought (USACE 2023). Conditions during the site visit did not represent a typical year (rolling 30-year period [wetter-than-normal]). Therefore, wetland indicators would likely have been altered due to the wetter-than-normal conditions.

Table 1. Antecedent Precipitation Tool Results for Survey Area

30 Days Ending	30th Percentile (inches)*	70th Percentile (inches)†	Observed (inches)‡	Wetness Condition§	Condition Value¶	Month Weight±	Product**
June 11, 2025	0.14	0.82	1.14	Wet	3	3	9
May 12, 2025	0.05	0.84	2.46	Wet	3	2	6
April 12, 2025	0.22	0.70	0.68	Normal	2	1	2
Result							**17 (Wetter than Normal)**

* 30th percentile represents the lower limit of the 30-year normal range for the month.

† 70th percentile represents the upper limit of the 30-year normal range for the month.

‡ Observed: Total precipitation recorded during the month.

§ Wetness Condition: Observed value above 30-year normal range (wet), observed value less than 30-year normal range (dry).

¶ Condition Value: wet = 3, normal = 2, dry = 1.

± Month Weight: first 30-day period = 3, second 30-day period = 2, third 30-day period = 1.

** Product: Antecedent Condition Calculation (condition value × month weight).

Field Results

The aquatic resources delineation survey was completed on June 11, 2025. At the time of the survey, construction of the well pad had not begun, although a portion of the area had been previously disturbed.

Wetlands

SWCA did not observe or delineate any wetland features during the June 2025 field survey due to the lack of wetland indicators within the survey area (see Figure A-1).

Non-Wetland Waters

No potentially jurisdictional non-wetland waters containing an OHWM were identified within the survey area. Therefore, no significant watercourses were identified within 500 feet of the project since SWCA interprets watercourse as a lotic aquatic feature with an OHWM. Additionally, no lakes or playas were observed within the survey area. The survey area encompasses a flat to gently rolling upland habitat dominated by upland plants (big sagebrush [*Artemisia tridentata*] and blue grama [*Bouteloua gracilis*]) (USACE 2022). Photographs of these upland areas are provided in Appendix B.

Summary

Based on the regulatory considerations provided in the Regulatory Considerations section, evaluation of the survey area, and the 2023 Amended Rule (EPA 2025) and guidance received by the USACE Albuquerque District (USACE 2025a), it is SWCA's professional opinion that the survey area does not contain surface aquatic features that would be considered jurisdictional WOTUS by the USACE.

Pursuant to 19.15.34 NMAC, no streams containing an OHWM were observed within 500 feet of the project area. Therefore, no significant watercourses were observed within 500 feet of the proposed project. Playas, lakes, and sinkholes were not observed within 500 feet of the project. Additionally, neither the project area nor the survey area intersect a FEMA 100-year flood zone.

The results and summary provided are based on SWCA's professional opinion. Only the USACE and EPA have final and legal authority for determining the presence of jurisdictional WOTUS and the extent of their boundaries. Only the NMOCD has final and legal authority for determining the presence of continuously flowing watercourses, significant watercourses, or wetlands and the extent of their boundaries for the purposes of permitting and/or registration applicable to 19.15.34 NMAC.

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APPENDIX A

Project Area Map

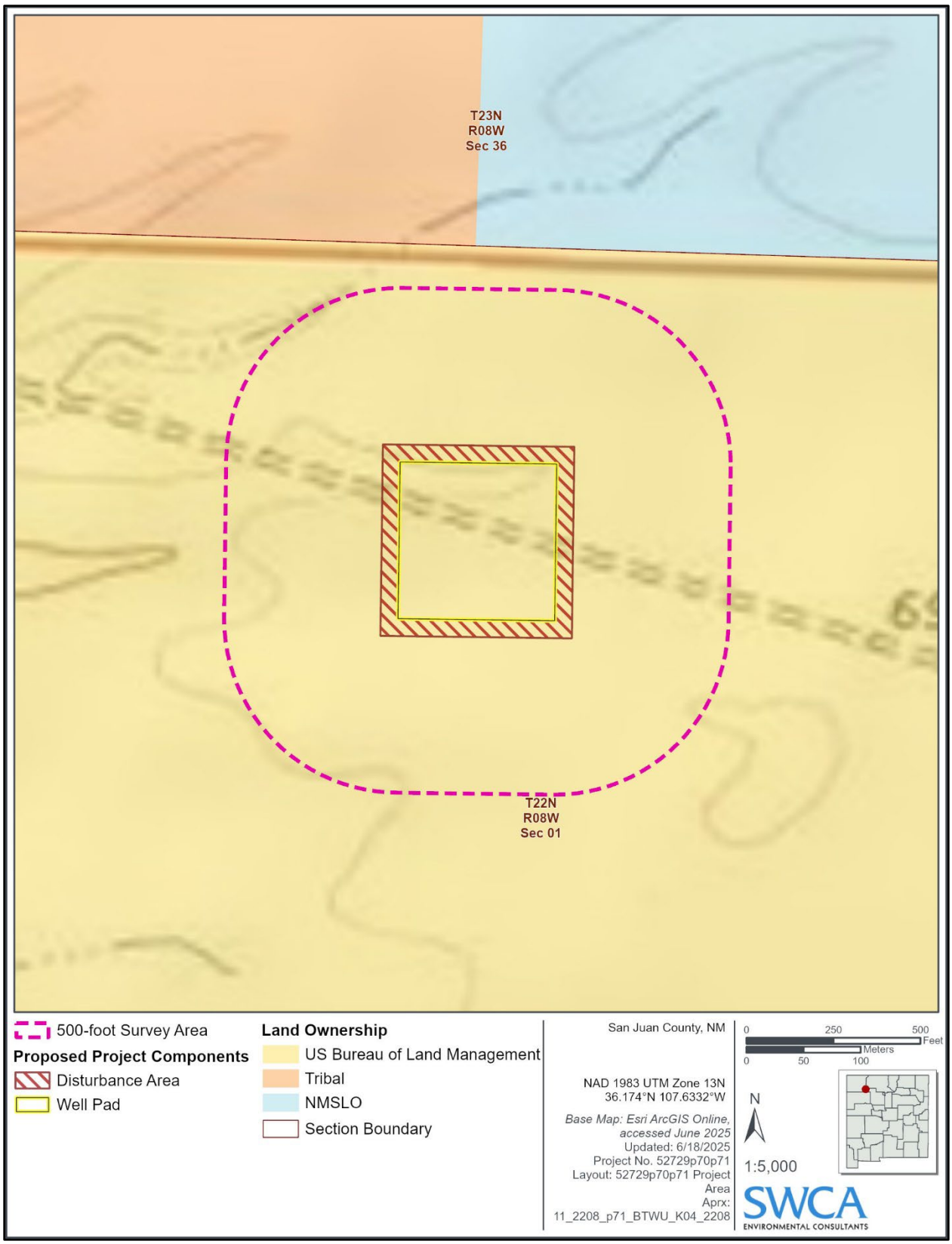


Figure A-1. Project area map.

