

Section G – Well Status Reports, Multiple Completions, Consolidate or Subdivide Leases, Tests on Inactive Wells More Than 25 Years Old, Plugging Wells

W-10 Oil Well Status Report	3
Types	3
When Do You Need to File a Form W-10?	3
What is a Form W-10 Not Used for?.....	3
How Do I Know if I Have Any Survey’s that are Delinquent or Past Due?	3
When Are My W-10’s Due?	4
How Do I Obtain a Copy of a W-10 I Filed Online?	4
How Do I Know If My W-10 Was Processed?.....	5
Questions & Answers Pertaining to Oil Well Status Report	6
Terms	7
Outline for W-10 Survey	8
Form W-10 Oil Well Status Report.....	9
G-10 Gas Well Status Reports	11
Types	11
When Do You Need to File a Form G-10?	11
What Is a Form G-10 Not Used for?.....	11
How Do I Know If I Have Any Survey’s That Are Delinquent or Past Due?	11
When Are My G-10’s Due?.....	12
How Do I Obtain a Copy of a G-10 I Filed Online?	12
How Do I Know If My G-10 Was Processed?.....	13
Questions & Answers Pertaining to Gas Well Status Report	14
Terms	16
Test Requirements on Producing Wells.....	17
Form G-10 Gas Well Status Report	18
General Forms Required for Multiple Completion	20
Checklist	20
Questions & Answers Pertaining to Multiple Completions	21
Terms (Multiple Completions)	23
Form W-4 Application for Multiple Completion	24

Form W-4A Sketch of Multiple Completion.....	26
Form W-5 Packer Setting Report	28
Form W-15 Cementing Report.....	29
Form W-6 Communication or Packer Leakage Test.....	31
P-6 Request for Permission to Consolidate/Subdivide Leases	33
Checklist.....	33
When to File.....	33
When Not to File.....	33
Questions & Answers Pertaining to P-6.....	34
Terms	36
Form P-6 Request for Permission to Consolidate/Subdivide Leases	37
H-15 Test on an Inactive Well More than 25 Years Old.....	39
Questions & Answers Pertaining to Form H-15	39
Form H-15 Test on an Inactive Well More than 25 Years Old	42
W-3A – Notice of Intention to Plug and Abandon	44
Checklist.....	44
W-3 - Plugging Record.....	45
Checklist.....	45
If Plugging a Dry Hole:.....	45
If Applying to Condition an Abandoned Well for Fresh Water Production:	45
Questions & Answers Pertaining to Plugging Record	46
Terms	47
Form W-3A Notice of Intention to Plug and Abandon.....	48
Form W-3 Plugging Record	50
Form P-13 Application of Landowner to Condition an Abandoned Well for Fresh Water Production ..	52

W-10 Oil Well Status Report

SWR's - 3.26, 3.52, & 3.53

SWR 53 - Annual Well Tests and Well Status Reports Required

Types

- A) Annual Survey
- B) Retest

When Do You Need to File a Form W-10?

- A) When your survey is due as dictated by the testing cycle determined by the field.
- B) When you receive notification that an annual survey is due.
- C) When your GOR lowers enough to affect your allowable.
- D) When a non-producing well starts to produce.
- E) When a producing well stops producing.
- F) When there is a significant change in the wells production.
- G) When an updated combined test is required on a Parent well due to the approval of a new Stacked Lateral/Child well.

What is a Form W-10 Not Used for?

- A) To change well number. (File a Form W-2)
- B) To change operator. (File a Form P-4)
- C) To set up a new oil well. (File a Form W-2)
- D) To remove a well from schedule. (File a Form W-3)
- E) To change service well to producer or producer to service. (File a Form W-2)

How Do I Know if I Have Any Survey's that are Delinquent or Past Due?

- A. G-10 / W-10 Online Application
 - 1) RRC Online System
 - 2) Open the Well Status Report (G-10/W-10) Application
 - 3) Select Filing Operator
 - 4) Enter the Operator Number
 - 5) Select Search
 - 6) Select Operator Name (it will highlight it blue)
 - 7) Set Filing Operator
 - 8) Select Delinquent G-10 / W-10 Query
 - 9) Select Search
- B. Proration Query (Oil)
 - 1) Go to RRC Website at <https://www.rrc.texas.gov/>
 - 2) Select Online Research Queries
 - 3) Select Proration Query (Oil)
 - 4) Launch Application
 - 5) Enter District and Oil Lease No.
 - 6) Click Submit

- 7) Under the Daily Allowable column, it will show Delinquent W-10
- C. Supplements
- 1) You will receive a supplement in the mail and in the remarks, it will say DLQ FORM
 - 2) A letter will be mailed out to the operator for Delinquent W-10's, 30 days after the effective date.

When Are My W-10's Due?

- A) Proration Schedule by Field
- 1) Go to RRC Website at <https://www.rrc.texas.gov/>
 - 2) Select Oil & Gas
 - 3) Select Research and Statistics
 - 4) Select Proration Schedules, By Field
 - 5) Select on most current date
 - 6) Select the appropriate district Oil Proration Schedule
 - 7) A text file will generate, then use the CTRL+F on your keyboard and type in the field name. Where the field begins, 3 rows down, the testing cycle, due date, and effective date will display.
- B) G-10/W-10 Online Application
- 1) RRC Online System
 - 2) Open the Well Status Report (G-10/W-10) Application
 - 3) Select Filing Operator
 - 4) Enter the Operator Number
 - 5) Select Search
 - 6) Select Operator Name (it will highlight it blue)
 - 7) Select Set Filing Operator
 - 8) Select Filing W-10 Oil Well Status Reports
 - 9) Select File W-10 Oil Well Status Report
 - 10) Select Reason for Filing, Survey
 - 11) Enter District
 - 12) Input Due Date
 - 13) Select Surveys Required – If surveys are due, information will generate.
- C) Letters
- 1) Operator will receive a letter the month prior to the testing cycle, with the testing periods and due date. For example, if the testing cycle is August – January, the letter will be mailed in July.

How Do I Obtain a Copy of a W-10 I Filed Online?

1. RRC Online System
2. Open the Well Status Report (G-10/W-10) Application
3. Select Filing Operator
4. Enter operator number
5. Select search
6. Select operator name (it will highlight it blue)
7. Set filing operator.
8. Select Filing W-10 Oil Well Status Reports

9. Select the 3rd option W-10 Oil Well Status Report Query
10. Once you define your search criteria and select search, files will generate along with a View PDF button.
11. Select VIEW PDF to generate a PDF image which can be saved or printed.

How Do I Know If My W-10 Was Processed?

Once you submit the report, you should receive an email after 5:00 PM letting you know it was submitted successfully. If it rejected or failed, you will also get an email explaining why it rejected/failed. You can also look this up by opening the G-10/W-10 Online application.

1. Select filing operator.
2. Enter operator number
3. Click search.
4. Select an operator name (it will highlight it blue)
5. Set the filing Operator.
6. Select on W-10.
7. Click on Processed Well Status Report Query
8. Remove the processed dates that are pre-populated
9. Input your tracking number
10. Look at far-left column and select on the small box with cross.
11. A reject code will generate in yellow.

Questions & Answers Pertaining to Oil Well Status Report

Question Pertains to (Form, Rule, Procedure)	Question	Answer	Contact
W-10	Where do I file my W-10?	Surveys and Retests can be filed through the RRC Online System	Well Compliance 512-463-6975 prorationunit@rrc.texas.gov
W-10	Do I file a W-10 on an injection well?	The form H-10 is the appropriate form for an injection well.	Underground Injection Control 512-463-6792 H10Info@rrc.texas.gov
W-10	How do I calculate my gas/oil ratio (GOR)?	To calculate the GOR on a well, divide the gas production (cubic feet) by the barrels of oil (bbl) produced.	Well Compliance 512-463-6975 prorationunit@rrc.texas.gov
W-10	If I am producing over my allowable, do I need to file a W-10?	W-10 Retests may resolve overproduction issues, contact Well Compliance for guidance.	Well Compliance 512-463-6975 prorationunit@rrc.texas.gov
W-10	Can I list swabbing as a Production Method?	Swabbing is not a valid production method, without an approved exception to Statewide Rule 21. A Final Order must be submitted with the W-10.	District Office See the contacts by oil and gas activity for appropriate District Office.
W-10	How do I know if I am required to file a W-10?	One well oil lease's do not require annual surveys. Oil leases with more than one well, are required to file annually. If the lease is associated with a surface commingling permit (P-17), semi-annual filings are required.	Well Compliance 512-463-6975 prorationunit@rrc.texas.gov
W-10	Is there a User Guide to assist with EDI Filings?	The User Guide can be found on the RRC website, under User Guides and EDI Documents.	Well Compliance 512-463-6975 prorationunit@rrc.texas.gov
W-10	Can I still file my W-10 Survey if its past due?	Yes, up until the next testing cycle.	Well Compliance 512-463-6975 prorationunit@rrc.texas.gov
W-10	Does the Well Compliance Department have a general email address?	The general email address for the Well Compliance Department is prorationunit@rrc.texas.gov.	Well Compliance 512-463-6975 prorationunit@rrc.texas.gov

Terms

- A) **Allowable** — The amount of oil or gas that may be produced from a well per a unit of time. In Texas, this figure is established monthly by the RRC.
- B) **GOR** — The abbreviation for gas-oil ratio. This is calculated using the formula, cubic feet of gas divided by barrel of oil.
- C) **Oil Well** — Any well, which produces one or more barrels of crude petroleum oil to each one hundred thousand cubic feet of natural gas.
- D) **Service Well** — Any well not used for the purpose of producing hydrocarbons. (i.e., disposal, injection, or brine production)
- E) **Overproduction** — Any production of hydrocarbons not covered by an allowable.
- F) **Operator** — A person, acting for himself or as an agent for others and designated to the Commission as the one who has the primary responsibility for complying with its rules and regulations in any and all acts subject to the jurisdiction of the RRC.
- G) **MCF** — The abbreviation for one thousand cubic feet of gas.

