

LEGAL NOTICE

NOTICE OF PUBLICATION

October 13, 2024

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations (20.6.2.3108 NMAC), the following discharge permit application(s) has been submitted to the Engineering Bureau, Underground Injection Control Group Manager [Phillip Goetze, direct (505) 660-8274 or e-mail: phillip.goetze@emnrd.nm.gov] of the New Mexico Oil Conservation Division (OCD), 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505.

(BW-4) Wasserhund Inc., Jon Gandy, Owner, P.O. Box 2140, Lovington, NM 88260, has submitted an application for an Underground Injection Control (UIC) Class III Brine Well Discharge Permit Renewal for the "Eidson State Well No. 1" (API No. 30-025-26883/Facility ID No. fCJC2116630149) 567 FSL and 162 FWL, Unit M, Section 31, Township 16 South, Range 35 East (Lat. N 32.87313°; Long. W -103.50503°) NAD83, NMPM, Lea County, New Mexico. The brine well is located approximately 7 miles west and 5 miles south of the City of Lovington or approximately 3 miles southwest on State Hwy. 238 from the intersection of County Road 120 and about 0.15 miles west of Hwy. 238.

The brine production flow process is termed "normal flow" consisting of freshwater injection through 2-3/8 in. tubing into the Salado "Salt" Formation (Salado) or cavern at an average surface injection rate of 10 - 15 gpm or approximately 467 bbl./day (14 gpm) at an injection pressure ranging from 260 - 280 psig. Brine fluid is produced at surface from the 5-1/2 casing. The facility produces about 14,000 bbl. of brine per month. Injection and production flow may temporarily be reversed as required periodically to clean the tubing and annulus. Injection pressure shall not exceed the permitted maximum surface injection pressure (MSIP) of 400 psig. Fresh water is supplied by a water supply well located approximately 250 ft. west of the brine well.

The brine well is constructed with a 7 in. vertical production casing set at 1,895 ft. bgl with bridge plug set at 1738 ft. bgl. A 5-1/2 in. flush joint casing whipstock or breach at about 1,734 ft. bgl is angled downward through the vertical 7-inch production casing to a depth of 2,100 ft. bgl. An inner 2-3/8 in. tubing is set through the 5-1/2 in casing to a depth of 2,460 ft. bgl. The top of Salado "salt" Formation is at about 1,895 ft. bgl. The 5-1/2 in. casing depth is at about 205 ft. below the top of Salado.

The brine station is approximately 100 ft. east of the brine well with about a 4,250-bbl. brine tank(s) storage volume capacity. The tank storage system is constructed with concrete and synthetic liners to prevent spills or leaks from impacting land surface.

Brine fluid Total Dissolved Solids- TDS concentration is about 320,000 ppm. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of about 75 ft. bgl with a TDS concentration ranging from 300-400 ppm. The discharge permit addresses well construction, operation, monitoring, ground subsidence, associated surface facilities, financial assurance, closure, and provides a contingency plan in the event of an accidental discharge.

The OCD has determined the application is administratively complete and has prepared a draft permit. The OCD will accept comments and statements of interest regarding this application and will create a facility-specific mailing list for persons who wish to receive future notices. Persons interested in obtaining further information, submitting comments or requesting to be on a facility-specific mailing list may contact the OCD Engineering Bureau-UIC Group Manager at the address given above. The permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday, or at the OCD web site <http://www.emnrd.state.nm.us/oed/>. Persons interested in obtaining a copy of the application and draft permit may contact the OCD at the address given above. Prior to ruling on any proposed permit, the Director shall allow a period of at least thirty (30) days after the date of publication of this notice, during which interested persons may submit comments or request that OCD hold a public hearing. Requests for a hearing shall set

forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is a significant public interest. If no hearing is held, the Director will approve the proposed permit based on information available, including all comments received. If a public hearing is held, the Director will approve or disapprove the proposed permit based on information in the permit application and information submitted at the hearing.

Para obtener mas información sobre esta solicitud en español, sirvase comunicarse por favor: New Mexico Energy, Minerals and Natural Resources Department (Depto. Del Energia, Minerals y Recursos Naturales de Nuevo Mexico), Oil Conservation Division (Depto. Conservacion Del Petroleo), 1220 South St. Francis Drive, Santa Fe, New Mexico (Contacto: Laura Tulk, 505-629-6116).

GIVEN under the Seal of New Mexico Oil Conservation Division at Santa Fe, New Mexico, on this 13th day of October 2024.

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Gerasimos “Gerry” Razatos, Acting Director