



Intro to UIC Completions

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Outline



- When completion reports are required for UIC wells
- Reporting conventions for UIC completion reports
- How to find previously filed completion reports
- Common completion report errors

When to file UIC Completion Report



- Physical changes to the well
 - New Drill
 - Move/reset tubing and/or packer
 - Acid jobs (New perforations)
 - New strings of casing
 - Setting CIBP, RBP, or other plug
 - Cement work (plugback, squeeze, etc.)
 - Recompletion/Re-Enter
 - Any other workover



Administrative Reasons to File



- No physical changes to wellbore
 - Reclassify well type/purpose
 - Rename well/change well number
 - Create a new lease
 - Corrections to existing records



UIC Completion Deadlines



- Initial completion report
 - Due within 90 days of well completion
- Additional reports
 - Due within 30 days of workover



Starting a Packet

Purpose Of Filing:	Well Record Only	▼
Type Of Completion:	Other/Recompletion	▼
Well Type:	Active UIC	▼
Type of Completion Packet:	Oil / W-2	▼

Purpose Of Filing:	Reclass Producing to Injection	▼
Type Of Completion:	Other/Recompletion	▼
Well Type:	Active UIC	▼
Type of Completion Packet:	Oil / W-2	▼

Purpose Of Filing:	Initial Potential	▼
Type Of Completion:	New Well	▼
Well Type:	Active UIC	▼
Type of Completion Packet:	Oil / W-2	▼

Well Data



Well Data

Field Name:
 Lease Name:
 Well No.: 5
 County of Well Site: EDWARDS
 RRC District No.: 01
 RRC Gas ID or Oil Lease No.: 20904
Date of first production after rig released: 04/14/2023
 Spud Date: 04/11/2023
 Type of Electric or other Log Run: Other
 Electric Log Other Description: COMPOSITE
 Drill, Plug Back, or Deepen Permit No.: 889379
Fluid Injection Permit No.: F- 22583
 O&G Waste Disposal Permit No.:

Date: 03/29/2023
 Date: 03/28/2023
 Date:

Use the Search button to auto populate data in the Recompletion/Reclass table.

If recompletion or reclass, give former field (with reservoir) & gas ID or oil lease No.:

Row	Field & Reservoir	Lease No.	Well Type	Well No.	District Code	Field No.	Prior Service Type	
1	<input type="text"/>	<input type="text"/>	-Select One- ▼	<input type="text"/>	<input type="text"/>	<input type="text"/>	Producing ▼	Clear

- The reclass field is not required for WRO but is required for all other filing types.



Well Data: Production Date



- Date of production = date of first injection

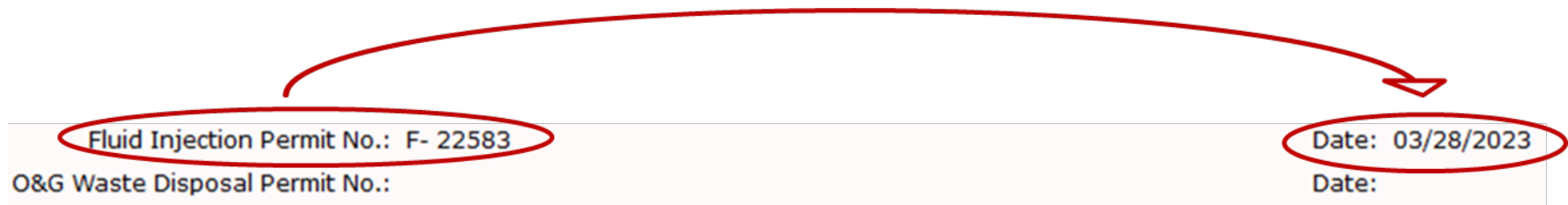
injection

Date of first ~~production~~ after rig released: 04/14/2023

Well Data: Permit No. & Date



- All UIC wells have a permit number



A screenshot of a well data form with two red annotations. A red oval highlights the text "Fluid Injection Permit No.: F- 22583" on the left side. A red arrow curves from this oval to another red oval on the right side, which highlights the text "Date: 03/28/2023". Below the first oval is the text "O&G Waste Disposal Permit No.:". Below the second oval is the text "Date:". The form has a light pink background.

Fluid Injection Permit No.: F- 22583	Date: 03/28/2023
O&G Waste Disposal Permit No.:	Date:

- Don't forget the permit date!
- It's on the far right of the screen (you may need to scroll to see it.)