Outline for W-10 Survey

- A) A listing of wells will be mailed out four months prior to the effective date of survey.
- B) There are six testing months followed by a due month and an effective month.
 - 1) Example:
 - a. Mail Out: 10/22/1996
 - b. Test Cycle: 08/1996, 09/1996, 10/1996, 11/1996, 12/1996 & 01/1997
 - c. Due Date: 02/01/1997
 - d. Effective Date: 03/01/1997
- C) Areas that cause problems
 - 1) Surveys cannot be used as retest - file W-10 Retest to adjust allowable. Late filings of a W-10 will cause the loss of an allowable.
 - 2) Well number changes cannot be made on a W-10 survey; file a W-2.
 - 3) A W-10 cannot be used to establish an initial allowable. An Initial Potential W-2 completion must be filed to establish the initial allowable.
 - 4) Test data
 - a. Oil barrels should be rounded off to nearest one-tenth barrel.
 - b. Water should be rounded off to nearest barrels.
 - c. Gas should be rounded off to nearest MCF.
 - 5) Nonproducing section
 - a. Change from producing to shut-in should be indicated with an X. Plugging operations should begin after 1 year or an extension to SWR 14 (b)(2) applied for.
 - b. If the well is shut in, please provide the date tested and mark X for Shut in.

INSTRUCTIONS

- Purpose of Filing** The W-10 report advises the Commission of the production capability of the well and is the basis for calculating the gas-oil ratio of the well. It is also used to update the status of a well, including when a well is shut-in. File the W-10 survey of oil wells at the direction of the Railroad Commission when the W-10 is mailed to you with basic information pre-printed, including testing, filing and effective dates. The W-10 may also be filed at any time to report a retest.
- Test Exemption** A producing well that is the only well on an oil lease is exempt from annual testing and will not be included on the pre-printed W-10 survey. NOTE: This exemption does not apply if the well is operating under any field rule or commingling exception that is in conflict with this exemption.
- Conducting the Test**
1. For a survey, test the well within the test period indicated at the top right of the survey form.
 2. The person conducting this test must be qualified by training or experience to make such tests.
 3. The test is to be carried out under normal operating conditions, at a stabilized rate.
 4. Use gas measurement methods as described in the current Commission publication *Gas-Oil Ratio Calculation*, or methods of at least equal accuracy.
 5. If the well being tested is a **top allowable** well or a **high gas-oil ratio (GOR)** well, test production over the applicable allowable or gas limit may need to be made up as overproduction.
- Reporting The Test Results**
1. Report oil production in barrels of up to **one** decimal place, casinghead gas production in **whole** MCF (thousand cubic feet), and water production in **whole** barrels.
 2. Report casinghead gas volume in MCF measured at or corrected to a base pressure of 14.65 pounds per square inch absolute (psia) and a standard base temperature of 60 degrees Fahrenheit.
 3. Report only the formation gas production on gas lift or jetting wells. Formation production is the **net** production which equals the total gas minus the gas lift gas. Do not report injected gas volumes.
- Non-Producing Wells** If the well is shut-in, indicate this by placing an X in the shut-in block. If you receive a survey with a non-producing well type, such as "observation," pre-printed on the survey and you are returning the well to production, you are required to also file a Form W-2, *Oil Well Potential Test, Completion or Recompletion Report*, for the well. If a well printed on the survey has been plugged, a Form W-3 must be filed with the appropriate district office.
- Filing the W-10 Report** A W-10 survey is due in Austin no later than the month indicated at the top right of the survey form. Field-wide W-10 surveys are due the first day of the month following the end of the test period. File the completed W-10 report (**original only**) with: RAILROAD COMMISSION OF TEXAS, OIL AND GAS DIVISION, P.O. BOX 12967, AUSTIN, TX 78711-2967

G-10 Gas Well Status Reports

SWR 3.28 - Potential and Deliverability of Gas Wells to Be Ascertained and Reported

SWR 3.53 - Status of Well to be Reported

SWR 3.55 - Reports on Gas Wells Commingling Liquid Hydrocarbons before Metering

Types

- A) Semi-Annual Survey
- B) Annual Survey
- C) Retest
- D) Initial Test
- E) Correction to Survey

When Do You Need to File a Form G-10?

- A) When your wells testing cycle is due per field rules.
- B) When a nonproducing well, new completion, workover, or reclassification starts to produce.
- C) When a producing well stops producing.
- D) When a producing well's rate of production increases.
- E) At initial completion of the well
- F) When the well is completed in a regulatory field for which the allocation formula is based in whole or in part on the downhole pressure of the well.
- G) When necessary to reinstate an allowable
- H) When required by Commission order, special field rule, or any other Commission Rule.

What Is a Form G-10 Not Used for?

- A) To change well number. (File a Form G-1)
- B) To change operator. (File a Form P-4)
- C) To remove a well from schedule. (File a Form W-3)
- D) To change service well to producer or producer to service. (File a Form G-1)

How Do I Know If I Have Any Survey's That Are Delinquent or Past Due?

- A. G-10 / W-10 Online Application
 - 1) RRC Online System
 - 2) Open the Well Status Report (G-10/W-10) Application
 - 3) Select Filing Operator
 - 4) Enter the Operator Number
 - 5) Select Search
 - 6) Select Operator Name (it will highlight it blue)
 - 7) Set Filing Operator
 - 8) Select Delinquent G-10 / W-10 Query
 - 9) Select Search
- B. Proration Query (Gas)
 - 1) Go to RRC Website at <https://www.rrc.texas.gov/>
 - 2) Select Online Research Queries
 - 3) Select Proration Query (Gas)

- 4) Launch Application
 - 5) Enter District and Gas Well ID No.
 - 6) Click Submit
 - 7) Under the Allowable column, it will show code 0 O – Delinquent G-10
- C. Supplements
- 1) You will receive a supplement in the mail and in the remarks, it will say DLQ FORM
 - 2) A letter will be mailed out to the operator for Delinquent G-10's, 30 days after the effective date.

When Are My G-10's Due?

- A) Proration Schedule by Field
- 1) Go to RRC Website at <https://www.rrc.texas.gov/>
 - 2) Select Oil & Gas
 - 3) Select Research and Statistics
 - 4) Select Proration Schedules, By Field
 - 5) Select on most current date
 - 6) Select the appropriate district Gas Proration Schedule
 - 7) A text file will generate, then use the CTRL+F on your keyboard and type in the field name. Where the field begins, 3 rows down, the testing cycle, due date, and effective date will display.
- B) G-10/W-10 Online Application
- 1) RRC Online System
 - 2) Open the Well Status Report (G-10/W-10) Application
 - 3) Select Filing Operator
 - 4) Enter the Operator Number
 - 5) Select Search
 - 6) Select Operator Name (it will highlight it blue)
 - 7) Select Set Filing Operator
 - 8) Select Filing G-10 Oil Well Status Reports
 - 9) Select File G-10 Oil Well Status Report
 - 10) Select Reason for Filing, Survey
 - 11) Enter District
 - 12) Input Due Date
 - 13) Select Surveys Required – If surveys are due, information will generate.
- C) Letters
- 1) Operator will receive a letter the month prior to the testing cycle, with the testing periods and due date. For example, if the testing cycle is August – January, the letter will be mailed in July.

How Do I Obtain a Copy of a G-10 I Filed Online?

1. RRC Online System (Well Status Report (G-10/W-10))
2. Open application
3. Select filing operator.
4. Enter operator number.
5. Select search.

6. Select operator name (it will highlight it blue)
7. Set filing operator.
8. Select Filing G-10 Oil Well Status Reports
9. Select the 3rd option G-10 Oil Well Status Report Query.
10. Once you define your search criteria and select search, files will generate along with a View PDF button.
11. Select VIEW PDF to generate a PDF image which can be saved or printed.

How Do I Know If My G-10 Was Processed?

Once you submit the report, you should receive an email after 5:00 PM letting you know it was submitted successfully. If it rejected or failed, you will also get an email explaining why it rejected/failed.

1. Select filing operator.
2. Enter operator number.
3. Select search.
4. Select an operator name (it will highlight it blue)
5. Set the filing Operator.
6. Select on G-10.
7. Select on Processed Well Status Report Query
8. Remove the processed dates that are pre-populated.
9. Input your tracking number.
10. Look at far-left column and select on the small box with cross.
11. A reject code will generate in yellow.

Questions & Answers Pertaining to Gas Well Status Report

Question Pertains to (Form, Rule, Procedure)	Question	Answer	Contact
G-10	Where do I file my G-10?	Surveys and Retests can be filed through the RRC Online System	Well Compliance 512-463-6975 prorationunit@rrc.texas.gov
G-10	Do I have to file a G-10 on injection wells?	The form H-10 is the appropriate form for an injection well.	Underground Injection Control 512-463-6792 H10Info@rrc.texas.gov
G-10	Can you backdate my survey?	The effective date will not be changed.	Well Compliance 512-463-6975 prorationunit@rrc.texas.gov
G-10	How do I calculate my gas/oil ratio?	The GOR is no longer required on the G-10. The Commission will calculate it for you.	Well Compliance 512-463-6975 prorationunit@rrc.texas.gov
G-10	Where and how do I run a G-10 test?	Initial G-10 test is run after well is connected to the sales line. All deliverability (G-10 tests shall be performed by producing the subject well at stabilized rates for a minimum time-period of 72 hours. (See SWR 28 for complete instructions.) Additional G-10 retests can be filed by operators at their discretion.	Well Compliance 512-463-6975 prorationunit@rrc.texas.gov
G-10	Why is my G-10 delinquent?	The annual or semi-annual G-10 survey was not received on time.	Well Compliance 512-463-6975 prorationunit@rrc.texas.gov
G-10	Do I need to file G-10's on low producing wells?	Wells with a recorded G-10 test of 100 MCF or less or wells with a test of 250 MCF or less in fields without specific field rules are exempt from any further G-10 testing. (Exception: Wells with a commingling permit will appear on survey.)	Well Compliance 512-463-6975 prorationunit@rrc.texas.gov

G-10	Is there a User Guide to assist with EDI Filings?	The User Guide can be found on the RRC website, under User Guides and EDI Documents.	
G-10	Does the Well Compliance Department have a general email address?	The general email address for the Well Compliance Department is prorationunit@rrc.texas.gov.	Well Compliance 512-463-6975 prorationunit@rrc.texas.gov

Terms

- A) **Survey** — Annual or semi-annual filing of well status report that is initiated by the Commission.
- B) **G-10 Test** — Well status report filed at operator's discretion or in response to a specific Commission request.
- C) **Daily MCF Gas** — Gas measured in final 24 hours of test.
- D) **Deliverability** — Volume of gas that the well is capable of producing into the sales line in a 24-hour-period under normal operating conditions.
- E) **Condensate/BBLS** — Liquid hydrocarbons produced by the gas well in a 24-hour period.
- F) **MCF** — Thousand cubic feet.
- G) **API Gravity** — Specific gravity measured in degrees on the American Petroleum Institute scale. Ratio between equal volumes of liquid hydrocarbons (condensate) and water.
- H) **SIWH** — Stabilized shut-in well head pressure.