APPENDIX B

Photographs

Photograph B-1. Overview of the upland landscape from the southwest corner of the pad, facing north.

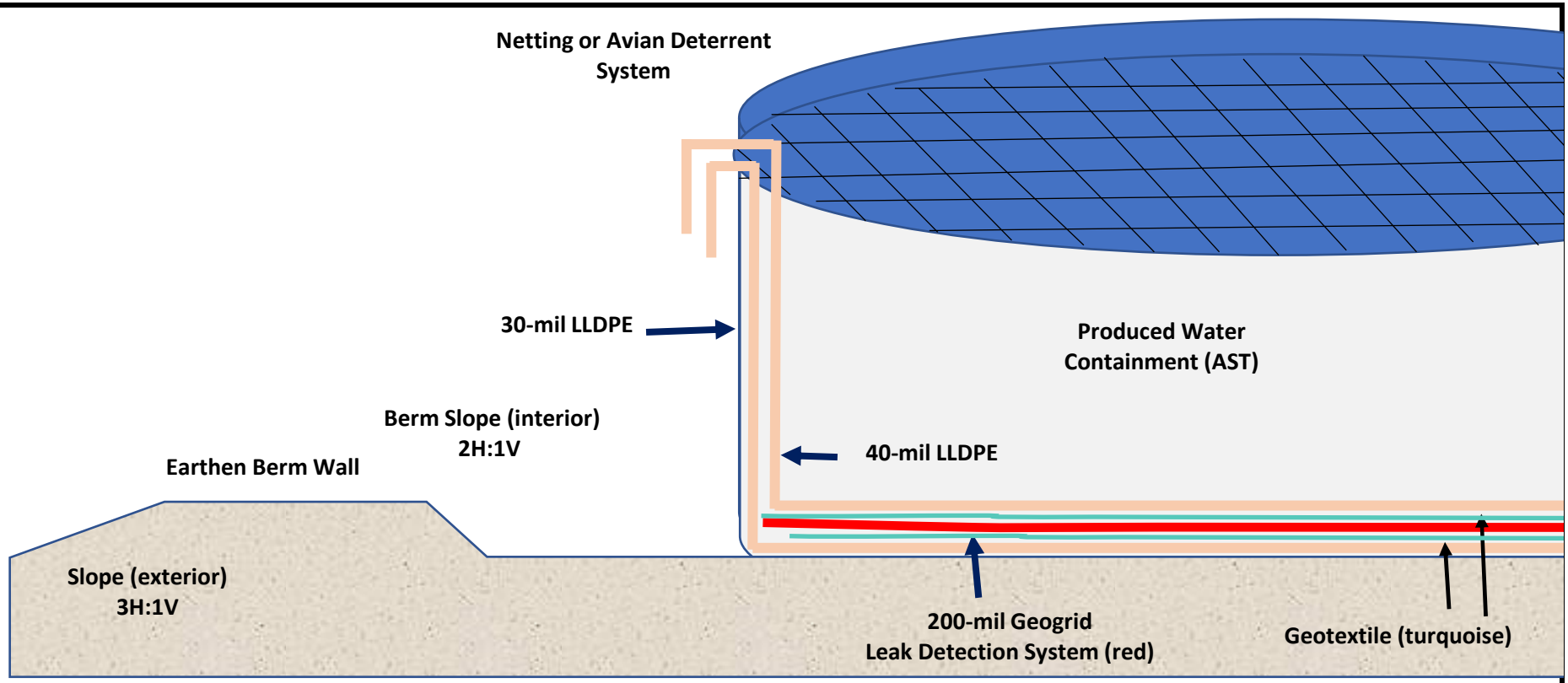
Photograph B-2. Overview of the upland landscape from the southwest corner of the pad, facing east.

Photograph B-3. Overview of the upland landscape from the southwest corner of the pad, facing south.

Photograph B-4. Overview of the upland landscape from the southwest corner of the pad, facing west.

EXHIBIT G. MANUFACTURERS SPECIFICATIONS

G



Description of Leak Detection System

- 40-mil LLDPE comprise primary liner and 30-mil LLDPE comprise the secondary liner
- 200-mil geogrid drainage layer lies between the primary and secondary liner per Plate 2
- Geotextile between the geogrid and each liner
- > 3-inch deep sump excavated on down slope side of AST per Sump Design Drawing
- A small hose runs from the collection sump to top of AST via tube (see Section D)
- Every week, a portable self-priming peristaltic pump connects to the leak detection system.
- The self-priming pump discharge hose runs back into the AST, on top of the primary liner
- If fluid is detected, it is tested for conductance to determine the origin of the water (i.e. produced water or condensation)

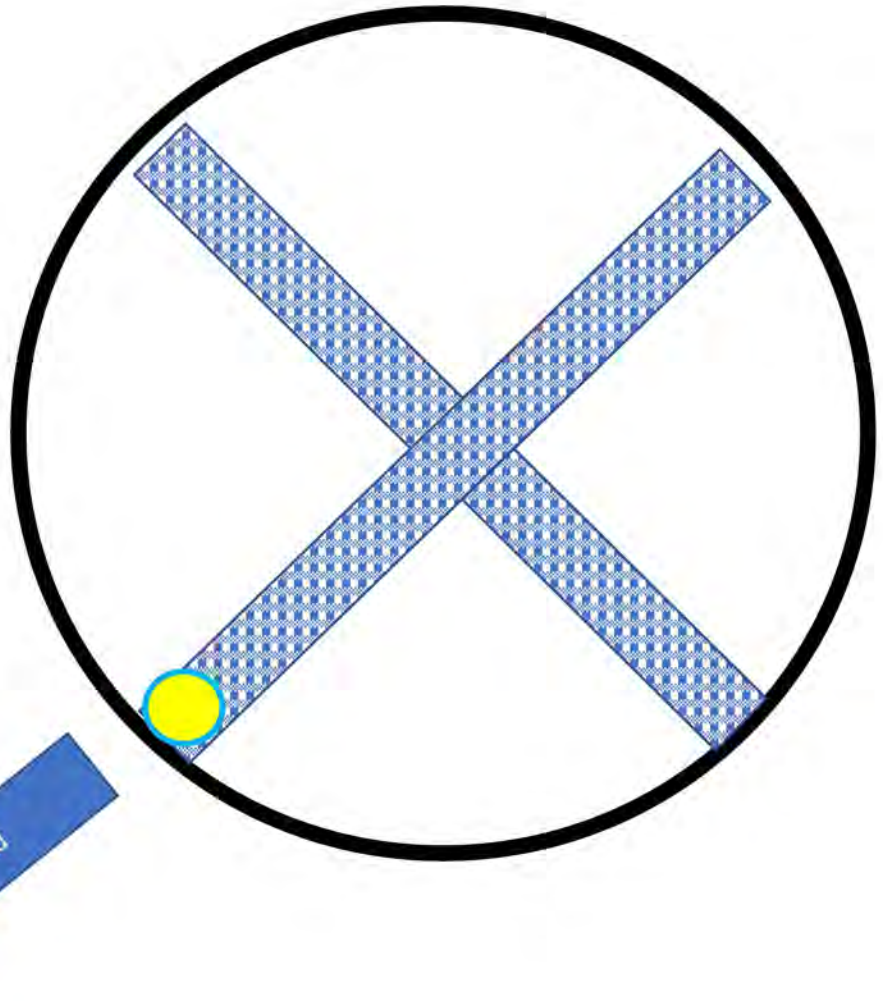
R.T. Hicks Consultants Albuquerque, NM	**Design Sketch**	**Plate 1**
	Well Water Solutions	**May-21**