W-2/G-1: Page 1



Page 1 2 3 4 5 6 Save Edit

Potential Test Data

Date of Test: Hours Tested: 24
Production Method: Choke Size:
If Pumping, Pump Size: Pump Type:
Was swab used during this test?: ☒ No ☐ Yes
Oil Produced Prior to Test: BBL
Injection Gas/Oil Ratio: CF/BBL

Remarks:

Production During Test Period

Oil: BBL Gas: MCF
Water: BBL Flowing Tubing Pressure: PSIG
Gas - Oil Ratio: 0 MCF/BBL x 1000

Calculated 24 Hour Rate

Oil: BBL Gas: MCF
Water: BBL Oil Gravity: API-60°F
Casing Pressure: PSIG

Page 1 2 3 4 5 6 Save Edit

- Skip page 1

W-2/G-1: Page 2



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Data on Well Completion and Log I

PSA/Allocation Completion Type **Drilling Permit value:**

Number of Producing Wells on this lease in this field (reservoir) including this well: 1

Total number of acres on this lease: 10.0

Total number of acres on this lease; **Drilling Permit value:** 10.0

Date Plug Back, Deepening, Recompletion, or Drilling Operations Commenced: 04/12/2023

Ended: 04/14/2023

Off-Lease (Surface Location); **Drilling Permit value:** No

☐ Off-Lease

Location of well, relative to nearest lease boundaries of lease on which this well is located: 330.0 Feet from the
330.0 Feet from the
FRIESS 'C'

South Line and
East Line of the
Lease.

Location of well, relative to nearest lease boundaries of lease on which this well is located; **Drilling Permit value:** 330.0 feet from the SOUTH line and 330.0 feet from the EAST line.

Distance to nearest well in this lease & reservoir: **250.0 feet**

Distance to nearest well in this lease & reservoir; **Drilling Permit value:** 0.0 feet

Elevation: feet

Elevation Code:

Vertical Depth: 600 feet

Total Vertical Depth, **Drilling Permit value:** 600 feet

Plug Back Depth - TVD: feet



- GAU Letter Required (if not already filed)
 - New Drill
 - Reclass (Change in field only)

1 2 Page 3 4 5 6 Save Edit

Data on Well Completion and Log II

GAU Groundwater Protection Determination Depth: 1050.0

GAU Groundwater Protection Determination Date: 12/22/2021

For new drill or re-entry, surface casing depth determined by:

☒ GAU Groundwater Protection Determination

☐ SWR 13 Exception

Depth:

Was directional survey made other than Inclination(Form W-12)?: ☒ No ☐ Yes

Rotation Time Within Surface Casing: 0.0 (Hours)

Is Cementing Affidavit Attached (W-15)?: ☐ No ☒ Yes

Is Well multiple completion?: ☒ No ☐ Yes

If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No.:

Row	Field & Reservoir	Lease Number	Well Type	Well No.
1				

W-2/G-1: Page 4 (1 of 2)



- All fields are required (Setting Depth, Size, TOC, etc) to be filled like a filing for a producing well.
- Well depths should be in TVD.

1 2 3 Page 4 5 6 Save Edit

The operator is responsible for ensuring that the slurry volume, cement sacks, and casing information entered on this form matches the information reported on the corresponding Form W-15.

Casing Record

Row	Type of Casing	Hole Size (inches & fractions)	Casing Size - O.D. (inches & fractions)	Setting Depth (ft.)	Multi-Stage Tool Depth (ft.)	Multi-Stage Shoe Depth (ft.)	Cement Class	Cement Amount(sacks)	Slurry Volume (cu. ft.)	Top of Cement	Top of Cement Determined By	Washout Factor	Calculated TOC
1	Surface	0	9 5/8	400			UNK	190	0.0	0	Circulated to Surface	20.0	400.0
2	Conventional Production	0	5 1/2	4960			UNK	190	0.0	3800	Calculation	20.0	4960.0

RRC GAU recommended base of usable quality groundwater (BUQW): 425.0 feet

Was cement circulated to ground surface (or bottom of cellar) outside SURFACE CASING?: ☐ No ☒ Yes

Remarks:

Liner Record

Row	Liner Size (inches & fractions)	Hole Size (inches & fractions)	Liner Top (ft.)	Liner Bottom (ft.)	Cement Class	Cement Amount (sacks)	Slurry Volume (cu. ft.)	Top of Cement	Top of Cement Determined By	Req. Minimum Top	Calc. Slurry Volume	Calc. Hole Size	Washout Factor	Calculated TOC
1	4 1/2	5 1/2	0	4850	CLC	150	198.0	0	Circulated to Surface	4760.0	177.0	5.25	20.0	1299.6596768590925

Tubing Record

Row	Tubing Size (inches & fractions)	Depth Set (ft.)	Packer Depth (ft.)	Packer Type
1	2 3/8	4880	4840	WEATHERFORD

Does this well currently have tubing set?: ☐ No ☒ Yes

If NO, Explain in Remarks.