Test Requirements on Producing Wells

All producing wells require a daily producing rate, as well as date of test, along with gravities, condensate, water, shut-in pressure, and flowing pressure. **ALL wells** must be pre-flowed 48 hours before running a 24-hour test, for a total of 72 hours.

A condensate volume requires a condensate gravity and vice versa, to avoid an incomplete G-10 allowable. For Commingled wells, a condensate volume left blank or reported as zero can be shown.

Form G-10 Gas Well Status Report

OPERATOR NAME AND ADDRESS including city, state and zip	GAS WELL STATUS REPORT RAILROAD COMMISSION OF TEXAS Oil and Gas Division P. O. Box 12967 Austin, Texas 78711-2967 Page _____ of _____				Reason for filing <input type="checkbox"/> Survey <input type="checkbox"/> Retest <input type="checkbox"/> Initial Test <input type="checkbox"/> Correction	Operator P-5 Organization No.	RRC Dist No.	G-10 <small>REV. 09/2016</small>
	Test Period : _____ Due Date: _____ Effective Date: _____							
Field Name *Lease Name	RRC IDENT. NO.	DATE TESTED MO/DAY/YEAR	GAS PRODUCED MCF/DAY **	CONDENSATE PRODUCED	WATER PROD BBL/DAY	***SIWH PRESSURE PSIA	If Calculated, Check Box	
	WELL NO.	MARK X FOR SHUT-IN WELL	GRAVITY GAS SPEC.	CONDENSATE GRAVITY(API)	X BOTTOMHOLE PRESSURE PSIA	***FLOWING PRESSURE PSIA	N/A	
			MCF	. BBL	. BBL		<input type="checkbox"/>	
			MCF	. BBL	. BBL		<input type="checkbox"/>	
			MCF	. BBL	. BBL		<input type="checkbox"/>	
			MCF	. BBL	. BBL		<input type="checkbox"/>	
			MCF	. BBL	. BBL		<input type="checkbox"/>	
			MCF	. BBL	. BBL		<input type="checkbox"/>	
			MCF	. BBL	. BBL		<input type="checkbox"/>	
			MCF	. BBL	. BBL		<input type="checkbox"/>	
			MCF	. BBL	. BBL		<input type="checkbox"/>	

CERTIFICATION: I declare under penalties prescribed in Texas Natural Resources Code, Sec. 91.143, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated herein are true, correct, and complete to the best of my knowledge

Signature: _____ **Title:** _____ **Phone:** _____ **Date:** _____

* AN ASTERISK PREPRINTED ON A SURVEY IDENTIFIES WELL SUBJECT TO COMMINGLING TEST REQUIREMENT
 *** GAS PRODUCTION RATE, IN MCF, IS TO BE REPORTED FULL-WELL STREAM, INCLUDING CONDENSATE
 ***** PRESSURE FOR THE TEXAS HUGOTON FIELD IS REPORTED IN PSIG
 AN "X" PREPRINTED ON A SURVEY IN THE BOTTOMHOLE PRESSURE BOX INDICATES A BOTTOMHOLE PRESSURE MUST BE REPORTED FOR THE WELL

Purpose of Filing	File the Form G-10 survey at the direction of the Railroad Commission when the Form G-10 is mailed to you with basic information pre-printed, including testing, filing, and effective dates. The Form G-10 may also be filed at any time to report an initial test, a retest, or to correct information already filed. A Form G-10 must be filed on each new gas well after the well is connected to a sales line in order for an allowable to be assigned.
Conducting the Test	<ol style="list-style-type: none"> 1. The person conducting this test must be qualified by training or experience to make such tests. 2. Use gas measurement methods as described in the current Commission publications <i>Gas-Oil Ratio Calculation</i> and <i>Back Pressure Test for Natural Gas Wells, State of Texas</i>, or methods of at least equal accuracy. 3. Perform the test with the same equipment used during normal operations. 4. The test to determine the daily deliverability volume is to be of 72 hours minimum duration; pre-flow the well a minimum of 48 hours to stabilize it at a daily rate not less than 75% of the producing rate observed during the final 24 hours of the test. The average producing rate during that initial minimum 48-hour stabilization period is the average of the producing rates during the two 24-hour component periods. If the well produces condensate, measure dry gas volume and condensate volume during each 24 hours of the overall test period. 5. The reported test rate, that is, the daily deliverability volume you will be reporting on the Form G-10, is the actual production during the final 24 hours of the overall test period. 6. Obtain prior approval from the district office before conducting a test of less than 72-hours duration. Under no circumstance is the deliverability test to be less than 24 hours with the hourly producing rate extrapolated to 24 hours to calculate a daily deliverability volume. 7. If the well produces full-well stream, conduct and report the test in accordance with Statewide Rule 55(b).
Reporting the Test Results	<ol style="list-style-type: none"> 1. Report full-well stream deliverability volume in MCF (thousand cubic feet) measured at a base pressure of 14.65 pounds per square inch absolute (psia) and a standard base temperature of 60° Fahrenheit. 2. To obtain the full-well stream deliverability volume, add the gas equivalent of any condensate produced during the final 24 hours to the dry gas volume metered during the same time period. If the actual gas equivalent of the condensate has not been determined by laboratory analysis, use a value of 1.1 MCF per barrel. 3. For wells producing full-well stream to a plant or central facility, report the calculated condensate production in accordance with Statewide Rule 55(a). 4. Report liquid hydrocarbons or condensate, in barrels of 42 U.S. gallons at 60° Fahrenheit.
Filing the G-10	File the completed G-10 report (original only) with Austin no later than (15) days after the date the test is completed. Field-wide G-10 surveys are due the first day of the month following the end of the test period. File the G-10 with: RAILROAD COMMISSION OF TEXAS, OIL AND GAS DIVISION, P.O. BOX 12967, AUSTIN, TEXAS 78711-2967.
Various	<p>TEST EXEMPTION. An initial deliverability test is required on a well with a deliverability of less than 100 MCF/day. If, however, deliverability and production remain at or less than 100 MCF/day, or, in fields without special field rules, at or less than 250 MCF/day, the well is exempt from further G-10 testing and will not be listed on the Commission computer-generated G-10 surveys. NOTE: this exemption does not apply if the well is operating under any field rule or commingling exception which is in conflict with this exemption.</p> <p>BOTTOM HOLE PRESSURE. Report BHP for prorated wells which have BHP as a part of the allocation formula, in addition to filing Form W-7. Take the BHP during the same test period as the survey.</p> <p>SHUT-IN WELLHEAD PRESSURE FOR PRODUCING WELLS. If the 24-hour shut-in wellhead pressure is determined at a time other than during the deliverability test, report the date the measurement was made in the space directly below the date tested. If a previously determined shut-in pressure from the six-month period prior to the test is not available, record a shut-in pressure from immediately prior to or after the deliverability test in accordance with SWR 28(c) and report only the date tested.</p> <p>The operator may estimate the Shut-In Wellhead Pressure (SIWP) by calculation. If this method is used, it must be accompanied by a letter from a professional engineer licensed in accordance with Chapter 1001 of the Texas Occupations Code.</p> <p>SHUT-IN WELLS. Report the shut-in pressure, if any, in the SIWH Pressure block and, in the Shut-In block enter an "X" on all shut-in wells.</p> <p>FIELD RULES. Operators are to observe all testing and reporting requirements as set out in applicable field rules.</p>

General Forms Required for Multiple Completion

Checklist

Check List	Form	Authorization
<input type="checkbox"/>	W-4	SWR 6 – Application for multiple completion.
<input type="checkbox"/>	W-4A	SWR 6 – Sketch of multiple completion installation.
<input type="checkbox"/>	W-5	SWR 6 – Packer setting report (for packer/tubing type multiple completions).
<input type="checkbox"/>	W-15	SWR 6 – Copy of all cementing reports (for tubingless completions).
<input type="checkbox"/>	W-6	SWR 6 – Communication or packer leakage test. Original communication or packer leakage test pressure recorder charts.

Note: Applications for multiple completion and the required accompanying data is filed with the Engineering unit of the Commission's Technical Permitting section, per SWR 6 (a)

Questions & Answers Pertaining to Multiple Completions

Questions Pertaining to (Form, Rule, Procedure)	Question	Answer	Contact
W-4	Where do I send the completed multiple completion application	The Engineering Unit of the Technical Permitting Section in Austin.	Engineering Unit 512-463-1126
W-4	Is there a filing fee?	No.	
W-4	Do I send notice to anyone?	Yes. Send a copy of the W-4 to your immediate offset operators. Indicate in item 11(b) on the W-4 the date you sent notice to the offsets.	Engineering Unit 512-463-1126
W-4	What alphabetic codes do I use in item 9(a) on the W-4?	Use "C" and "T" to designate the upper and lower completions in a single tubing string/packer completion. Use "U" and "L" to designate the upper and lower completions in a two-tubing string/packer completion. (Use "U", "M", and "L" for a triple completion.) Use "D" and "F" to designate the upper and lower completion in a two tubingless completion. ("D", "F" and "H" for a triple completion."	Engineering Unit 512-463-1126
W-4A	Do I fill out both sides of W-4A?	No. Only the side that best depicts your completion. Side 1 is used for conventional packer/tubing completions. Side 2 is used for tubingless.	Engineering Unit 512-463-1126
W-4A	If none of the sketches on the W-4A matches my completion, can I submit my own sketch?	Yes.	Engineering Unit 512-463-1126
W-5	I have a tubingless completion. Do I still need to submit a W-5?	No, a W-5 is only required when a packer is used. A copy of all W-15 cementing reports should be attached to the multiple completion	Engineering Unit 512-463-1126

		application. The original W-15s will be filed with the W-2 or G-1.	
	What if I am experiencing problems with my well and cannot shut in one or both zones to run a communication test?	Contact the Oil & Gas Division, Engineering Unit in Austin, Texas for instructions.	Engineering Unit 512-463-1126
W-4	Do I submit an application for multiple completion if one or both are disposal/injection?	Yes.	Engineering Unit 512-463-1126
	Do I need to submit a log with my application?	Yes, with your W-2 or G-1 submit either a log or Form L-1 marked "Confidential."	Engineering Unit 512-463-1126
W-4, W-4A, W-5, W-6 & Packer Leakage Test Charts	If I work one of the completions over to another zone, do I need to file a new multiple completion application?	Yes.	Engineering Unit 512-463-1126
W-6 & Packer Leakage Test Charts	How often must I run a communication test?	Anytime you do any work on the well which disturbs (moves) the packer.	Engineering Unit 512-463-1126

Terms (Multiple Completions)

- 1.) **Tubingless Completion** – Two or more strings of tubing or production casing cemented in the hole. The cement between the strings of pipe prevents communication between zones.
- 2.) **Conventional or Packer/Tubing Completion** – Multiple completion involving one or more strings of tubing. One or more packers are used to prevent communication between zones.
- 3.) **Communication or Packer Leakage Test** – Pressure test conducted to demonstrate that there is no communication between the zones. Instructions for conducting this test are on the back of Form W-6.