Use laser level to determine slope of pad and low point of AST

200 mil geogrid placed
- above 8-oz geotextile and 30-mil secondary liner
- inside of AST after set up, before install of primary liner
- below 40-mil primary liner

8-oz geotextile is placed
- over the 30-mil LLDPE liner inside the steel AST ring
- under the 40-mil primary liner inside the AST

Sump at lowest point of the AST set up

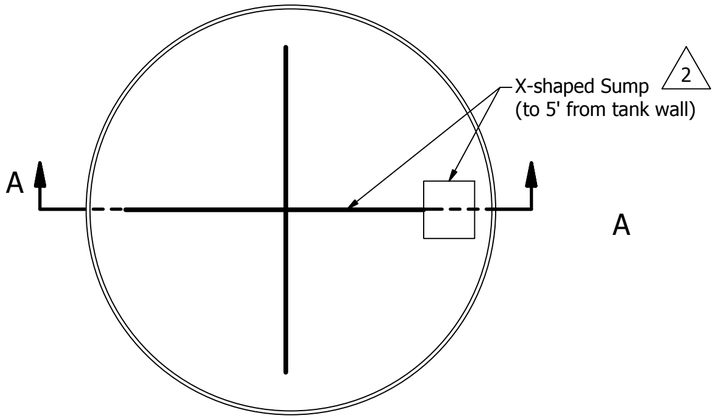


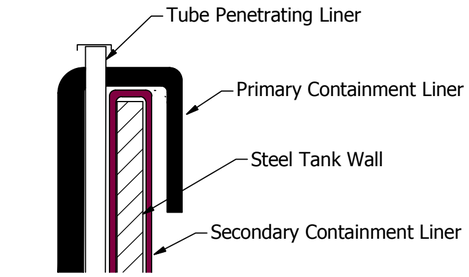
Sump Location

0 50 100

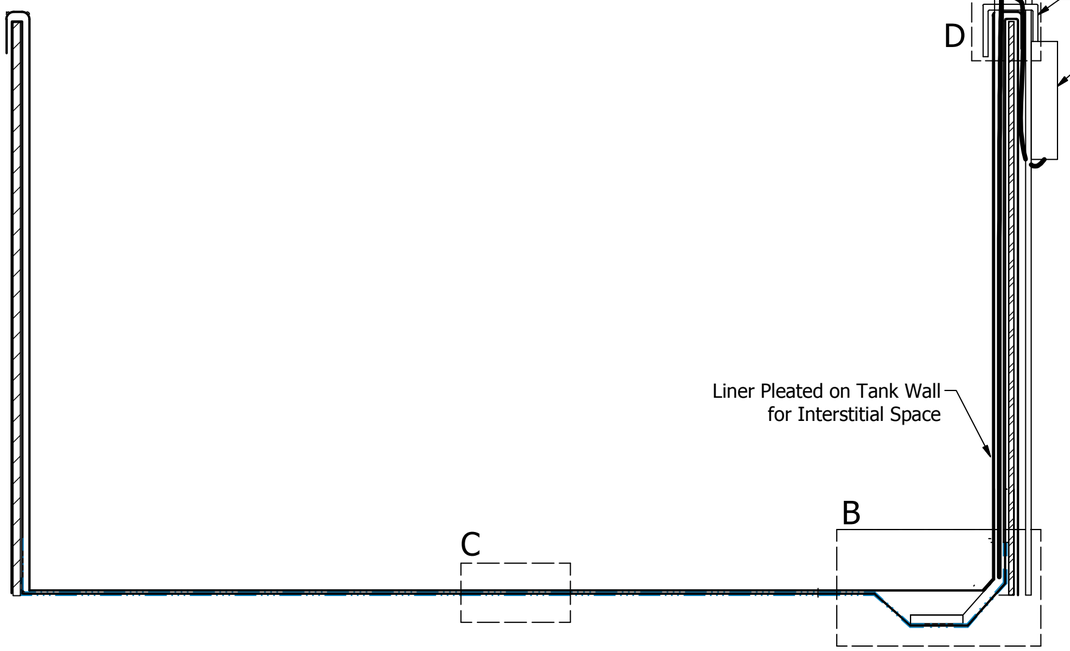
R.T. Hicks Consultants Albuquerque, NM	Layout of Geogrid Drainage Mat	Plate 1
	WWS - New Mexico Produced Water Set Up	June 2021

WWS DOUBLE-LINED FRAC WATER TANK SYSTEM

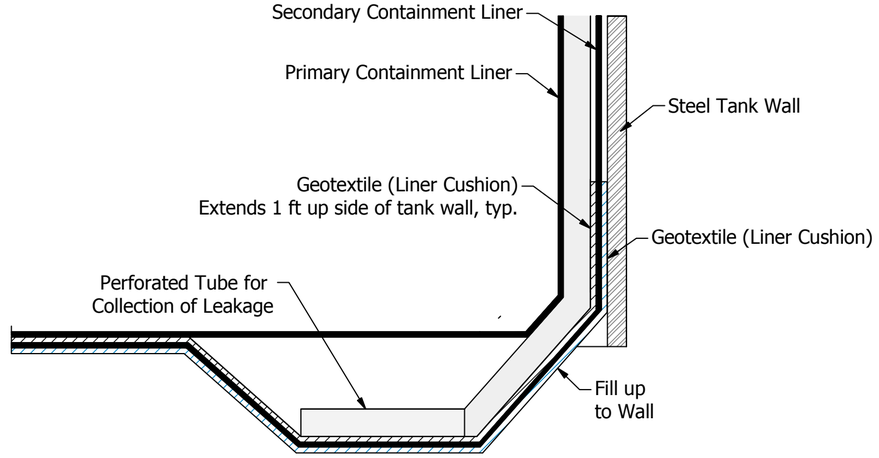




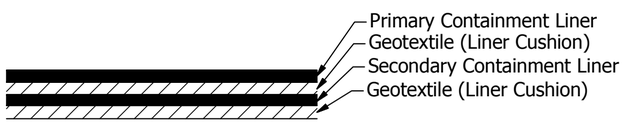
SECTION D
TUBE DETAIL
(Automated Leak Detection System Removed for Clarity)



