

LEGAL NOTICE

NOTICE OF PUBLICATION

June 23, 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-31) H.R.C., Inc. (HRC), Gary Schubert, Owner, P.O. Box 5102, Hobbs, New Mexico 88241, has submitted an application for an Underground Injection Control (UIC) Class III Brine Well Discharge Permit Renewal for the “Schubert ‘7’ Well No. 1” (API No. 30-025-36781/Facility ID No. fLWP0601059962), located at 2,313 FSL and 2,313 FEL, Unit J in Section 7, Township 19 South, Range 39 East (Lat. N 32.67388°; Long.: W -103.08360°; NAD83), NMPM, Lea County, New Mexico. The brine well is located approximately 1.25 miles southwest of the intersection of E. Stanolind Road and the State of Texas. The “ETZ” brine-freshwater station is located 0.79 of a mile east of Nadine Road from Hwy 18 south of Hobbs. The station is shared with the permittee’s Schubert Farms Brine Well No. 1 (BW-36) OCD discharge permit.

The fluid flow process is termed “normal flow” which consists of freshwater injection through the 2-7/8 inch (in.) tubing at an approximate depth of 2,609 feet below ground level (ft. bgl) with brine production through the 4.5 in. casing liner extended from surface to an approximate deepened depth of 1,993 ft. bgl. The bottom of the tubing is at least 113 ft. below the Anhydrite-Salado (Salt) Formation interface at approximately 1,880 ft. bgl. The casing liner is backed by packer fluid (three percent KCL solution with inhibitor) set by specific gravity and monitored in an open system from 1865 ft. bgl to surface within steel casing and cement of the larger 5.5-in. intermediate casing and the 8-5/8 in. surface casing. The well total depth is 7,900 ft. bgl with the 8-5/8 in. surface casing set at 1,865 ft. bgl and the 5.5-in. intermediate casing set at 404 ft. bgl. Below the surface casing shoe is an existing 7-7/8 in. uncased borehole with a series of cement plugs positioned at 2,557 ft., 3,933 ft., 5,573 ft., and 7,783 ft. bgl.

Fresh water injection is through the 2-3/8 in. tubing set at an approximate depth of 2,609 ft. bgl at an average injection rate of 1,030 bbl./day (20 to 40 gallons per minute (gpm)) and maximum injection rate of approximately 1,375 bbl./day (~40 gpm). Injection pressure for solution mining shall be below the maximum surface injection pressure (MSIP) of 360 pounds per square inch-gauge. Freshwater is supplied by a nearby irrigation well about 1,500 ft. northwest of the brine well and is stored in seven (7) 500 bbl storage tanks and mixed with treated effluent from the City of Hobbs. Injection and production flow may temporarily be reversed as required periodically to clean the tubing and annulus. However, a normal flow regime is required during daily injection for production and must only occur in the intended solution mining interval, the Salado (Salt) Formation.

Brine fluids from the Salado (Salt) Formation will be produced through the 4.5 in. casing liner set at a depth of 1,993 ft. bgl. Brine fluid is stored in five (5) 500 bbl storage tanks on liner within a bermed area. Produced Salado brine fluid is at a concentration of about 315,000 parts per million (ppm) Total Dissolved Solids (TDS). Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 75 ft. bgl with a TDS concentration of approximately 645 ppm. The discharge permit addresses well construction, operation, monitoring, ground subsidence, associated surface facilities, financial assurance, and provides a contingency plan in the event of accidental discharges.

The OCD has determined that 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 for future notices may contact the Engineering Bureau- UIC Group Manager of the OCD at the address given above. The administrative completeness determination and draft permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday, or may also be viewed 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 discharge permit or major modification, 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 public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines that there is significant public interest. If no public hearing is held, the Director will approve or disapprove 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 más información sobre esta solicitud en español, sírvase comunicarse por favor: New Mexico Energy, Minerals and Natural Resources Department (Depto. Del Energia, Minerals y Recursos Naturales de Nuevo México), Oil Conservation Division (Depto. Conservación Del Petróleo), 1220 South St. Francis Drive, Santa Fe, New México (Contacto: Laura Tulk, 505-629-6116).

GIVEN under the Seal of New Mexico Oil Conservation Division at Santa Fe, New Mexico, on this 23rd day of June 2024.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
Dylan M. Fuge, Acting Director

SEAL