12. Is this a regular location with respect to all zones? (yes or no)	
13. If the answer to Item 12 is "NO", has a Rule 37 Hearing been held on zones affected by such rule? State the Rule 37 Case Number. (yes or no)	
14. Is the fluid produced from any of these zones conducive to corrosion to the extent that any resulting corrosion will damage tubing or casing? _____	
15. Remarks:	
I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.	
_____	_____
Date	Signature
_____	_____
Operator	Name of Person (type or print)
_____	_____
Street Address or P.O. Box	Title of Person
_____	Telephone: _____
City, State	Zip Code Area Code

INSTRUCTIONS -

1. File the original and one copy of this form in the Railroad Commission District Office with the following **REQUIRED ATTACHMENTS**:
 - (a) Packer Setting Report (Form W-5) where applicable and/or Cementing Report (Form W-15).
 - (b) Communication or Packer Leakage Test (Form W-6).
 - (c) Sketch of Multiple Completion Installation (Form W-4A).
 - (d) Letters of Waiver from offset operators, or evidence that notice of the application to multicomplete was given to said operators.
 - (e) Electrical Log showing subsurface location of the separate reservoirs claimed.
2. The required attachments in (a), (b), and (c) above shall be filed in duplicate.
3. This form may be used for a dual, triple, or quadruple completion. If more than four zones are involved, use this form and add an attached sheet.
4. If any completion is to be used for injection, separate permission to inject must be obtained from the Commission.
5. For Item 9(a), the following Multiple Well Completion Designation shall be used.

RRC ALPHABETIC CODE DESIGNATION	FORMERLY USED DESIGNATION
C	C
T	T
U	UT OR UC
L	LT or LC
M	MT or MC
P	UMT or UMC
Q	LMT or LMC
D	S-1-C, S-1 or W or W-C
E	S-1-T or W-T
F	S-2-C, S-2 or X or X-C
G	S-2-T or X-T
H	S-3-C, S-3 or Y or Y-C
I	S-3-T or Y-T
J	S-4-C, S-4 or Z or Z-C
K	S-4-T or Z-T
N	S-5-C or S-5
O	S-5-T

Form W-4A Sketch of Multiple Completion

Side 1

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form W-4A
(Rev. 8-27-69)

SKETCH OF MULTIPLE COMPLETION INSTALLATION WITH TUBING INSIDE CASING

(Fill out only the side of this form that applies to your installation.)

1. Field Name		2. RRC District	
3. Operator		4. County	
5. Lease Name(s) and RRC Lease Number(s)		6. Well Number	
7. Type of Multiple Completion - dual, triple, etc.	8. Which sketch below (A, B, C, or D) fits your multi-completion installation?		9. Date

Sketch A String (1)

Sketch B String (1) (2)

Sketch C String (1) (2) (3)

Sketch D String (1) (2) (3) (4)

Packer set at _____ ft.
Tubing landed at _____ ft.

RRC Alphabetic Code Designation _____
Name of Reservoir _____
Type of Production (oil, gas, or Inj.) _____
Zone Interval _____ to _____
Perforated or Producing Interval _____ to _____

Packer set at _____ ft.
Tubing landed at _____ ft.

RRC Alphabetic Code Designation _____
Name of Reservoir _____
Type of Production (oil, gas, or Inj.) _____
Zone Interval _____ to _____
Perforated or Producing Interval _____ to _____

Packer set at _____ ft.
Tubing landed at _____ ft.

RRC Alphabetic Code Designation _____
Name of Reservoir _____
Type of Production (oil, gas, or Inj.) _____
Zone Interval _____ to _____
Perforated or Producing Interval _____ to _____

Packer set at _____ ft.
Tubing landed at _____ ft.

RRC Alphabetic Code Designation _____
Name of Reservoir _____
Type of Production (oil, gas, or Inj.) _____
Zone Interval _____ to _____
Perforated or Producing Interval _____ to _____

_____ inch Casing set at _____ ft.
Total Well Depth at _____ ft.

NOTE: Clearly mark any Cross-over Packers or Side Door Chokes and show depth at which set.

Side Door Choke set at _____ ft. String No. _____ Cross-over Packer set at _____ ft. , String No. _____

- INSTRUCTIONS FOR SIDE 1 -

- Fill out only the side of this form that applies to your multiple completion installation. This side may be used for a dual, triple, or quadruple completion. If none of the sketches fits your installation, draw your installation on an attached sheet showing the identical required information.
- If this side of the form is used, two copies of Form W-5, PACKER SETTING REPORT (for each packer set); two copies of Form W-6, COMMUNICATION OR PACKER LEAKAGE TEST; an Electrical Log; and two copies of this form must be filed with the two copies of Form W-4, APPLICATION FOR MULTIPLE COMPLETION, in the RRC District Office.

**RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION**
**SKETCH OF MULTIPLE COMPLETION INSTALLATION
WITH MULTIPLE STRINGS CEMENTED IN PLACE**

(Fill out only the side of this form that applies to your installation.)

1. Field Name	2. RRC District
3. Operator	4. County
5. Lease Name(s) and RRC Lease Number(s)	6. Well Number
7. Type of Multiple Completion - dual, triple, etc.	8. Date

Top of Cement at _____ ft.

RRC Alphabetic Code Designation _____

Name of Reservoir _____

Type of Production (oil, gas, or Inj.) _____

Zone Interval _____ to _____

Perforated or Producing Interval _____ to _____

_____ inch Casing set at _____ ft.

RRC Alphabetic Code Designation _____

Name of Reservoir _____

Type of Production (oil, gas, or Inj.) _____

Zone Interval _____ to _____

Perforated or Producing Interval _____ to _____

_____ inch Casing set at _____ ft.

RRC Alphabetic Code Designation _____

Name of Reservoir _____

Type of Production (oil, gas, or Inj.) _____

Zone Interval _____ to _____

Perforated or Producing Interval _____ to _____

_____ inch Casing set at _____ ft.

RRC Alphabetic Code Designation _____

Name of Reservoir _____

Type of Production (oil, gas, or Inj.) _____

Zone Interval _____ to _____

Perforated or Producing Interval _____ to _____

_____ inch Casing set at _____ ft.

Total Well Depth at _____ ft.

NOTE: Clearly mark any tubing run on a packer inside casing giving depth at which packer set, depth at which tubing landed, and the above required zone information.

- INSTRUCTIONS FOR SIDE 2 -

1. Fill out only the side of this form that applies to your multiple completion installation. This side may be used for two, three, or four strings cemented in place. If this sketch cannot be adapted for your installation, draw your installation on an attached sheet showing the identical required information.
2. If this side of the form is used, two copies of Form W-15, CEMENTING REPORT; two copies of Form W-6, COMMUNICATION OR PACKER LEAKAGE TEST; an Electrical Log; and two copies of this form must be filed with the two copies of Form W-4, APPLICATION FOR MULTIPLE COMPLETION, in the RRC District Office.

Form W-5 Packer Setting Report

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form W-5
(Rev. 8-27-69)

PACKER SETTING REPORT

(File two copies of this form in the RRC District Office for each packer set.)

1. Field Name	2. RRC District
3. Operator of Well	4. County
5. Lease Name(s) and RRC Lease Number(s)	6. Well Number
7. Make and Type of Packer	8. Depth at which Packer was set (ft.)
9. Depth Measurement in Item 8 furnished by:	10. Date Packer was set
11. Remarks:	
<p>I personally supervised the setting of the packer described above in Items 1 through 11. The purpose of setting this packer was to effect a seal in the annular space between the two strings of pipe where the packer was set so as to prevent the coming-ling, in the bore of this well, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer. The make and type packer set was adequate to effectively and absolutely seal off the annular space between the two strings of pipe when it was properly set. This packer was properly set.</p>	
<p>I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.</p>	
_____	_____
Date	Signature of Person Making Report
_____	_____
Employer	Name of Person (type or print)
_____	_____
Street Address or P.O. Box	Title of Person
_____	_____
_____	Telephone: _____
City, State	Area Code
_____	_____
Zip Code	

Form W-15 Cementing Report



RAILROAD COMMISSION OF TEXAS

1701 N. Congress
P.O. Box 12967
Austin, Texas 78701-2967

Form W-15

Rev. 08/2014

CEMENTING REPORT

Cementer: Fill in shaded areas.
Operator: Fill in other items.