VIEW A-A
TANK DETAIL



SECTION B
SUMP DETAIL



SECTION C
LINER DETAIL

LUCID
DRAFTING & DESIGN LLC
sarah@luciddrafting.com 307.752.7388

REVISION HISTORY

REV	DESCRIPTION	DATE	BY
0	INITIAL DWG	10/29/2015	SES
1	ADDED LEAK DETECTION SYSTEM	11/6/2015	SES
2	REVISED SUMP	11/6/2015	SES
3	ADDED GEOTEXTILE UNDER AND BETWEEN LINERS	11/24/15	SES

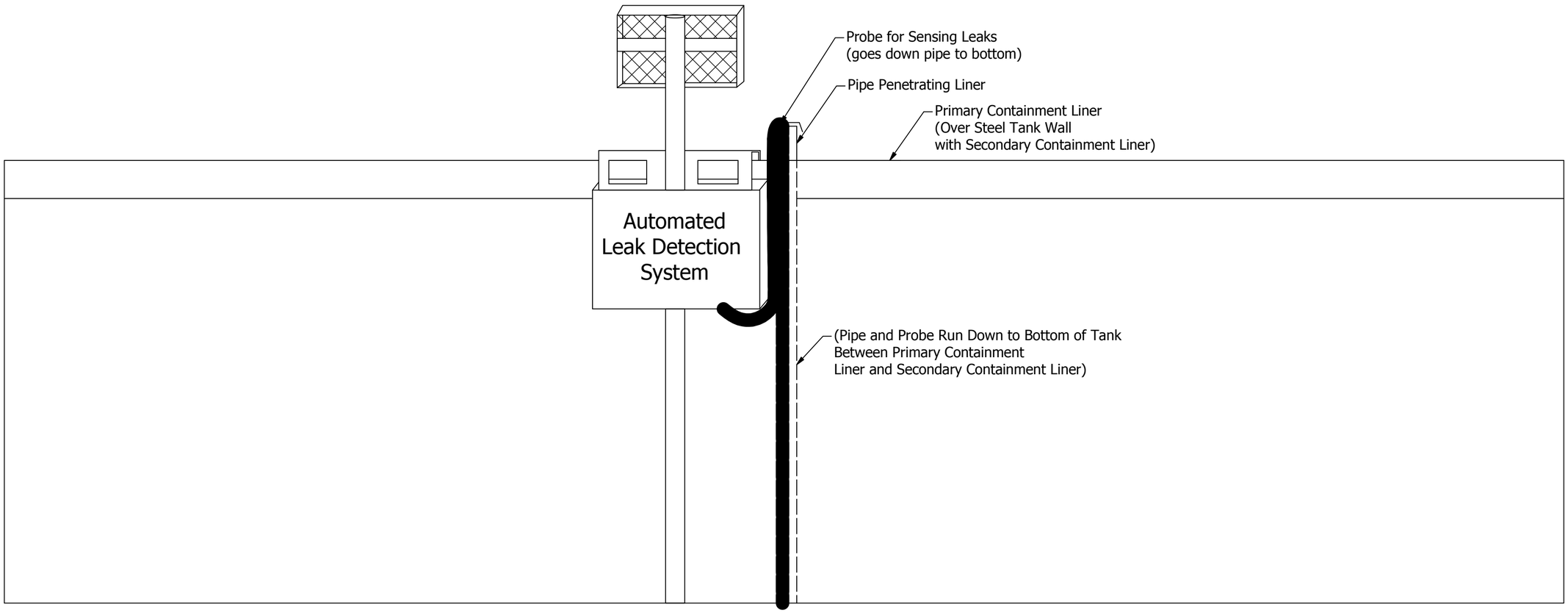
TITLE: Double-Lined Frac Tank System
CUSTOMER:
PROJECT/JOB: WWS Double-Lined Tank System
APPROVAL:
DRAFTER: SES
DATE: 10/28/2015

WELL WATER SOLUTIONS AND RENTALS, INC.

SIZE: C | DWG NO: LDD15-WWS-02 | REV: 3

SHEET 1 OF 2

1 AUTOMATED LEAK DETECTION SYSTEM

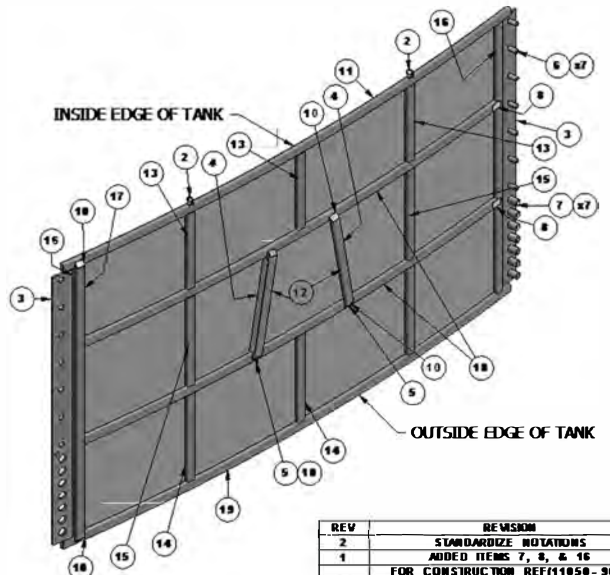


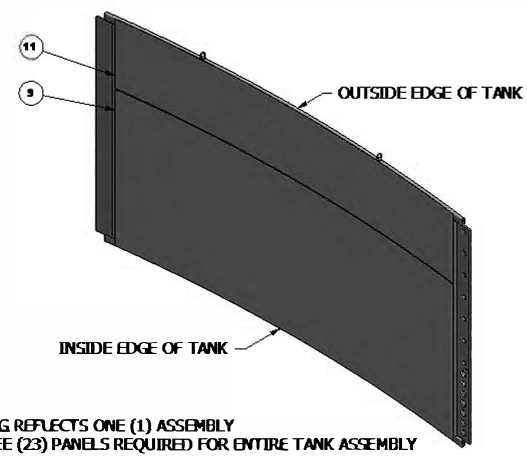
TITLE	Double-Lined Frac Tank System
CUSTOMER	
PROJECT/JOB	WWS Double-Lined Tank System
APPROVAL	
DRAFTER	SES
DATE	10/28/2015
SIZE	C
DWG NO	LDD15-WWS-02
REV	3
SHEET	2 OF 2

WELL WATER SOLUTIONS AND RENTALS, INC.

