

C-108 APPLICATION FOR AUTHORIZATION TO INJECT

ADMINISTRATIVE COMPLETENESS CHECKLIST

October 2025

Well Name:	Arrowhead SWD No. 1
Applicant:	Mack Energy Corp [13837]
PO Number:	pEG2528353294
Admin Order ID:	SWD-2679
API:	NA
Case No.	NA

C-108 Item	Description of Required Content	Yes	No	N/A
I. PURPOSE	Selection of proper application type.	√	☐	
II. OPERATOR	Name; address; contact information.	√	☐	
III. WELL DATA	Well name and number; STR location; footage location within section.	√	☐	
	Each casing string to be used, including size, setting depth, sacks of cement, hole size, top of cement, and basis for determining top of cement.	√	☐	
	Description of tubing to be used including size, lining material, and setting depth.	√	☐	
	Name, model, and setting depth of packer to be used, or description of other seal system or assembly to be used.	√	☐	
	Well diagram: Existing	☐	☐	√
	Well diagram: Proposed (either Applicant’s template or Division’s Injection Well Data Sheet).	√	☐	☐
IV. EXISTING PROJECT	For an expansion of existing well, Division order number authorizing existing well.	☐	☐	√
V. LEASE and WELL MAP	AOR map identifying all wells and leases within 2-mile radius of proposed well and depicting a ½ mile radius circle around any other projected injection well and a 1-mile radius circle around any other projected injection well in the Devonian formation.	√	☐	
VI. AOR WELLS	Tabulation of data for all wells of public record within AOR which penetrate the proposed injection zone, including well type, construction, date drilled, location, depth, and record of completion.	√	☐	
	Schematic of each plugged well within the (½ mile or 1-mile for Devonian) AOR showing all plugging detail.	√	☐	☐
VII. PROPOSED OPERATING	Proposed average and maximum daily rate and volume of fluids to be injected.	√	☐	
	Statement that the system is open or closed.	√	☐	
	Proposed average and maximum injection pressure.	√	☐	
	Sources and analysis of injection fluid, and compatibility with receiving formation if injection fluid is not produced water.	☐	√	
	A chemical analysis of the disposal zone formation water if the injection is for disposal and oil or gas is not produced or cannot be produced from the formation within 1-mile of proposed well. Chemical analysis may be based on sample, existing literature, studies, or nearby well.	☐	√	
VIII. GEOLOGIC DATA	Proposed injection interval, including appropriate lithologic detail, geologic name, thickness, and depth.	√	☐	
	USDW of all aquifers overlying the proposed injection interval, including geologic name and depth to bottom.	☐	☐	
	USDW of all aquifers underlying the proposed injection interval, including the geologic name and depth to bottom.	☐	☐	☐
IX. PROPOSED STIMULATION	Description of stimulation process or statement that none will be conducted.	√	☐	
X. LOGS/WELL TESTS	Appropriate logging and test data on the proposed well or identification of well logs already filed with OCD.	√	☐	
XI. FRESH WATER	Chemical analysis of fresh water from two or more freshwater wells (if available and producing) within 1-mile of the proposed well, including location and sampling date(s).	√	☐	☐
XII. AFFIRMATION STATEMENT	Statement of qualified person endorsing the application, including name, title, and qualifications.	√	☐	
XIII. PROOF OF NOTICE	Notice of all “ <i>affected persons</i> ” identified no AOR map in Section V, including all affected persons within ½ mile radius circle around any other projected injection well and a 1-mile radius circle around any other projected injection wells in the Devonian.	√	☐	
	Identification and notification of all surface owners.	√	☐	
	BLM and/or NMSLO notified per 19.15.2.7(A)(8)(d) NMAC.	√	☐	
	Notice of publication in local newspaper in county where proposed will is located with the following specific content.	☐	☐	
	• Name. address, phone number, and contact party for Applicant;	☐	☐	
	• Intended purpose of proposed injection well, including exact location of a single well, or the section, township, and range location of multiple wells;	☐	☐	
	• Formation name and depth, and expected maximum injection rates and pressures; and	☐	☐	
	• Notation that interested parties shall file objections or requests for hearing with OCD no later than 15 days after the administrative completeness determination.	☐	☐	
XIV. CERTIFICATION	Signature by operator or designated agent, including date and contact information.	√	☐	

Review Date*:	October 22, 2025	√	Administratively COMPLETE	☐	Administratively INCOMPLETE	Reviewer:	Erica L. Gordan
*The Review Date is the date of administrative completeness determination that commences the 15-day protest period in 19.15.26.8(C) NMAC.							
Notes:							
XIII. Proof of Notice: Missing from the application are the green cards/Certified Mailing cards as proof of notice to affected persons.							

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 519348

CONDITIONS

Operator: NEW MEXICO ENERGY MINERALS & NATURAL RESOURCE 1220 S St Francis Dr Santa Fe , NM 87504	OGRID: 264235
	Action Number: 519348
	Action Type: [IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

CONDITIONS

Created By	Condition	Condition Date
erica.gordan	None	10/23/2025