OPERATOR INFORMATION					
Operator Name:			Operator P-5 No.:		
Cementer Name:			Cementer P-5 No.:		
WELL INFORMATION					
District No.:		County:			
Well No.:		API No.:		Drilling Permit No.:	
Lease Name:		Lease No.:			
Field Name:		Field No.:			
I. CASING CEMENTING DATA					
Type of casing: <input type="checkbox"/> Conductor <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Liner <input type="checkbox"/> Production					
Drilled hole size (in.):		Depth of drilled hole (ft.):		Est. % wash-out or hole enlargement:	
Size of casing in O.D. (in.):		Casing weight (lbs/ft) and grade:		No. of centralizers used:	
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input type="checkbox"/> NO If no for surface casing, explain in Remarks.			Setting depth shoe (ft.):		Top of liner (ft.):
					Setting depth liner (ft.):
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.):		Cementing date:	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total					
II. CASING CEMENTING DATA					
Type of casing: <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Production <input type="checkbox"/> Tapered production <input type="checkbox"/> Multi-stage cement shoe <input type="checkbox"/> Multiple parallel strings					
Drilled hole size (in.):		Depth of drilled hole (ft.):		Est. % wash-out or hole enlargement:	
Size of casing in O.D. (in.):		Casing weight (lbs/ft) and grade:		No. of centralizers used:	
Tapered string drilled hole size (in.)			Tapered string depth of drilled hole (ft.)		
Upper: Lower:			Upper: Lower:		
Tapered string size of casing in O.D. (in.)		Tapered string casing weight (lbs/ft) and grade		Tapered string no. of centralizers used	
Upper: Lower:		Upper: Lower:		Upper: Lower:	
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input type="checkbox"/> NO			Setting depth shoe (ft.):		
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.):		Cementing date:	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total					
III. CASING CEMENTING DATA					
Type of casing: <input type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Production <input type="checkbox"/> Tapered production <input type="checkbox"/> Multi-stage cement/DV tool <input type="checkbox"/> Multiple parallel strings					
Drilled hole size (in.):		Depth of drilled hole (ft.):		Est. % wash-out or hole enlargement:	
Size of casing in O.D. (in.):		Casing weight (lbs/ft) and grade:		No. of centralizers used:	
Tapered string drilled hole size (in.)			Tapered string depth of drilled hole (ft.)		
Upper: Lower:			Upper: Lower:		
Tapered string size of casing in O.D. (in.)		Tapered string casing weight (lbs/ft) and grade		Tapered string no. of centralizers used	
Upper: Lower:		Upper: Lower:		Upper: Lower:	
Was cement circulated to ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input type="checkbox"/> NO			Setting depth tool (ft.):		
Hrs. waiting on cement before drill-out:		Calculated top of cement (ft.):		Cementing date:	
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total					

CEMENTING TO SQUEEZE, PLUG BACK OR PLUG AND ABANDON							
	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Cementing Date							
Size of hole or pipe (in.)							
Depth to bottom of tubing or drill pipe (ft.)							
Cement retainer setting depth (ft.)							
CIBP setting depth (ft.)							
Amount of cement on top of CIBP (ft.)							
Sacks of cement used							
Slurry volume pumped (cu. ft.)							
Calculated top of plug (ft.)							
Measured top of plug, if tagged (ft.)							
Slurry weight (lbs/gal)							
Class/type of cement							
Perforate and squeeze (YES/NO)							

REMARKS

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

Name and title of cementer's representative	Cementing Company	Signature
Address	City, State, Zip Code	Tel: Area Code Number Date: mo. day yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

Typed or printed name of operator's representative	Title	Signature
Address	City, State, Zip Code	Tel: Area Code Number Date: mo. day yr.

Instructions for Form W-15, Cementing Report

NOTICE: The Form W-15 must be submitted as an attachment to a Form G-1 (Gas Well Back Pressure Test, Completion or Recompletion Report, and Log), Form W-2 (Oil Well Potential Test, Completion or Recompletion Report, and Log), Form W-3 (Plugging Record), or Form W-4 (Application for Multiple Completion), any time cement is pumped in a wellbore.

- A. **What to file:** An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form.
The Form W-15 should be filed with the Form W-3, Plugging Record, unless the Form W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.
- B. **How to file:** An oil and gas completion report and Form W-15 may be filed online using the Commission's Online System (<https://webapps.rrc.texas.gov/security/login.do>) or a paper copy of the form may be mailed to the Commission in Austin (P.O. Box 12967, Austin, Texas 78711-2967).
- C. **Surface casing:** An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Groundwater Advisory Unit in Austin. Sufficient cement shall be used to fill the annular space outside the casing from the shoe to the ground surface or to the bottom of the cellar. Before drilling a well, an operator must obtain a letter from the Groundwater Advisory Unit stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.
To plug and abandon a well, operators must use only cementers approved by the Commission's Director of Field Operations in accordance with SWR 14 ([http://info.sos.state.tx.us/pls/pub/readtac\\$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&r=14](http://info.sos.state.tx.us/pls/pub/readtac$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&r=14)). Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.
- D. **Estimated % wash-out:** If the estimated % wash-out is less than 20% (or 30% along the Gulf Coast), provide supporting documentation such as a caliper log to show how the estimated % wash-out was obtained.
- E. **Multi-stage cement:** An operator must report the multi-stage cement shoe in II. Casing Cementing Data section by selecting the type of casing and Multi-stage cement shoe. The operator must report the multi-stage cement tool in III. Casing Cementing Data section by selecting the type of casing and Multi-stage cement/DV tool.
- F. **Multiple parallel strings:** An operator should file the Form W-15 as an attachment to the Form W-4, Application for Multiple Completion. An operator may be required to submit multiple Form W-15s to show all data for multiple parallel strings.
- G. **Slurry data:** If cement job exceeds three slurries, continue the list of slurries in the Slurry table in the subsequent Casing Cementing Data box.

Form W-6 Communication or Packer Leakage Test

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form W-6
(Rev. 1-8-70)

COMMUNICATION OR PACKER LEAKAGE TEST

1. Field Name			2. RRC District			
3. Operator			4. County			
5. Lease Name(s) and RRC Lease Number(s)			6. Well Number			
ZONE INFORMATION			1 st (Upper) Zone	2 nd Zone	3 rd Zone	4 th Zone
7. RRC Alphabetic Code Designation <i>(Multiple Well Completion Designation - See Instructions, reverse side.)</i>						
8. Name of Reservoir <i>(If reservoir name is shown on protraction schedule, use that name.)</i>						
9. Type of Production (oil or gas) <i>(If used for injection, state type fluid injected.)</i>						
10. Producing Interval(s)						
11. Date & Hour well shut-in prior to testing. <i>(All zones shut-in.)</i>						
12. Stabilized shut-in pressure prior to producing any zone (psig)						
DATA ON PRODUCING COMPLETION						
----- DUAL COMPLETION -----						
			Test No. 1	Test No. 2	Test No. 3	Test No. 4
13. ZONE PRODUCING <i>(Fill in under each test the appropriate RRC Alphabetic Code Designation from Item 7.)</i>						
14. Stabilized shut-in pressure prior to producing this zone. (psig)			Same as Item 12			
15. Producing method & choke size (inches)						
16. Date & Hour completion opened.						
17. Stabilized flowing pressure while producing (psig)						
18. Length of time required for stabilization of flowing pressure. (hrs.)						
19. Date & Hour completion shut-in.						
20. Stabilized shut-in pressure after producing this zone. (psig)						
21. Time required for obtaining above stabilized shut-in pressure. (hrs.)						
22. Amount of oil produced during test. (bbls.)						
23. Amount of gas produced during test. (MCF)						
24. Amount of water produced during test. (bbls.)						
DATA ON SHUT-IN COMPLETION(S)						
25. ZONE(S) SHUT-IN <i>(Fill in under each test the appropriate RRC Alphabetic Code Designation from Item 7.)</i>						
26. Stabilized shut-in pressure prior to this test. (psig)			Same as Item 12	Same as Item 12	Same as Item 12	
27. Minimum shut-in pressure during test. (psig)						
28. Maximum shut-in pressure during test. (psig)						
29. Stabilized shut-in pressure at the end of the test. (psig)						
30. Maximum pressure change of shut-in completion during test. (psig) <i>(+ Increase) or (- Decrease)</i>						

(APPLICANTS MUST COMPLY WITH THE INSTRUCTIONS ON REVERSE SIDE HEREOF.)

- OVER -

31. Was the Commission's District Office notified of this test 24 hours prior to the shut-in of all completions at the start of this test? _____

32. Remarks :

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

Date	Signature
Operator	Name of Person (type or print)
Street address or P.O. Box	Title of Person
City, State	Telephone: _____
Zip Code	Area Code

- INSTRUCTIONS -

- This form may be used for a dual, triple, or quadruple completion.
- The original and one copy of this form shall be filed with the Railroad Commission District Office.
- The Commission's District Office shall be notified 24 hours prior to conducting this Communication or Packer Leakage Test.
- After allowing all zones to build up and stabilize, the general procedure for the Communication or Packer Leakage Test involves testing each zone by (a) a draw-down producing test (one zone producing and all other zones shut-in) followed by (b) a build-up test after producing that zone (all zones shut-in).
- Prior to beginning the test, all zones shall be shut-in a sufficient length of time to allow wellhead pressures to become stabilized and for a minimum of 2 hours thereafter. Under shut-in conditions, stabilization may be considered attained when the rate of pressure build-up does not exceed one pound per 30 minute period. If all the zones shut-in will not stabilize in 24 hours, the zones do not have to remain shut-in longer than the 24 hour period, and thus the operator may proceed.
- If a zone is on gas lift, the gas lift supply valve should be closed except during lifting or producing operations.
- During any test, the rate of production for the zone being produced shall not be less than the anticipated calendar day allowable for an oil well and shall not be less than the anticipated maximum daily withdrawal for a gas well.
- For Test No. 1, the well shall be produced in one zone with the other zone(s) shut-in until the producing wellhead pressure has become stabilized and for a minimum of 2 hours thereafter. Under flowing conditions, the pressure may be considered stabilized when it does not vary more than 0.1% of the original shut-in well head pressure during a 15 minute interval. For a producing zone which will not stabilize in 24 hours, the zone does not have to be produced any longer than 24 hours trying to reach stabilization.
- Following each test, all zones shall be shut-in until wellhead pressures have become stabilized and for a minimum of 2 hours thereafter. If all the zones shut-in will not stabilize in 24 hours, the zones do not have to remain shut-in longer than the 24 hour period, and thus the operator may proceed.
- For the next test, produce one zone that has not already been produced, with the other zone(s) shut-in.
- For triple or more completions, repeat Instructions 9 and 10 until all zones have been tested.
- All pressures shall be measured with recording gauges. The maximum capacity of the pressure recording gauge should not be more than twice the expected shut-in pressure. The original charts shall be submitted along with this form. The accuracy of the recording gauges should be checked periodically during the tests with a dead weight test gauge.
- For Items 7, 13, and 25, the following Multiple Well Completion Designation shall be used. |

<u>RRC ALPHABETIC CODE DESIGNATION</u>	<u>FORMERLY USED DESIGNATION</u>
C	C
T	T
U	UT OR UC
L	LT or LC
M	MT or MC
P	UMT or UMC
Q	LMT or LMC
D	S-1-C, S-1 or W or W-C
E	S-1-T or W-T
F	S-2-C, S-2 or X or X-C
G	S-2-T or X-T
H	S-3-C, S-3 or Y or Y-C
I	S-3-T or Y-T
J	S-4-C, S-4 or Z or Z-C
K	S-4-T or Z-T
N	S-5-C or S-5
O	S-5-T

RAILROAD COMMISSION REPRESENTATIVE: The undersigned Commission Representative has witnessed and/or checked the foregoing test.