Parts List

CK	ITEM	QTY	DESCRIPTION	WIDTH	LENGTH	MATERIAL	CLENGTH (in)	WEIGHT
	1	14	BAR, ROUND, 5/8" (LOCK PIN)		6 1/2 in	A36	6.50	
	2	2	D-RING, 1/2" B38, WORKING LOAD 4080 lbs			A29/A29M - 91 1045(C-1045), MODIFIED TO WELD DOWN		2
	3	2	FBAR, 1"	10 in	131 1/2 in	A36	131.50	373
	4	2	FBAR, 10GA	3 in	43 1/8 in	A36	86.25	99
	5	2	PAD EYE, #2			CROSBY GROUP, S-264		0
	6	7	PIN, 2" DIA		4 1/2 in	KUSTOM KONCEPTS, A1018	31.50	3
	7	7	PIN, 3 " DIA		4 1/2 in	KUSTOM KONCEPTS, A1010	31.50	8
	8	2	PLATE, 3/16"	3 in	5 in	A36	10.00	2
	9	1	PLATE, 3/16"	96 in	240 in	A36	240.00	156
	10	6	SHEET, 10GA	2 1/2 in	3 3/4 in	A36	22.50	3
	11	1	SHEET, 10GA	42 1/2 in	240 in	A36	240.00	50
	12	2	TUBE, 4" x 2" x 1/4" (MITER BOTH ENDS)		52 in	A500B CLEAN COAT	104.00	55
	13	3	TUBE, 4" x 2" x 3/16"		37 1/4 in	A500B CLEAN COAT	74.50	43
	14	3	TUBE, 4" x 2" x 3/16"		42 3/4 in	A500B CLEAN COAT	128.25	74
	15	2	TUBE, 4" x 2" x 3/16"		44 in	A500B CLEAN COAT	88.00	50
	16	2	TUBE, 4" x 2" x 3/16"		132 in	A500B CLEAN COAT	264.00	151
	17	1	TUBE, 4" x 2" x 3/16" (MITER BOTH ENDS)		137 1/2 in	A500B CLEAN COAT	137.50	78
	18	2	TUBE, 4" x 2" x 3/16", (ROLL TO 155'-6 7/8" I.D.)		236 3/8 in	A500B CLEAN COAT	472.75	271
	19	2	TUBE, 4" x 2" x 3/16", (ROLL TO 155'-6 7/8" I.D.)		253 7/8 in	A500B CLEAN COAT	507.75	291



