



APPLICATION FOR SUBSURFACE DISPOSAL OF RESERVE PIT FLUIDS

(Waste Fluids Produced During Drilling or Workovers)

MAILING ADDRESS:
 OFFICE OF CONSERVATION
 INJECTION & MINING DIVISION
 P.O. BOX 94275-CAPITOL STATION
 BATON ROUGE, LA 70804-9275

PHYSICAL ADDRESS:
 OFFICE OF CONSERVATION
 INJECTION & MINING DIVISION
 617 N. THIRD ST., SUITE 817
 BATON ROUGE, LA 70802

UIC-14 **PLEASE READ APPLICATION PROCEDURES** **TYPE ONLY**

OPERATOR NAME: _____ (CODE: _____)		CONTACT: _____		EMAIL: _____	
MAILING ADDRESS: _____				PHONE NO: _____	
CITY, STATE, ZIP CODE: _____				FAX NO: _____	
WELL NAME: _____			WELL NO. _____		WELL SERIAL NO: _____
PARISH: _____ (CODE: _____)		FIELD NAME: _____ (CODE: _____)		LOUISIANA LAMBERT COORDINATES: <input type="checkbox"/> NORTH ZONE <input type="checkbox"/> SOUTH ZONE <i>(Check One Coordinate Zone)</i>	
SEC: _____	TWN: _____	RNG: _____	LATITUDE: _____	LONGITUDE: _____	X: _____ Y: _____

METHOD OF DISPOSAL *(Check One)*: SURFACE CASING ANNULUS OPEN HOLE PERFORATION OTHER, EXPLAIN: _____

DISPOSAL ZONE(S): _____ REQUESTED MAXIMUM INJECTION PRESSURE (PSI): _____

ESTIMATED FLUID VOLUME TO BE DISPOSED (BARRELS): _____ ESTIMATED TIME DURATION OF DISPOSAL (DAYS): _____ DISPOSAL FLUID DENSITY (PPG): _____

DEPTH TO BASE OF USDW (FEET): _____ SPECIFY TYPE FLUID FOR DISPOSAL *(Oil-based fluids or cuttings are NOT AUTHORIZED!)*: _____

CASING SIZE	CASING WEIGHT	HOLE SIZE	CASING/LINER DEPTH		SACKS CEMENT		CEMENT YIELD (FT ³ /SACK)		TOTAL SACKS OF CEMENT	CEMENT TOP
			TOP	BOTTOM	LEAD	TAIL	LEAD	TAIL		

SURFACE CASING INTEGRITY PRESSURE TEST DATA: *(Casing test must be conducted at a minimum pressure of 1000 PSI and may not lose more than 5% for a test duration of 30-minutes)*

INITIAL CASING INTEGRITY TEST

TEST START DATE & TIME: _____	START TEST PRESSURE: _____	TEST END DATE & TIME: _____	END TEST PRESSURE: _____
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SECOND CASING INTEGRITY TEST

TEST START DATE & TIME: _____	START TEST PRESSURE: _____	TEST END DATE & TIME: _____	END TEST PRESSURE: _____
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DOES THE DISPOSAL INTERVAL CONTAIN HYDROCARBON BEARING HORIZONS WITHIN A ONE-QUARTER (¼) MILE RADIUS OF THE SUBJECT WELL? YES NO

DO ALL WELLS WITHIN A ONE-QUARTER (¼) MILE RADIUS OF THE PROPOSED WELL HAVE CASING SET BELOW AND CEMENTED ACROSS THE BASE OF THE USDW? YES NO

IS THE PROPOSED WELL LOCATED ON INDIAN LANDS OR OTHER LANDS OWNED BY OR UNDER THE JURISDICTION OR PROTECTION OF THE FEDERAL GOVERNMENT? YES NO

IS THE PROPOSED WELL LOCATED ON STATE WATERBOTTOMS OR OTHER LANDS OWNED BY OR UNDER THE JURISDICTION OR PROTECTION OF THE STATE OF LOUISIANA? YES NO

I hereby certify this application has been prepared under my supervision, that all information contained herein is accurate and complete to the best of my knowledge, that I am authorized to make this application, and that injection of fluids will not begin without approval from the Injection and Mining Division of the Louisiana Office of Conservation.

 PRINT NAME OF COMPANY OFFICIAL TITLE

 SIGNATURE DATE

FOR CONSERVATION USE ONLY	
USDW _____ FT @ SN _____	AOR Review: PASS <input type="checkbox"/> FAIL <input type="checkbox"/>
OPERATOR NOTIFICATION - MAXIMUM AUTHORIZED SURFACE INJECTION PRESSURE (MASIP): _____ PSI	Production Review: PASS <input type="checkbox"/> FAIL <input type="checkbox"/>
	Well Has Integrity: YES <input type="checkbox"/> NO <input type="checkbox"/>
APPLICATION APPROVED <input type="checkbox"/> APPLICATION DENIED <input type="checkbox"/> : By _____ Date _____	Spud Date _____
REASON DENIED: _____	TD Date _____
	Packer Depth _____ FT
	Casing Depth _____ FT

INSTRUCTIONS

I. **GENERAL:** The permittee must receive authorization from the Louisiana Office of Conservation, Injection & Mining Division (IMD) before beginning fluid injection operations. The general provisions of Statewide Order No. 29-B, LAC 43:XIX.315 shall apply to the subsurface disposal (injection) of reserve pit fluids. Form UIC-14 must be completed in its entirety and submitted with all required attachments. Form UIC-14 may be submitted with the application (Form MD-10-R) to drill a new well. An original and one copy of Form UIC-14 with all attachments should be sent to the address on the front of the application.

II. SUBMIT THE FOLLOWING AS ATTACHMENTS TO FORM UIC-14:

OIL-BASED FLUIDS OR CUTTINGS ARE NOT AUTHORIZED FOR ANNULAR DISPOSAL.

- A. **Application Fee:** Submit the non-refundable application fee per LAC 43:XIX.Chapter 7.
- B. **Certified well location plat with NAD 27 Louisiana Lambert X- & Y-coordinates for the surface hole location.** A photocopy of the plat submitted with the well's permit to drill is acceptable.
- C. **Schematic diagram of well.** Schematic must be properly labeled identifying: drilled hole diameters, depths and sizes all casing strings, disposal zone depths (and disposal perforations, if any), total well depth, depths of cemented tops of all casing strings, depth of occurrence of the lowermost underground source of drinking water (USDW).
- D. **Well Logs.** Electric log of subject well or of a nearby well (within 1/4 mile) shallow enough to show the USDW. Cement Bond Log or cement evaluation log if run on the well.
- E. **Documentation of casing integrity tests.** Between the hours of 8:00AM and 4:30PM Monday through Friday and at least 48 hours in advance, contact the District Office or Injection & Mining Division so that an inspector may witness the required second casing test.

IF THE INSPECTOR DOES NOT WITNESS THE REQUIRED SECOND TEST, A PROPERLY DOCUMENTED PRESSURE CHART RECORDING MUST BE PROVIDED OR A RADIOACTIVE TRACER SURVEY (RTS) MUST BE CONDUCTED.

- 1. For the first and second **casing pressure tests**, documentation may be submitted on Form Csg. T (Affidavit of Test of Casing in Well – obtained from the District Office) or properly documented pressure chart recordings. Pressure chart recordings must be fully legible, clearly labeled with the **well name, well serial number, casing size, packer depth, test start time and stop time, dated, and signed**. Illegible, mislabeled, or improper documents will not be accepted. For the affidavit or pressure chart to be acceptable, the pressure must be held at 1000 psi or greater for at least 30 minutes, and the pressure must not drop more than 5%.
 - 2. Test packer must be set within 50 feet of the casing shoe.
 - 3. An inspector-witnessed **radioactive tracer survey (RTS)** with a time-drive supplement that proves well mechanical integrity must be performed in lieu of the second pressure test if well construction is such that a casing pressure test is not feasible. Guidelines are available.
- E. **Morning reports.** Provide two morning reports. The first morning report must prove that a jug test was conducted, in which the surface casing shoe held pressure to an Equivalent Mud Weight (EMW) that comes within 15% of the Eaton 9# curve, for a minimum of thirty (30) minutes. The second morning report must indicate when the long string was run.

III. CRITERIA FOR APPROVAL (Except as Provided in Writing by the Injection & Mining Division):

- A. **Annulus or open-hole disposal** (surface, intermediate, or long-string casings):
 - 1. The disposal zone is defined from the base of the injection casing to the top of cement of the next cemented casing or cement plug.
 - 2. Surface casing is set at least 200 feet below the base of the lowermost USDW and cemented to surface.
 - 3. The disposal casing must pass the second casing integrity pressure test (re-test of casing) or Radioactive Tracer Survey (RTS).
 - i. Contact the District Office or Injection & Mining Division in Baton Rouge so that an inspector may witness the required second casing pressure test.
 - ii. The maximum surface injection pressure requested on Form UIC-14 shall not exceed the second casing test pressure.
- B. **Disposal through perforations** (intermediate or long-string casings only):
 - 1. Surface casing is set at least 200 feet below the base of the lowermost USDW and cemented to surface.
 - 2. A cement bond log or cement evaluation log showing adequate cement isolation above the perforations shall be run.
 - 3. The casing is pressure tested before perforating (or with a bridge plug if already perforated). A radioactive tracer survey with a time-drive supplement shall also be run. The time-drive supplement must be run at least at the requested maximum surface injection pressure.
 - i. Contact the District Office or Injection and Mining Division in Baton Rouge so that an inspector may witness the required second test.
 - ii. The maximum surface injection pressure requested on Form UIC-14 shall not exceed the test pressure.
- C. **Area of Review:** This section shall be applicable to Part III.A and Part III.B of these instructions.
 - 1. Disposal of fluids into any potential hydrocarbon bearing or current hydrocarbon producing zone(s) within the proposed disposal zone is prohibited. The area of review for this criterion shall at a minimum be a one-quarter (1/4) mile radius around the proposed disposal well.
 - 2. All wells within a minimum one-quarter (1/4) mile radius of the proposed disposal well shall have casing set below and cemented across the base of the lowermost USDW.

IV. **DURATION OF PERMIT:** Approval of a Form UIC-14 shall be limited to the specific project for the well indicated. An approved Form UIC-14 shall be valid for a period not to exceed six (6) calendar months from its approval date. Subsurface disposal of fluids beyond the expiration date shall be a violation of the regulations and shall result in appropriate enforcement action. Any subsequent injection after the expiration date of a Form UIC-14 will require submission and review of a new Form UIC-14.