Signature of Commission Representative

P-6 Request for Permission to Consolidate/Subdivide Leases

SWR 80 - Additional Forms Requested

Checklist

- A) Form P-6
- B) Form P-4
- C) Before Plat
- D) After Plat

When to File

- A) When two or more developed leases or parts thereof are consolidated into an existing lease(s) or a newly created lease.
- B) When a developed lease(s) is divided into two or more Leases.
- C) A consolidation may be filed to resolve a SWR-40 violation due to double assignment of lease acreage.
- D) A subdivision may be filed for if an operator intends to file an operator change P-4 for some of the wells on their lease.
- E) A subdivision may be filed if an operator intends to move wells from one lease to another without physical work taking place.

When Not to File

- A) When undeveloped acreage is to be divided from an Existing lease(s).
- B) When proposed consolidated lease will have two or more Operators of record.
- C) When leases to be consolidated are not contiguous.
- D) If leases being consolidated or subdivided are in different regulatory fields.
- E) Consolidations and Subdivisions are not applicable to units that are formed through a unitization secondary recovery hearing.
- F) Consolidations and Subdivisions are not applicable to gas wells. Each gas well has a unique ID number.

Questions & Answers Pertaining to P-6

Question Pertains to (Form, Rule, Procedure)	Question	Answer	Contact
P-6	We are going to drill a new well on the lease that we are subdividing. Do we include this well in the subdivision?	The only wells that are included in a subdivision or consolidation are the wells that are on the proration schedule at the time of subdivision or consolidation.	Well Compliance 512-463-6975 prorationunit@rrc.texas.gov
P-6	Can I make this effective back when the well(s) were first drilled?	We want a consolidation or subdivision effective the first day of a current month.	Well Compliance 512-463-6975 prorationunit@rrc.texas.gov
P-6	Do the before and after plats have to be the same scale?	If it is possible, the plats should be the same scale.	Well Compliance 512-463-6975 prorationunit@rrc.texas.gov
P-6	Does the previous operator have to sign the P-4?	Yes. The previous operator and current operator must sign the P-4. Only the current operator needs to sign the P-6.	Well Compliance 512-463-6975 prorationunit@rrc.texas.gov
P-6	Do we have to change the well number?	If two existing leases are to be consolidated and the lease receiving the new well(s) has not had a well with your well number, you do not have to change the well number. If the receiving lease has ever had a well with your well number, then it will have to be changed.	Well Compliance 512-463-6975 prorationunit@rrc.texas.gov
P-6	I answered Item 11 NO – do I need to file any other paperwork with the RRC?	If Item 11 has been marked No, then the P-6 may need to be sent to General Counsel for review via interoffice mail.	Well Compliance 512-463-6975 prorationunit@rrc.texas.gov

P-6	Does the Well Compliance Department have a general email address?	The general email address for the Well Compliance Department is prorationunit@rrc.texas.gov.	Well Compliance 512-463-6975 prorationunit@rrc.texas.gov
------------	---	--	--

Terms

- A) **Lease** – The tract of land included in the proration units of a well(s).
- B) **Operator of Record** – The operator that appears in the Commission records to be responsible for a lease.
- C) **Contiguous** – Two or more tracts of land that are touching at any point, regardless of the size of contact.
- D) **After Plat** – a plat that reflects the lease as described in Item 10 of the P-6.
- E) **Before Plat** – a plat that reflects the lease as described in Item 9 of the P-6.
- F) **Consolidate** – when two or more developed leases are combined.
- G) **Receiving Lease** – Refers to the receiving lease after a subdivision or consolidation whether it be a new lease number or a pre-existing lease number.
- H) **Subdivide** – when a developed lease is divided into two or more leases.

Form P-6 Request for Permission to Consolidate/Subdivide Leases

RAILROAD COMMISSION OF TEXAS
 Oil and Gas Division
 PO Box 12967
 Austin TX 78711-2967
 www.rrc.texas.gov

REQUEST FOR PERMISSION TO SUBDIVIDE OR CONSOLIDATE OIL LEASE(S)

READ INSTRUCTIONS ON BACK

P-6
 5/02
 WWW-1

1. Receiving Operator name, exactly as shown on P-5 Organization Report	2. Operator P-5 no.	3. RRC district no.	5. Purpose of Filing: <input type="checkbox"/> Consolidation <input type="checkbox"/> Subdivision	
		4. County		
6. Operator address including city, state, and zip code		7. Field name exactly as shown on proration schedule		
8. Are any of the leases being subdivided or consolidated currently overproduced or in violation of statewide rules? (check one) <input type="checkbox"/> No <input type="checkbox"/> Yes				
9. Lease to be subdivided or leases to be consolidated. List lease names and well numbers exactly as listed on current Commission Oil Proration Schedule.				
LEASE NAME	LEASE NUMBER	LEASE ACRES	WELL NUMBERS (e.g.: 1, 2, 3-U, 3-L, 4, etc.)	
(1)				
(2)				
(3)				
10. Lease(s) resulting from subdivision or after consolidation (how the leases/wells are to be listed on the Commission Oil Proration Schedule). For well number changes, give both old and new number; if there is no well number change, show the number under "old".				
LEASE NAME	LEASE NUMBER	LEASE ACRES	WELL NUMBERS	API NUMBER 42-
			Old New	
(1)				
(2)				
(3)				
11. Is the ownership, working interest, and the royalty interest for all leases listed in Items 9 or 10 identical? (check one) <input type="checkbox"/> No <input type="checkbox"/> Yes (See instruction D.)				
12. Is the acreage listed for the resulting leases in Item 10 contiguous? (Check one) <input type="checkbox"/> No <input type="checkbox"/> Yes (See instruction F)			RRC USE ONLY	
OPERATOR CERTIFICATION: I certify that I am authorized to make this request, that it was prepared by me or under my supervision and direction, and that the data and facts stated herein are true, correct, and complete to the best of my knowledge.			Reviewer's initials: _____	
Signature _____			Approval date: _____	
Date _____				
Name (print or type) _____				
Title _____				
Phone number (with area code) _____				
E-mail address (optional) _____				

Instructions
Form P-6: Request for Permission to Subdivide or Consolidate Oil Lease(s)

Reference: Statewide Rule 26, *Separating Devices, Tanks, and Surface Commingling of Oil*; Statewide Rule 27, *Gas to Be Measured and Surface Commingling of Gas*; Statewide Rule 38, *Well Densities*; and Statewide Rule 39, *Proration and Drilling Units – Contiguity of Acreage and Exception Thereto*.

- A. When to Use the P-6.** A P-6 must be used when subdividing an oil lease into two or more oil leases or consolidating two or more oil leases into one or more oil leases.
- B. Where and What to File.** File the P-6 and plats (original and four copies) with the Railroad Commission in Austin. The P-6 and plats are filed along with the original Form P-4(s), *Certificate of Compliance and Transportation Authority* (rev. 05/02).
- C. Listing Leases/Wells and Filing Form P-4.** SINGLE OPERATOR subdivisions or consolidations. If an operator is subdividing a lease into other leases for which it also is the operator, or if an operator is consolidating leases into a lease or leases for which it is also the operator, the Form P-6 must be completed in entirety and filed by the operator. If more space is required in Item 9 or 10, attach a listing in the same format. A Form P-4 must also be filed for the lease or leases that result from the subdivision or consolidation.

OPERATOR CHANGE subdivisions or consolidations. If an operator is subdividing a well or wells on a lease to a different operator, or if two different operators operate leases that are being consolidated, a Form P-4 and sufficient financial assurance under Rule 78 must be filed for each lease involving transfer of operator. Both the previous operator and the receiving operator must sign the P-4, the purpose of filing must be indicated (subdivision or consolidation), and the wells that are to be included in the leases that result from the subdivision or consolidation listed on a Form P-6. The Form P-6 must be completed in its entirety and filed by the operator of the resulting leases. If more space is required in Item 9 or 10, attach a listing in the same format.

- D. Statement of Ownership.** Indicate if the ownership, working interest, and the royalty interest for the leases listed in Items 9 or 10 that are being subdivided or consolidated are identical as to both the identity of the interest owners and as to the percentage of interest, by checking “yes” or “no” in Item 11. If the ownership is not identical, Commission legal staff will review the application and you will be required to show how the correlative rights of all interest owners will be protected.
- E. Plats.** Two plats are to be filed with the P-6 — one showing the boundaries of the lease(s) before and one showing the boundaries of the lease(s) after the subdivision or consolidation. Indicate lease and proration unit boundaries by heavy or dotted lines; do not shade entire leases or proration units. Identify and label by well number every well within the unit(s); on “before plat”, use well numbers identical to those shown on the Commission Oil Proration Schedule. If there are field rules with acreage in the allocation formula, identify and label the proration acreage for each well.

Plats are to be drawn to scale; 1”=1000’ or 1”=2000’ is preferred but 1”=1200’ is acceptable. Each plat is to have the following information printed on it: operator name, field name, direction of north, scale used, certification by survey company or operator that the plat is true and correct, a legend, legal location (survey, section, block name, county and abstract), whether the plat represents the “before” or the “after”, and total acreage in lease(s).