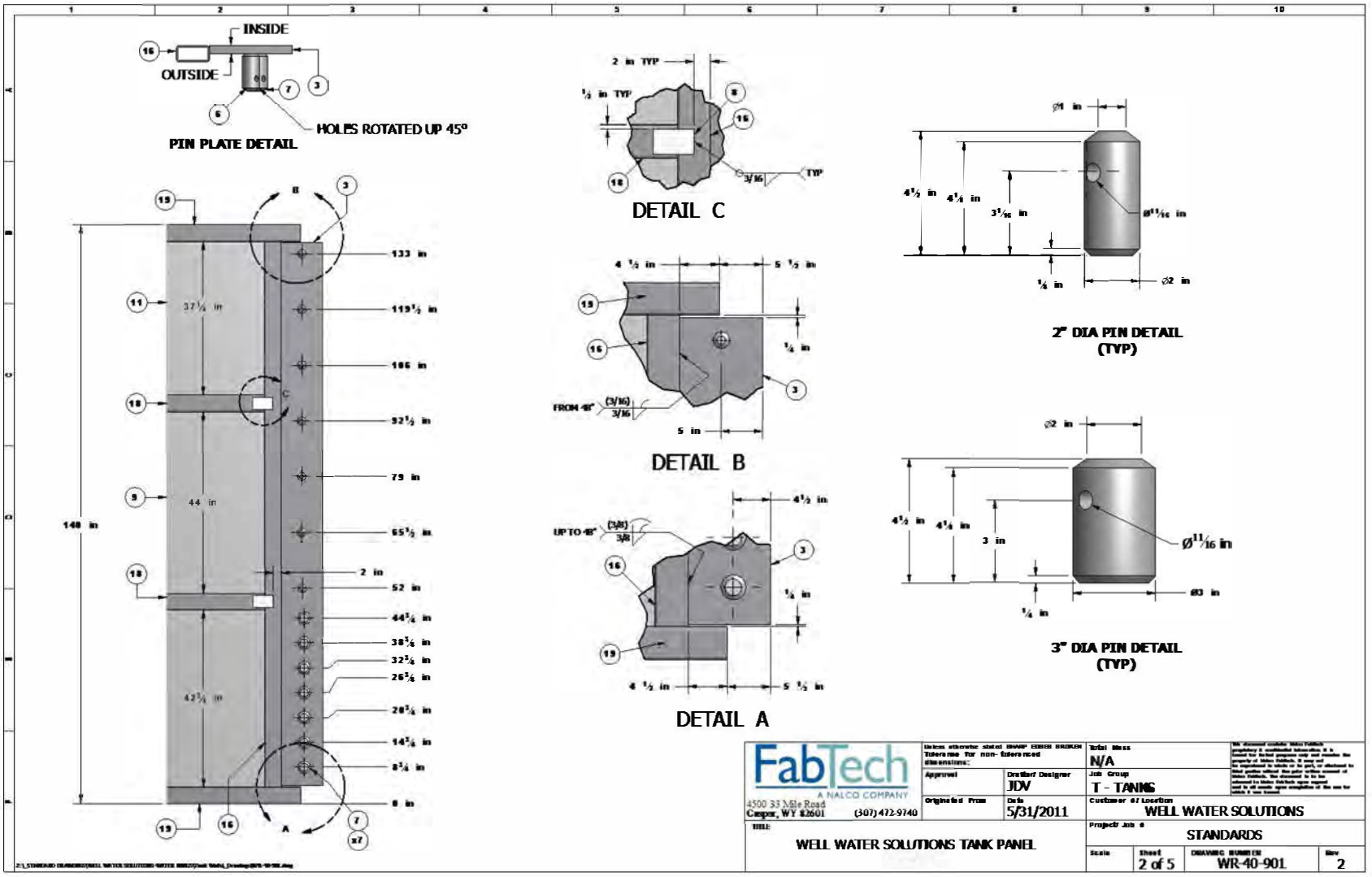


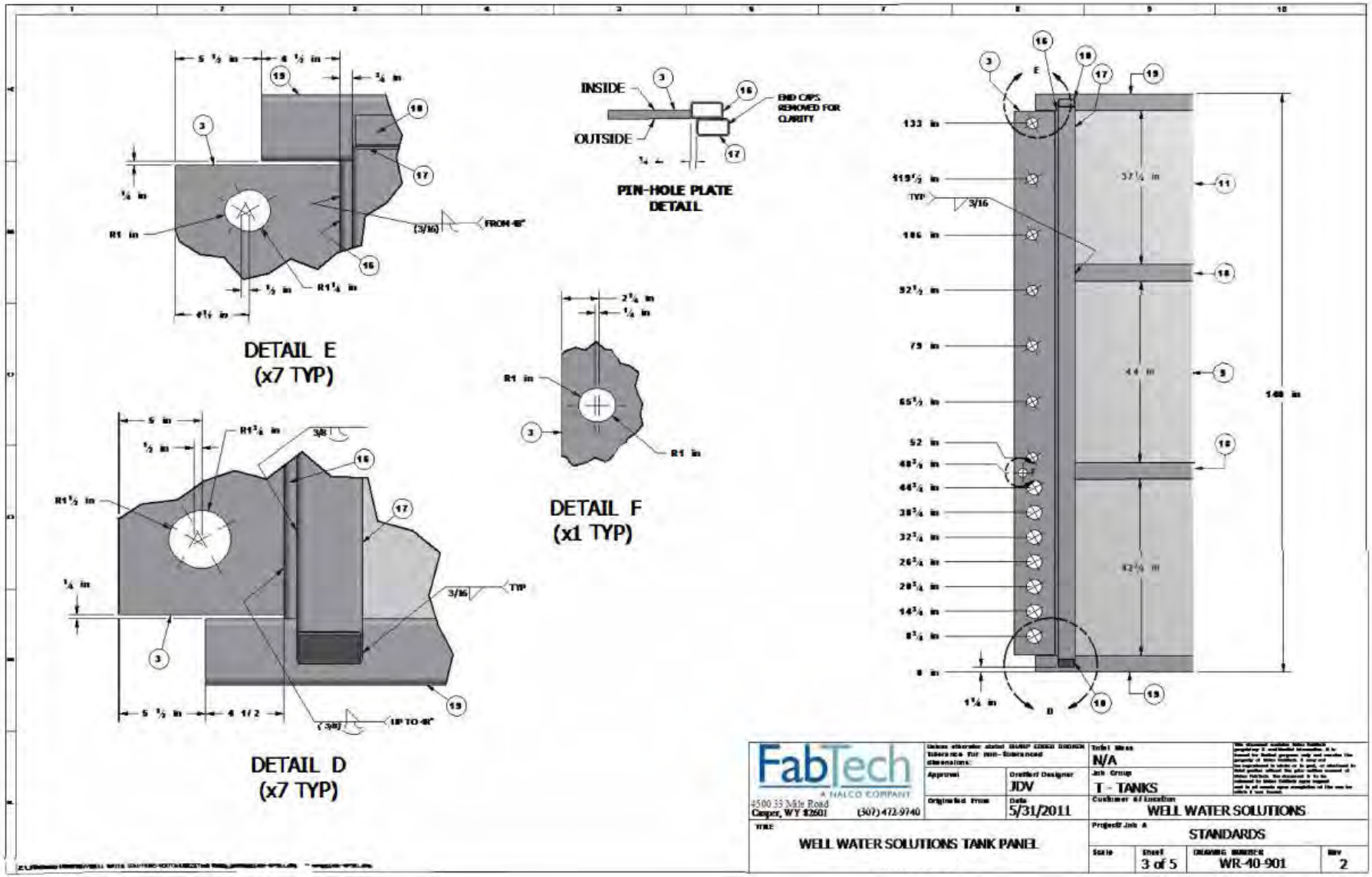
NOTES:
-THIS DRAWING REFLECTS ONE (1) ASSEMBLY
-TWENTY THREE (23) PANELS REQUIRED FOR ENTIRE TANK ASSEMBLY

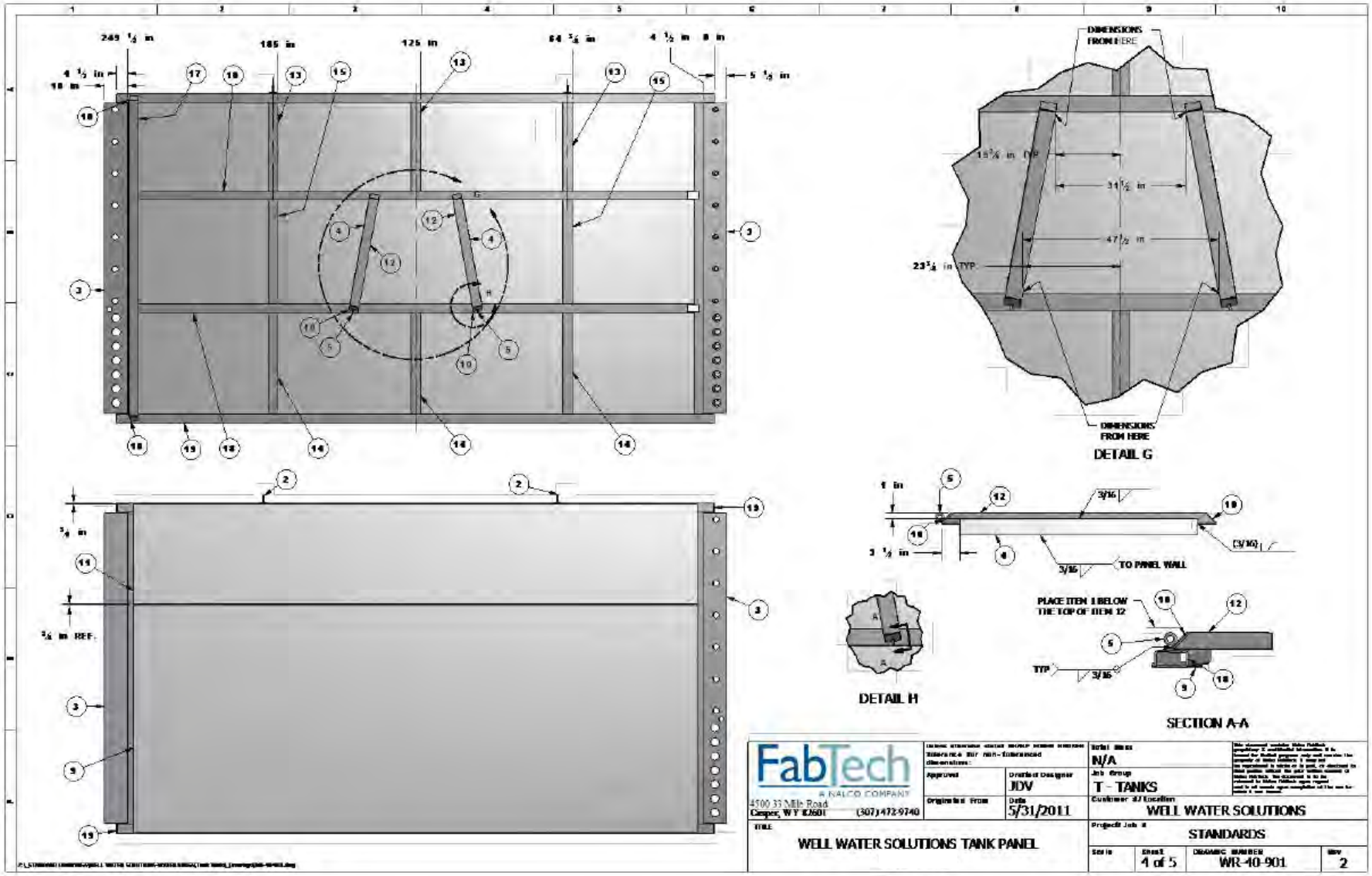
REV	REVISION	DATE	BY
2	STANDARDIZE NOTATIONS	1/17/2012	JDV
1	ADDED ITEMS 7, 8, & 16	12/09/11	DSG
0	FOR CONSTRUCTION REF(11050-901) CHANGED HEIGHT AND LOCATION OF PINS REF(11078-40-901)	9/1/2011	CJD

