OFFICE OF CONSERVATION

CLEAR ALL | CLEAR WELL INFO ONLY

APPLICATION FOR SUBSURFACE DISPOSAL OF RESERVE PIT FLUIDS

(Waste Fluids Produced during Drilling or Workovers)

UIC-14

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

PHYSICAL ADDRESS
OFFICE OF CONSERVATION-9TH FLOOR, INJECTION & MINING DIVISION
617 N. THIRD STREET, BATON ROUGE, LA 70802

OPERATOR NAME				OPERATOR CODE		
MAILING ADDRESS			CITY, STATE, ZIP CODE			
CONTACT PERSON	E-MAIL ADDRESS		TELEPHONE NO	FAX NO		
WELL NAME			WELL NO	WELL SERIAL NO		
FIELD NAME	FIELD CODE	PARISH	PARISH CODE	SECTION	TOWNSHIP	RANGE
LATITUDE *(NAD 83)*	LONGITUDE *(NAD 83)*	X COORDINATE *(NAD 27)*	Y COORDINATE *(NAD 27)*	LOUISIANA LAMBERT COORDINATES *(NAD 27)* ☐ NORTH ZONE ☐ SOUTH ZONE		

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

DISPOSAL ZONE(S)	DEPTH TO BASE OF USDW (FT)	DISPOSAL FLUID DENSITY (PPG)	REQUESTED MAXIMUM INJECTION PRESSURE (PSI)
ESTIMATED FLUID VOLUME TO BE DISPOSED (BBLS)	SPECIFY TYPE FLUID FOR DISPOSAL		ESTIMATED TIME DURATION OF DISPOSAL (DAYS)

CASING/LINER SIZE (OD-INCHES)	CASING/LINER WEIGHT (LB/FT)	HOLE SIZE (INCHES)	CASING/LINER SETTING DEPTHS TOP (FEET)	CASING/LINER SETTING DEPTHS BOTTOM (FEET)	TOTAL CEMENT USED (SACKS)	LEAD AMOUNT (SACKS)	LEAD YIELD (CU FT/SACK)	LEAD TYPE (CLASS)	TAIL AMOUNT (SACKS)	TAIL YIELD (CU FT/SACK)	TAIL TYPE (CLASS)	CEMENT TOP (FEET)

SURFACE CASING INTEGRITY PRESSURE TEST DATA:
(Casing test pressure must remain above 1,000 psi and may not lose more than 5% of beginning pressure over minimum test duration of 30-minutes)

FIRST SURFACE CASING INTEGRITY PRESSURE TEST (BEFORE DRILLING OUT THE SURFACE CASING SHOE):

TEST START DATE (MM/DD/YY) & TIME (HH:MM) ☐ AM ☐ PM	START TEST PRESSURE	TEST START DATE (MM/DD/YY) & TIME (HH:MM) ☐ AM ☐ PM	END TEST PRESSURE

SECOND SURFACE CASING INTEGRITY PRESSURE TEST (RE-TEST OF SURFACE CASING BEFORE SETTING LONG STRING):

TEST START DATE (MM/DD/YY) & TIME (HH:MM) ☐ AM ☐ PM	START TEST PRESSURE	TEST START DATE (MM/DD/YY) & TIME (HH:MM) ☐ AM ☐ PM	END TEST PRESSURE

DOES THE DISPOSAL INTERVAL CONTAIN HYDROCARBON BEARING HORIZONS WITHIN A ONE-QUARTER (1/4) MILE RADIUS OF THE SUBJECT WELL? ..... ☐ YES ☐ NO

DO ALL WELLS WITHIN A ONE-QUARTER (1/4) 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 _____

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AOR Review: ☐ PASS ☐ FAIL Production Review: ☐ PASS ☐ FAIL Well Has Integrity: ☐ YES ☐ NO

USDW (FT) _____ @ SN _____ CASING DEPTH (FT) _____ CALC PRESS (PSI) _____

OPERATOR NOTIFICATION - MAXIMUM AUTHORIZED SURFACE INJECTION PRESSURE (MASIP): _____

APPLICATION: ☐ APPROVED ☐ APPLICATION DENIED BY _____ DATE _____

REASON DENIED: _____

INSTRUCTIONS

I. GENERAL: The permittee must receive authorization from the Louisiana Office of Conservation, Injection & Mining Division 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 and application fee. Refer to LAC 43:XIX.Chapter 7 or call 225-342-5515 for the applicable filing (application) fee. 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 shall be forwarded to:

Mailing Address
LDNR – Office of Conservation
Injection & Mining Division
P.O. Box 94275 Capitol Station
Baton Rouge, LA 70804-9275

Parcel Delivery Address
LDNR – Office of Conservation- 9TH Floor
Injection & Mining Division
617 North Third Street
Baton Rouge, LA 70802

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

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

A. **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.

B. **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).

C. **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.

D. **Documentation of Surface Casing Integrity Pressure 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 Surface Casing Integrity Pressure 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 Surface Casing Integrity 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, casing test pressure must remain above 1,000 psi and may not lose more than 5% of beginning pressure over minimum test duration of 30-minutes.

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 the following 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 & 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. 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.

2. 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.

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.