- F. Acreage.** In Item 12, indicate if the lease acreage listed in Item 10 is contiguous for each lease by checking “yes” or “no”. If the acreage from the resulting leases is not contiguous, further commission staff review will be required and a Rule 39 exception may be necessary. Acreage totals in Item 9 must equal acreage totals in Item 10.

H-15 Test on an Inactive Well More than 25 Years Old

Questions & Answers Pertaining to Form H-15

Questions Pertaining to (Form, Rule, Procedure)	Questions	Answer	Contact
SWR 14(B)(3) “Plugging”	Do I have to test my wells that are 25 or more years old, and inactive one year or more?	Pursuant to Statewide Rule 14(b)(3), the answer is yes. Testing is required to ensure that the wellbore does not pose a threat of pollution to natural resources including surface and subsurface water, oil, and gas.	Field Operations 512-463-6912
SWR 14(B)(3)	What type of test should be performed?	An annual fluid test must indicate adequate separation between the base of usable-quality water at the location of the wellbore and the static level (top) of the fluid in the wellbore. As an alternative to the annual fluid level test, a mechanical integrity test (MIT) may be performed. If the MIT is successful, the well does not have to be tested for H-15 purposes for up to five years. A mechanical integrity test that has been conducted successfully within the preceding five years where the results are on file with the Commission may be acceptable. Contact the appropriate District Office at least 48 hours prior to conduction and H-15 test.	Field Operations 512-463-6912
Form H-15 “Test on an Inactive Well More than 25 Years Old”	What determines the age of the wellbore?	The age of the well is based on the date that the well was originally drilled	Field Operations 512-463-6912

		(spudded). If that is not known, the date of the initial completion (even if plugged) of the wellbore is used.	
Procedure	How do I know which wells need testing?	You are ultimately responsible for identifying wells that need testing and testing them in a timely manner. Effective January 2008, the test schedules are mailed out monthly, and will be based on the testing schedule for the assigned field. This listing of wells is also posting to the Commissions website. The start of testing will coincide with the annual surveys (G-10/W-10) scheduled for each field and will allow 90 days to complete testing.	Field Operations 512-463-6912
Procedure	If the wellbore fails the test, who do I notify?	The appropriate Commission District Office should be notified of any failed test. At that time instructions will be given on how to bring the wellbore into compliance. Compliance may be achieved by plugging the well or repairing the well to successfully pass an H-15 test.	Field Operations 512-463-6912
Form H-15 “Test on an Inactive Well More than 25 Years Old”	Can I just send a letter telling the Commission I tested a well?	No. The test must be reported on Commission Form H-15. The H-15 report is to be filed with the Commission within the 30 days after the test is conducted.	Field Operations 512-463-6912
Form H-15	Where do I file the Form H-15 Report?	File a Fluid Level H-15 Test Report with the Commission’s Field Operations Austin Office.	Appropriate District Office

		File a Mechanical Integrity Test H-15 (original and one copy) with the Commission's District Office. The MIT must be reviewed and approved by the appropriate District Office.	
Procedure	According to our records, one of the wells in the Commission list of wells due for testing is less than 25 years old. What should I do?	Complete all identifying areas of the Form H-15, attach a copy of the supporting documentation such as a copy of the W-2, G-1 or well card and mail it to the Commission's Austin office. A review of the records will determine if the well requires or is exempt from testing.	Field Operations 512-463-6912
Procedure	Am I eligible to receive an extension to file my test?	Yes, you may be eligible for a limited extension, 30 days initially. Extension requests must be filed in writing with the Commission's Field Operations Austin office.	Field Operations 512-463-6912

INSTRUCTIONS

Form H-15: Test on an Inactive
Well Over 15 Years Old

Reference: Statewide Rule
14(b)(2)

- | | |
|---------------------------------------|--|
| 1. TESTING REQUIREMENTS | <p>A wellbore that is 25 or more years old that has been inactive one year or more is to be tested to ensure it poses no potential pollution threat to natural resources including surface and subsurface water, oil, and gas. An annual fluid level test must indicate an adequate separation between the base of the deepest usable-quality water at the location of the wellbore and the top of the fluid on the wellbore.</p> <p>You may choose to perform a mechanical integrity test instead of the fluid level test. If the integrity test is successful, no other test is required for up to five years. A mechanical integrity test that has been conducted successfully within the preceding five years where the results are on file with the Commission may be acceptable.</p> <p>NOTE: Beginning January 1, 1997, a wellbore that is 25 or more years old and inactive 10 or more years is required to undergo the mechanical integrity test.</p> |
| 2. MULTIPLE COMPLETIONS | <p>The wellbore, rather than any individual completion, is subject to the Statewide Rule 14(b)(2) testing requirements. The age of the oldest completion, even if plugged, determines if testing is required. Only one test and one H-15 report for a wellbore is necessary. In completing the H-15, show the common API number in Item 13; in Items 5, 6, 8, and 9 list all associated field and lease names, oil lease/gas ID and well numbers.</p> |
| 3. COMMISSION LISTING & DISCREPANCIES | <p>You are responsible for testing and reporting test results in a timely manner on each of your wells subject to the Statewide Rule 14(b)(2) test provisions. However, to assist you, the Commission in mid-Summer mails a listing of wells due for testing by the following June 1. If the information in your records differs from that on the listing, in the appropriate area of the H-15, list both the information from the listing and from your files. Indicate historical wellbore date discrepancies only if the difference is more than one year; attach substantiating documentation (W-2/G-1, well cards, etc.). If there are differences in API, lease, and/or well identification information, also complete Item 16 with location information. If you did not test the wellbore because of a change of status (the wellbore is plugged, has gone back on production, is an active injection well, etc.) or change of operator, complete the H-15 identification areas (Items 1 – 9, 12, 13), attach supporting documentation (W-3, W-2/G-1, H-10, P-4, etc.), and file the H-15 with the Commission in Austin. Use Item 15 as needed for explanation.</p> |
| 4. PRIOR NOTIFICATION AND APPROVAL | <p>For any test other than a fluid level test, contact the appropriate district office at least 3 days prior to testing to receive testing approval. The district office will advise of test standards and any supporting data to be filed with the test results.</p> |
| 5. FILING THE H-15 REPORT | <p>The H-15 report is to be filed with the Commission within 30 days after the test is conducted.</p> <p>FLUID LEVEL TEST H-15: File the H-15 (original only, no attachments other than those mentioned in No. 3, above) reporting the results of a fluid level test with the RAILROAD COMMISSION OF TEXAS, OIL AND GAS DIVISION, P.O. BOX 12967, Austin, Texas 78711-2967.</p> <p>MECHANICAL INTEGRITY TEST H-15: File the H-15 (original and one copy of the H-15 along with one set of attachments as directed by the district office and as mentioned in No. 3, above)s reporting the results of a mechanical integrity test with the appropriate district office. If the H-15 is based on prior mechanical integrity test results, attach a copy of the originally filed Form H-5, DISPOSAL/INJECTION WELL PRESSURE TEST REPORT.</p> |
| 6. WATER DEPTH | <p>Item 11. Give the base of the deepest usable quality water at the location of the well. The determination of this depth must have been made by the Texas Water Commission (Surface Casing, P.O. Box 13087, Capitol Station, Austin, Texas 78711-3087) within the five years preceding the test.</p> |
| 7. SCHEDULE FOR INITIAL TESTING | <p>An inactive well that fit the test requirement criteria June 1, 1992 is to be initially tested following a schedule (see below) based upon its age. A well that becomes both inactive and 25 or more years old after June 1, 1992 is to be tested within one year of the time it becomes both inactive and 25 or more years old.</p> |

**Initial Test Deadline for Wells Inactive One or more Years
and 25 or more Years Old ON OR BEFORE JUNE 1, 1992**

<u>Age of Wellbore</u>	<u>Deadline for Filing Initial Test Report</u>
45 or more years old	June 1, 1993
35 or more years old but less than 45	June 1, 1994
25 or more years old but less than 35	June 1, 1995

rev. 8/93

W-3A – Notice of Intention to Plug and Abandon

Checklist

- A) Form W-3A
SWR 14 – Notification of intention to plug any well shall be given to the Commission prior to plugging. (File with District Office.) File one copy only.

- B) Form GW-2
Groundwater Protection Determination Letter as approved by the Groundwater Advisory Unit

* Well to be plugged and abandoned may be subject to known groundwater depth as identified by Groundwater Advisory Unit.

- C) Accompanying Well Records that provide well bore information that may not be available as Commission record.

W-3 - Plugging Record

Checklist

- A) Form W-3A
SWR 14 – Notification of intention to plug any well shall be given to the Commission prior to plugging. (File with District Office.)
- B) Form W-3
SWR 14 – A plugging report shall be filed within 30 days after plugging operations are complete. File one copy only.
- C) Form W-15
SWR 14 – A cementing report made by the company cementing the well shall be attached or made part of the plugging report.

If Plugging a Dry Hole:

- D) Form L-1 and/or Log
Authorization: SWR 16 – If a basic electric log was run on the well, a copy must be attached accompanied by a L-1, or a request for a delayed filing must be made on the L-1 Form.

If Applying to Condition an Abandoned Well for Fresh Water Production:

- E) Form P-13
Authorization: SWR 14 – The landowner may file an application to condition an abandoned well for freshwater production.

Questions & Answers Pertaining to Plugging Record

Question Pertains to (Form, Rule, Procedure)	Question	Answer	Contact
W-3A	Where do I send the Form W-3A?	File with the appropriate District Office. The District Office must approve the Form W-3A prior to commencing plugging operations. File one copy only.	Appropriate RRC District Office
W-3A	If you acquire an abandoned well and are plugging it, but do not know any information about the wellbore, how do you complete the W-3?	Contact the appropriate District Office for guidance. You may also research the RRC's online query system to obtain well information.	Appropriate RRC District Office
W-3 (SWR 14)	What plugging requirements must I meet when plugging a well?	Contact the appropriate District Office for specific plugging requirements. General plugging requirements are described in Statewide Rule 14.	Appropriate RRC District Office
W-3	Does a W-3 have to be filed when plugging back a well from one reservoir to another?	No. A W-3 is filed only when a well is plugged. Include the plug back information on the W-2 or G-1 completion forms.	Appropriate RRC District Office

Terms

- A) **Dry Hole** – Any well that does not produce oil or gas in commercial quantities.
- B) **Log** – A systematic recording of data used to ascertain downhole information about a well.
- C) **Plug** – Any object or device, commonly cement, that services to block a hole or passageway (as a cement plug in a borehole).
- D) **Plug and Abandon (P & A)** – To place a cement plug or plugs in a well bore during abandonment.
- E) **Plugback** – To cement off a lower section of perforated casing. To prevent the migration of fluids up hole.
- F) **Service Well** – A well-used for some purpose other than the production of oil or gas. (. e.g., testing tools, cathodic protection, seismic equipment test, etc.)