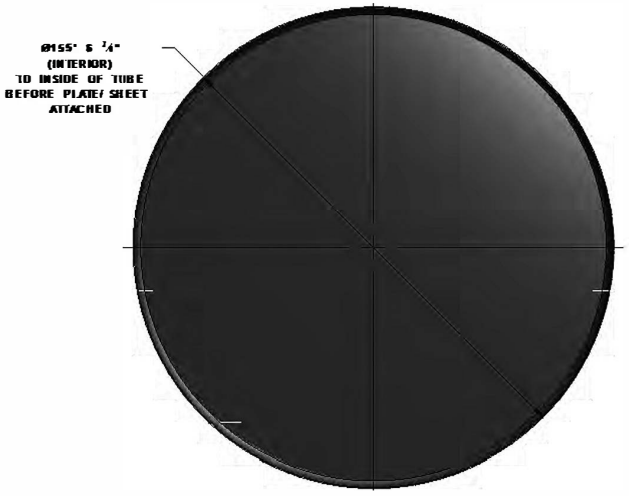
FabTech
A NALCO COMPANY
4500 33 Mile Road
Casper, WY 82601 (307) 472-9740

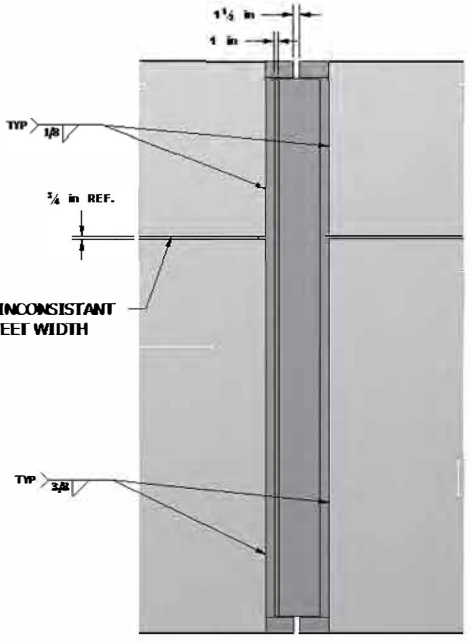
Total Mass: N/A	Job Group: T - TANKS	Drafter Designer: JDV
Date: 5/31/2011	Customer & Location: WELL WATER SOLUTIONS	Project Job #: STANDARDS
Title: WELL WATER SOLUTIONS TANK PANEL	Sheet: 1 of 5	Drawing Number: WR-40-901
Rev: 2		


INSIDE
OUTSIDE
HOLES ROTATED UP 45°
PIN PLATE DETAIL
133 in
119½ in
106 in
92½ in
79 in
65½ in
52 in
44¾ in
38⅛ in
32¾ in
26¾ in
20¾ in
14¾ in
8¾ in
0 in
37½ in
44 in
42¾ in
140 in
2 in
DETAIL C
DETAIL B
DETAIL A
2" DIA PIN DETAIL
(TYP)
3" DIA PIN DETAIL
(TYP)
FabTech
A NALCO COMPANY
4500 33 Mile Road
Casper, WY 82601
(307) 472-9740
N/A
JDV
T - TANKS
5/31/2011
WELL WATER SOLUTIONS
STANDARDS
WELL WATER SOLUTIONS TANK PANEL
2 of 5
WR-40-901
2

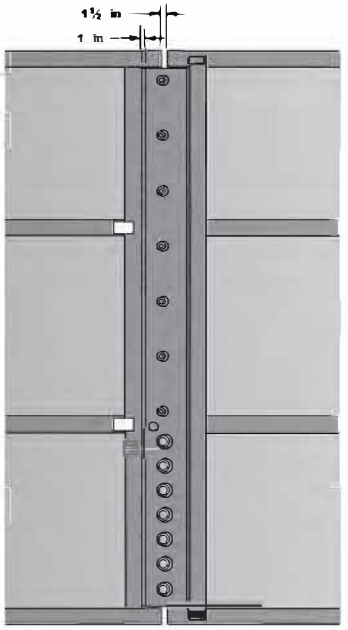

INSIDE
OUTSIDE
END CAPS REMOVED FOR CLARITY
PIN-HOLE PLATE DETAIL
DETAIL E
(x7 TYP)
DETAIL F
(x1 TYP)
DETAIL D
(x7 TYP)
133 in
119½ in
106 in
92½ in
79 in
65½ in
52 in
39¼ in
26¼ in
13¼ in
0 in
168 in
FabTech
A HALCO COMPANY
4500 35 Mile Road
Casper, WY 82601
(307) 472-9740
Drafted Designer
JDV
Date
5/31/2011
Job Group
T - TANKS
Customer or Location
WELL WATER SOLUTIONS
STANDARDS
WELL WATER SOLUTIONS TANK PANEL
Sheet
3 of 5
WR-40-901
Rev
2


DETAIL G
DETAIL H
SECTION A-A
TO PANEL WALL
PLACE ITEM 1 BELOW THE TOP OF ITEM 12
FabTech
A NALCO COMPANY
4500 33 Mile Road
Casper, WY 82601
(307) 472-9740
WELL WATER SOLUTIONS TANK PANEL
N/A
T - TANKS
WELL WATER SOLUTIONS
STANDARDS
4 of 5
WR-40-901
2
5/31/2011
JDV





SEAM DETAIL
(INSIDE-OUT)



SEAM DETAIL
(OUTSIDE-IN)

FabTech
A NALCO COMPANY
4500 33 Mile Road
Casper, WY 82601
(307) 472-9740

Approved	Drafted/ Designer: JDV	Total Mass: N/A
Originated From	Date: 5/31/2011	Job Group: T – TANKS
		Customer or Location: WELL WATER SOLUTIONS
		Project Job #: STANDARDS
Title: WELL WATER SOLUTIONS TANK PANEL		Scale / Sheet: 5 of 5 / Drawing Number: WR-40-901 / Rev: 2

TANK SIZE CHART

TANK SIZE BBLS	PANEL COUNT	INSIDE DIAMETER (FEET)	VOLUME BBLS	BBLS/INCH	SECONDARY CONTAINMENT (ADD 2 PANELS)	SECONDARY CONTAINMENT DIAMETER	TOTAL FEET OF CONTAINMENT
6,000	9	60' 2"	6,090	43.5	11	75'	234'
10,000	12	81' 2"	10,753	76.8	14	95'	298'
13,000	13	87' 10-5/8"	12,609	90.1	15	101'	318'
17,000	15	101.4285	16,800	120	17	115'	361'
20,000	16	108' 2"	19,115	136.53	18	122'	384'
22,000	17	114' 11-7/16"	21,564	154.03	19	135'	426'
27,000	19	128' 6-1/4"	26,954	192.53	21	142'	446"
30,000	20	135' 3-3/8"	29,867	213.35	22	149'	468'
33,000	21	142' 0-9/16"	32,928	235.2	23	156'	489'
36,000	22	148' 9-11/16"	36,139	258.14	24	163'	510'
40,000	23	155' 6-7/8"	39,499	282.14	25	170'	532'
43,000	24	162' 4-1/16"	43,008	307.2	26	176'	553'
47,000	25	169' 1-3/16"	46,667	333.34	27	183'	574'
50,000	26	175' 10-5/16"	50,475	360.54	28	190'	595'
55,000	27	182' 7-9/16"	54,433	388.8	29	196'	617'
60,000	28	189' 4-11/16"	58,539	418.14	30	203'	638'
62,500	29	196' 1/16"	62,500	446.43	31	210'	658'
67,000	30	202' 10 6/16"	66,885	477.75	32	216'	678'
72,000	31	209' 7-7/16"	71,705	512.18	33	223'	701'
77,000	32	216' 4-9/16"	76,405	545.75	34	230'	722'
81,000	33	223' 1-11/16"	81,254	580.39	35	237'	744'

EXHIBIT H. VARIANCE REQUESTS

ENDURING RESOURCES IV LLC
6300 S Syracuse Way Centennial, CO 80111
Field Office: 505.636.9720 | Main Office: 303.573.1222

Enduring Resources IV, LLC North Alamito Unit E01-I01 AST Pad Recycling Containment and Recycling Facility Variance Request to 19.15.34 NMAC

New Mexico Oil Conservation Division
Attn: Victoria Venegas

Enduring Resources is requesting variances to the below listed items as outlined in 19.15.34 NMAC. This Recycling Containment/Facility will consist of a self-contained free-standing structure instead of a lined earthen pit. The variances requested below will provide equal or better protection of fresh water, public health, and the environment.

Variance Requests:

Inside/Outside Levee Slopes: Enduring Resources requests a variance to NMAC 19.15.34.12 (A)(2) which applies to a lined earthen pit. The containment is an AST not an in-ground pond; therefore, will not have inside/outside levee slopes. The AST is a self-contained free-standing structure that will provide equal or better protection than the requirements listed in 19.15.34.12 (A)(2) NMAC.

Liner Anchoring: Enduring Resources requests a variance to NMAC 19.15.34.12 (A)(3) which applies to a lined earthen pit. This statute is not applicable to a circular steel AST with liners clamped to the top of the steel containment panels. We believe this will provide equal or better protection than the requirements listed in 19.15.34.12 (A)(3) NMAC.

Primary Liner: Enduring Resources requests a variance to NMAC 19.15.34.12 (A)(4) which applies to the thickness of the primary liner. Enduring Resources proposes the use of a 40-mil LLDPE primary liner and 30-mil LLPDE secondary liner. The proposed variance will provide equal or better protection of fresh water, public health and the environment, as the proposed liner meets all other requirements of NMAC 19.15.34.12 (A)(4) and meets or exceeds the EPA SW-846 method 9090A or subsequent relevant publication.

Fencing: Enduring Resources requests a variance to NMAC 19.15.34.12 (D)(1) and (2) which applies to fencing or enclosing the containment. With the recycling containment being an AST with 12-foot wall height, entrance to containment would have to be intentional. There is no risk of accidental entrance into containment by wildlife or the public. The site will be maintained to prevent harm to wildlife and the public. The freestanding above grade AST will provide equal or better protection to public health and the environment, as the fencing requirements of NMAC 19.15.34.12 (D)(1) and (2).

Thank you,

Casey Haga
Regulatory Specialist
Enduring Resources, LLC.
970.769.8814 – Cell

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 562504
	Action Type: [C-147] Water Recycle Long (C-147L)

CONDITIONS

Created By	Condition	Condition Date
vvenegas	. FVV2608433682 NORTH ALAMITO UNIT E01-I01 AST PAD permit expires on 03/12/2031. If [371838] DJR OPERATING, LLC wishes to extend operations past five years, an annual permit extension request must be submitted using an OCD form C-147 through OCD Permitting by 02/12/2031. • [371838] DJR OPERATING, LLC shall construct, operate, maintain, close, and reclaim FVV2608433682 NORTH ALAMITO UNIT E01-I01 AST PAD in compliance with NMAC 19.15.34 NMAC. • [371838] DJR OPERATING, LLC shall comply with 19.15.29 NMAC Releases in the event of any release of produced water or other oil field waste at FVV2608433682 NORTH ALAMITO UNIT E01-I01 AST PAD.	3/25/2026