Remarks:

☐ SWR 13 Exception for Tubing Record? (Attach approval)



Casing Size - O.D. (inches & fractions)	Setting Depth (ft.)	Multi-Stage Tool Depth (ft.)	Multi-Stage Shoe Depth (ft.)	Cement Class	Cement Amount(sacks)	Slurry Volume (cu. ft.)	Top of Cement
10 3/4	3192			C	2074	3567.0	0
7 5/8	6252			TXI / C	864	2276.0	3278
7 5/8	6252	3278		TXI/C	374	910.0	0

- Usage of a multi-stage tool should be reported with two rows.



- Keep perforations that are not isolated with a plug and 20' of cement.

1 2 3 4 Page 5 6 Save Edit

Producing/Injection/Disposal Interval (this completion) Indicate depth of perforation on open hole
Note: From and To are for Measured Depth for Horizontals.

Row	From (feet)	To (feet)	Bottom Hole Label	Lateral Label	Open Hole
1	515	520	Vertical		<input type="checkbox"/>

Remarks:

- List injection interval that is open hole separately.

1 2 3 4 Page 5 6 Save Edit

Producing/Injection/Disposal Interval (this completion) Indicate depth of perforation on open hole
Note: From and To are for Measured Depth for Horizontals.

Row	From (feet)	To (feet)	Bottom Hole Label	Lateral Label	Open Hole
1	4182	4250	Vertical		<input type="checkbox"/>
2	4289	4317	Vertical		<input checked="" type="checkbox"/>

Remarks:



ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUGS, RETAINER, ETC.

Depth Interval	From (feet)	To (feet)	Amount and Kind of Material Used	Process
1	4980.0	5000.0	SET CIBP @ 5000' W/20' CMT ON TOP	Cast Iron Bridge Plug
2	4405.0	4425.0	SET CIPB @ 4425' W/20' CMT ON TOP	Cast Iron Bridge Plug
3	4152.0	4332.0	PERFORATE AND ACIDIZE WITH 20,000 GALS 15% HCI	Acid

Remarks: SET CIBP @ 5000' W/20' CMT TO PLUG OFF SAN MIGUEL PERFS OF 5034' - 5046'. SET CIBP FOR ADDITIONAL ISOLATION @ 4425' W/20' CMT. PERF OLMOS AT 4152' - 4332'.

- Cement work and plugs must be reported in the row.
- Include any acidizing and stimulation.

W-2/G-1: Page 5 (3 of 3)



FORMATION RECORD (List depths of Principal Geological Markers and Formation Tops, including, but not limited to, all permitted Disposal/Injection formations within ¼ mile of the wellbore, Productive Zones, Potential Flow Zones, and Corrosive Formation Fluid Zones.)

Row	Principle Markers and Formation Tops	Encountered	Depth -TVD (feet)	Depth - MD (feet)	Isolated	Remarks
1	SANTA ROSA	<input checked="" type="checkbox"/>	1000.0		<input checked="" type="checkbox"/>	CEMENT TO SURFACE
2	RUSTLER	<input checked="" type="checkbox"/>	2000.0		<input checked="" type="checkbox"/>	CEMENT TO SURFACE
3	YATES	<input checked="" type="checkbox"/>	3000.0		<input checked="" type="checkbox"/>	CEMENT TO SURFACE
4	SEVEN RIVERS	<input checked="" type="checkbox"/>	3970.0		<input checked="" type="checkbox"/>	CEMENT TO SURFACE
5	QUEEN	<input checked="" type="checkbox"/>	4370.0		<input checked="" type="checkbox"/>	CEMENT TO SURFACE
6	GRAYBURG	<input checked="" type="checkbox"/>	4500.0		<input type="checkbox"/>	DISPOSAL ZONE
7	SAN ANDRES - HIGH FLOWS, H2S, CORROSIVE	<input checked="" type="checkbox"/>	4900.0		<input type="checkbox"/>	DISPOSAL ZONE
8	GLORIETA	<input type="checkbox"/>			<input type="checkbox"/>	DID NOT ENCOUNTER
9	CLEARFORK	<input type="checkbox"/>			<input type="checkbox"/>	DID NOT ENCOUNTER

- The disposal/injection formation must be listed.
- Include the depth of the formation tops that are encountered.



- Add explanations in the remark section.
- Add additional details and relevant information.

Data on Well Completion and Log I

Remarks:

WRO FOR HUFF & PUFF SET UP. PLEASE KEEP WELL ON PRORATION SCHEDULE AS PRODUCER AND ADD AS INJECTOR.

Data on Well Completion and Log I

Remarks:

CORRECTING WELLBORE CONSTRUCTION ... TBG/PKR DEPTH



- If you are filing in response to an H-5, indicate it in the remarks at the bottom of the page.

Data on Well Completion and Log I

Remarks:

H-5 FILING # 28687 SHOULD BE OPENED FOR UPDATING.





- Enter the date of injection on page 5 as proof of injection. The date may be used to address P-5 inactive list issues.

Data on Well Completion and Log I

RE-ENTRY OF A PLUGGED AND ABANDONED WELL RECLASS WELL STATUS TO AN ACTIVE INJECTOR RUN 4" 10.8# L-80 UFJ LINER FROM 0-4163 W/200 SXS OF CLASS C CMT TOC @ 1080' (CBL) 2 3/8 ARROWSET 1X PKR. ALSO REPORT ACID JOB BEGAN INJECTION ON 1/29/14. ENTITY FOR DENSITY #08-0254338

Remarks:





OPERATOR'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that I prepared or supervised and directed this report, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

I Accept: ☐ No ☒ Yes

Submitting the Packet



Miscellaneous Submit Data

Is this filing for a disposal well, water supply well, service well, or geothermal well?: ☐ No ☒ Yes

If a log (L-1 form) has previously been filed with the Commission, does it cover this interval?: ☒ No ☐ Yes

Validate

Submit

Queries for Completion Reports (1 of 2)



Content Search

GO

RRC
APPLICATIONS

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FORMS

EVENTS ▾

COMPLAINTS

ACCIDENTS ▾

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ESPAÑOL

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Texas O

ction Hit

Record Highs!

2023 Was Banner Year



Christi Craddick
Chairman



Wayne Christian
Commissioner

Resource & Research Center



CASES

Case Administration Service
Electronic System allows you to
search and view case information
online, including processed case
documents



Data Sets

Access and download information
electronically generated or stored by
the Railroad Commission of Texas



GIS Viewer (Map)

Oil, gas and pipeline data in a map
view! See what's near you.



Research Queries

Research Oil & Gas production,
drilling permits, well records, gas
utility and pipeline information,
surface coal/ignite mining permit
information and other related
queries.



Data Visualization

Interactive charts and graphs which
help drill down into RRC data for
Counties and Location.



Dockets

Dockets and proposal for decision
information for Oil & Gas, Gas
Utilities, Liquefied Petroleum Gas and
Surface Mining that are NOT in
CASES



OIL & GAS



CRITICAL INFRASTRUCTURE



Enforcement Actions

Master Agreed Orders signed by the
Commission at past RRC
conferences.



Environmental Cleanup

RRC's various cleanup and plugging
programs.



FAQ

Get the answers to the most
frequently asked questions.



Imaged Records

Both Current and historical
information in a searchable format.



Inspections & Violations

Download data files for completed Oil &
Gas inspections and violations. Datasets
can be downloaded statewide, or by Oil &
Gas district.



Open Records

The Public Information Act and the
procedures for requesting
information.

Queries for Completion Reports (2 of 2)



Completion Query (Reports after February 2011)

- <https://webapps.rrc.texas.gov/CMPL/publicHomeAction.do>

Oil and Gas Well Records (Reports before February 2011)

- https://rrcsearch3.neubus.com/esd3-rrc/index.php?_module_=esd&_action_=keysearch&profile=17



Common Filing Errors (1 of 2)



- Commenced/ended dates should be the most recent workover.
 - If the well received a permit in 2020 to convert from producing to injection, we expect workover dates in 2020 or later
- The spud date never changes.
- Spud date and commenced date should be the same when filing a new well completion.

Common Filing Errors (2 of 2)



- Add the Fluid injection No. or O&G Waste Disposal Permit No. when filing a new well/reclass completion.
- New wells should not be filed as well record only but as initial potential.
- If a new, shallower plug is reported, the plug back depth on page 2 should be updated.



Contact Information



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