Form W-3A Notice of Intention to Plug and Abandon

Form W-3A

Rev 1/1/83
(02/00)
WWW-1

Type or print only

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division
Notice of Intention to Plug and Abandon

Operators must comply with RRC plugging procedures as outlined on the reverse side.

1. Operator's Name and Address (Exactly as shown on Form P-5, Organization Report)		3. RRC District No.	4. County of Well Site																				
		5. API No. 42-		6. Drilling Permit No.																			
2. RRC Operator Number _____		7. Rule 37 Case No.	8. Oil Lease No. or Gas Well ID No.	9. Well No.																			
10. Field Name (Exactly as shown on RRC records)			11. Lease Name																				
12. Location • Section No. _____ Block No. _____ Survey _____ No. _____ Abstract No. A- _____ • Distance (in miles) and direction from a nearby town in this county (name the town). _____																							
13. Type of well 1. oil 3. disposal 5. other (specify) _____ 2. gas 4. injection Enter appropriate no. in box <input type="checkbox"/>			14. Type of completion Single <input type="checkbox"/> Multiple <input type="checkbox"/>		15. Total depth																		
16. Usable-quality water strata (as determined by Texas Dept. of Water Resources) occur to a depth of _____ feet and in deeper strata from _____ to _____ feet; and from _____ to _____ feet																							
17. •If there are wells in this area which are producing from or have produced from a shallower zone, state depth of zone _____ • If there are wells into which salt water is being or has been disposed of into a shallower zone, state depth of zone _____																							
18. Casing record (list all casing in well)					Anticipated casing recovery (feet)																		
Size	Depth	Cement (sacks)	Drilled hole size	Top of cement (feet)	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="3">Top of cement determined by:</th> </tr> <tr> <td>Temper. Survey</td> <td>Calculated</td> <td>Cement Bond Log</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>	Top of cement determined by:			Temper. Survey	Calculated	Cement Bond Log	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Top of cement determined by:																							
Temper. Survey	Calculated	Cement Bond Log																					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																					
set @ _____	_____ w'	_____	_____	_____																			
set @ _____	_____ w'	_____	_____	_____																			
set @ _____	_____ w'	_____	_____	_____																			
set @ _____	_____ w'	_____	_____	_____																			
set @ _____	_____ w'	_____	_____	_____																			
19. Has notice of intent to plug been filed previously for this well?					20. Plugging proposal (List all bridge and cement plugs. Load the hole with at least 9.5 lbs. per gallon mud.)																		
<input type="checkbox"/> Yes / / <input type="checkbox"/> No Mo. Day Yr.																							
21. Record of perforated intervals or open hole																							
Perforations	Open	Plugged	Plugging method																				
_____	<input type="checkbox"/>	<input type="checkbox"/>	_____																				
_____	<input type="checkbox"/>	<input type="checkbox"/>	_____																				
_____	<input type="checkbox"/>	<input type="checkbox"/>	_____																				
Open Hole	<input type="checkbox"/>	<input type="checkbox"/>	_____																				
22. Name and address of cementing company or contractor																							
23. Anticipated plugging date for this well is: _____ / _____ / _____ Mo. Day Yr.																							
Typed or printed name of operator's representative			Title of person																				
Telephone: Area Code Number		Date: Mo. Day Yr.	Signature																				

RRC District Office Action

Expiration date Mo. Day Yr. District Director _____ Date _____

Instructions to Form W-3A, Notice of Intention to Plug

A. What to file. An original and three copies of the completed Form W-3A. The operator must also file with this form a current letter from the Texas Natural Resource Conservation Commission (Surface Casing MC-151), P.O. Box 13087, Austin, Texas 78711, stating the depth to which usable-quality water strata occur in the area of the well.

B. Where to file. The appropriate Commission District Office for the county in which the well is located. Operators must file this form at least FIVE days before they intend to begin plugging operations. The District Director may approve, modify, or reject the operator's plugging proposal as outlined on this form. **IMPORTANT:** If Form W-3A is approved, the operator must give at least a FOUR-HOUR notice to the District Director before proceeding to plug the well as outlined.

C. Notice requirement. Before plugging any well, the operator must give notice to the surface owner of the well-site tract, or to the resident if the owner is absent, and to the operators of all offset producing leases.

D. Expiration. When approved, the plugging proposal described on Form W-3A will be valid for six months. The expiration date appears on the front of this form.

E. Plugging record. Within 30 days after plugging operations are completed, the operator must file in the appropriate District Office a completed and verified Plugging Record, **Form W-3**. The cementer of the well must complete and sign the cementing report on Form W-3 or file a separate **Form W-15** and attach this report to the plugging record.

F. Plugging requirements. Operators must comply with the general plugging requirements in section (d) and the specific technical requirements in section (e) through (k) of Statewide Rule 14. **Consult Statewide Rule 14; proper plugging is the operator's responsibility.**

Form P-13 Application of Landowner to Condition an Abandoned Well for Fresh Water Production

RAILROAD COMMISSION OF TEXAS OIL AND GAS DIVISION		APPLICATION OF LANDOWNER TO CONDITION AN ABANDONED WELL FOR FRESH WATER PRODUCTION		FORM P-13 EFF 10/04	
1. Field Name (as per RRC Records or Wildcat):			2. Field No.:	3. RRC District No.:	
4. Operator Name (as shown on P-5):			5. Operator P-5 No.:	6. County:	
7. Lease Name:		8. RRC Lease/Gas ID No.:	9. API No.:	10. Well No.:	
11. Location (Section, Block, and Survey):					
12. If the Operator has changed within the last 60 days, provide the name, the P-5 No., and the address of the former Operator:					
13. If the well has been worked over, provide the former Field name (and reservoir name) and number:					
14. Is this an Abandoned Producer or a Dry Hole? <input type="checkbox"/> YES <input type="checkbox"/> NO If this is a Dry Hole, or if the Operator did not file current completion data, ATTACH casing and cement data for casings penetrating groundwater depths.					
15. Type of Electric or other Log run:			16. Completion date of the well:		
17. Proposed Plug-Back Depth of well for fresh water production (ft):		18. Base of Usable Quality Water (ft.):	19. Date of TCEQ letter: TCEQ File No.: SC-		
20. FOR COMPLETION BY LANDOWNER: <i>Information concerning groundwater conservation districts may be found at www.texasgroundwater.org.</i>					
<input type="checkbox"/> I have permitted the well as a water well with the _____ Groundwater Conservation District. <input type="checkbox"/> I have registered the water well with the _____ Groundwater Conservation District. <input type="checkbox"/> The _____ Groundwater Conservation District does not require that the water well be permitted or registered. <input type="checkbox"/> There is no groundwater conservation district for the area in which the well is located.					
<p>The undersigned Operator and Landowner hereby make application for the Operator to be authorized to plug the above well in such a manner that the well bore be left open to the above depth so that the Landowner may condition and equip such well bore to that depth for production of fresh water.</p> <p>The undersigned Landowner further obligates himself, his heirs, successors, and assignees, as a condition to the Commission's approval of this application, to complete the plugging of the well if and when it is abandoned as a fresh water well, or when, because of the condition of the well is found to constitute a menace to any oil, gas, or fresh water strata in that area, such plugging is ordered by the Commission.</p> <p>Under §89.011, Tex. Nat. Res. Code, the duty to properly plug the well ends only when the well has been properly plugged in accordance with Commission requirements up to the base of usable quality water stratum; the Commission has approved the application to condition the well for usable quality water production operations; and the landowner has registered the well with, or has obtained a permit for the well from, the groundwater conservation district, if applicable.</p> <p>The authority to complete this well in the manner prescribed shall not be construed as authority for any party to produce fresh water from the well.</p>					
CERTIFICATION					
I declare under penalties prescribed in §91.143, Tex. Nat. Res. Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.					
LANDOWNER			OPERATOR		
Date:			Date:		
Signature of Landowner:			Signature of Operator or Authorized Representative:		
Name of Landowner: (type or print)			Name of Person and Title: (type or print)		
Street Address or P. O. Box:			Street Address or P. O. Box:		
City, State, Zip Code:			City, State, Zip Code:		
Telephone ()			Telephone ()		
FILING INSTRUCTIONS					
1. The completed original of this form must be recorded in the county in which the well is located. SEE the back of this form.					
2. Form P-13 showing the recording data, along with the Notice of Intent to Plug and Abandon (Form W-3A) must be filed in the appropriate Commission District Office, along with a copy of the TNRCC/TCEQ Surface Casing MC 151 letter (or other acceptable equivalent letter).					
3. After plugging back the well, the Operator shall file one copy of the Commission-approved Form P-13 with the original and one copy of Form W-3 (Plugging Record), in the appropriate Commission District Office.					
RAILROAD COMMISSION APPROVAL: _____			DATE OF APPROVAL: _____		
(Signature of RRC Representative)					
DISTRIBUTION: The Commission will mail a copy of the approved form to the: (1) Landowner; (2) Operator; (3) Texas Commission on Environmental Quality (TCEQ); (4) Ground Water Conservation District, if applicable; (5) Texas Department of Licensing and Regulation (TDLR); and (5) Commission District Office.					

THE STATE OF TEXAS

COUNTY OF _____

BEFORE ME, the acknowledged authority, on this day personally appeared _____, referred to as landowner in the instrument attached hereto, and being by me duly sworn acknowledged to me that he or she executed said instrument for the purposes and consideration therein expressed.

Notary Public in and for

_____ County, Texas

Recorded this _____ day of _____, _____.

_____ Clerk

FOR USE OF COUNTY CLERK

RECORDING DATA: