



Completions: Do You Know How and When to File?

Sharon Frischen
Miriam Borrego

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COMPLETIONS W-2/G-1

This presentation is a general overview of how to file Completion Reports utilizing the Railroad Commission of Texas Online Completion Filing System.

Navigating to the RRC Applications



<https://www.rrc.texas.gov/>



Content Search

GO



RRC APPLICATIONS

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RRC Hosting Oil & Gas and Pipeline Safety Regulatory Webinars This Summer

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OIL & GAS



PIPELINE SAFETY



ALTERNATIVE FUELS



SURFACE MINING



GAS SERVICES



HEARINGS



LEGAL

Selecting the Online System



RRC Applications

AFOS
Alternative Fuels Online System
More Information on AFOS

CASES
Case Administration Service Electronic System, search and view the agency's case information online, including processed case documents.
More Information on CASES

CERTS
Certification Exam Registration & Training System
Instructions for CERTS

GISviewer
GEOGRAPHICAL INFORMATION SYSTEM VIEWER
View oil, gas and pipeline data in a map view! See what's near you.
More information on GIS Viewer

OIL
ONLINE INSPECTION LOOKUP
Online Inspection Lookup, search for inspection and violation data recorded by RRC of oil and gas leases, wells, facilities, and other sites.
More information on RRC OIL

ONLINE
RRC Online
The RRC Online System allows authorized entities to electronically file certain forms with the Railroad Commission online or through EDI
More information on RRC Online

PIPES
PIPELINE INSPECTION, PERMITTING, & EVALUATION SYSTEM
Pipeline Inspection, Permitting, & Evaluation System
More Information on PIPES

RAMP
RRC ACCESS MANAGEMENT PROCESS
RRC Access Management Process
Manage accounts and access to new RRC applications
More information on RAMP

Log In – Select Completions Application



1

RRC ONLINE SYSTEM

Log In
Log in to access the RRC Online System.

UserID:

Password:

2

RRC ONLINE SYSTEM

[Home](#) [General Help](#) [About](#)

Welcome to the RRC Online System

Main Application

- [Account Administration](#)
- [Production Reports](#)
- [Drilling Permits \(W-1\)](#)
- [Completions](#)
- [Oil Field Clean Up](#)
- [P-4 Change of Gatherer/Purchaser](#)
- [Well Status Report \(G10/W10\)](#)
- [Groundwater \(GW-1\)](#)
- [SWR-13 Exception](#)
- [Well Plugging](#)
- [Disposal/Injection Well Pressure Test \(H-5\)](#)
- [H-9 Certificate of Compliance Statewide Rule 36](#)
- [W15 Cementing Report](#)
- [H-15 Older Inactive Well Test Report](#)

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RRC ONLINE SYSTEM

Oil & Gas Completions

[Completions Home](#) [Completions Menu](#)

Well Completions

Completions Package

- [Filing Completion Package](#)
- [Completions Query](#)

P-8

- [Filing P-8](#)

Directional Survey

- [Directional Survey Query](#)

Internal

- [Hard Copy Packet Edit](#)
- [Internal Workflow](#)

Select Filing Operator



RC ONLINE SYSTEM Choose an Application Go Log Out

Oil & Gas Completions

Completions Home Completions Menu PB Menu Internal Menu Help

Select Filing Operator

Filing operator: Undefined

Search by Operator Number

Operator Number: 000010 Search

Search by Operator Name

Beginning with these characters
 Containing these characters
 Matching these characters exactly

Operator Name: Search

Search Results

000010 - RAILROAD COMMISSION DISTRICT 08

Set Filing Operator

If you are filing as a Consultant/Agent you will need to enter the appropriate Operator information here. If you are filing as an Operator then the online system will automatically select your operator number.

Filing Options



Well Completions

Filing Operator: RAILROAD COMMISSION DISTRICT 08 (000010)

Filing Completion Package

[File a New Completion Packet](#)

[Update Existing Completion Packet](#)

[Select Filing Operator](#)

My Messages **Operator Messages** Recent Notifications

1 - 10 of 373 results

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Tracking No.	User	Operator	Status	Sent By	Current Messages	Response Count
6132	Stasulli, Joseph	QUICKSILVER RESOURCES INC.	Published (01/21/2011)	Thompson, Pamela	Please revise P4 condensate gatherer ID number from #241402 to #241399. ID #241402 is not active; The P4 has been unlocked so that you can make your correction. I can be reached at pamela.thompson@rrc.state.tx.us or 512-463-6741;	0
6133	Stasulli, Joseph	QUICKSILVER RESOURCES INC.	Published (01/21/2011)	Thompson, Pamela	Please revise P4 condensate gatherer (Eclipse)ID #241402 to #241399; The P4 is unlocked so that you can make the correction; I can be reached at pamela.thompson@rrc.state.tx.us or 512-463-6741;	0
6137	Stasulli, Joseph	QUICKSILVER RESOURCES INC.	Published (01/24/2011)	Thompson, Pamela	Please revise P4 condensate gatherer ID #241402 to #241399 (Eclipse Services Inc.); The P4 is unlocked so that you can make the correction; I can be reached at pamela.thompson@rrc.state.tx.us or 512-463-6741;	0
6138	Stasulli, Joseph	QUICKSILVER RESOURCES INC.	Published (01/24/2011)	Thompson, Pamela	Please revise P4 condensate gatherer ID #241402 to #241399 (Eclipse Services Inc.); The P4 is unlocked so that you can make the correction; I can be reached at pamela.thompson@rrc.state.tx.us or 512-463-6741;	0
6312	Stasulli, Joseph	KINDER MORGAN PRODUCTION CO LLC	Published (05/07/2012)	Barnes, Marty	Do you wish this packet to be deleted since it was replaced with packet #93457 Cannot process until you complete certification of W-2 form...	3
6312	Stasulli, Joseph	KINDER MORGAN PRODUCTION CO LLC	Published (05/02/2011)	Barnes, Marty	You will need to certify your form W-12 for us to complete a review of your Completions Packet.	0
6333	Stasulli, Joseph	SONERRA RESOURCES CORPORATION	Published (02/09/2011)	Rodriguez, Mary	Earl, as we discussed, Please correct the acres on the G-1 to match the P-12.	0
6632	Stasulli, Joseph	LOCKOUT CORPORATION	Published (01/28/2011)	Barnard, Pamela	File a Corrected Form L-1 or Log; Form L-1 indicates log attached but log has not been filed.	0
6635	Stasulli, Joseph	CHOLLA PETROLEUM, INC.	Published (02/28/2011)	Garrison, Cathy	If this is a well on an existing lease please enter lease number from now on.	0
6635	Stasulli, Joseph	CHOLLA PETROLEUM, INC.	Published (03/30/2011)	Garrison, Cathy	Is this an existing lease?	0

Identify the Well/Select the Field



Well Completion Package

Filing Operator: RAILROAD COMMISSION DISTRICT 08 (000010)

To create a new Completion Package enter a Drilling Permit number or an American Petroleum Institute (API) Number. This number will be used to list all the Drilling Permits associated with the data entered.

Drilling Permit No.: Or API No.:

Either option may be used but the drilling permit number is recommended.

Filing Operator's Packets that have the status of **Work In Progress** or **Pending Operator Update**. If you wish to update any of the Packets listed below, click on the Completions Menu tab and select the **Update Existing Completion Packets** menu option.

0 results Page: 1 of 1 Page Size: View All

Tracking No.	Drilling Permit No.	API No.	District	Well Type	Completion Type	Well No.	Packet Status
--------------	---------------------	---------	----------	-----------	-----------------	----------	---------------

Wells Found

Filing Operator: RAILROAD COMMISSION DISTRICT 08 (000010)

If the Well you wish to use for this Completion Packet is listed below, click the New Packet button and enter your information. If the Well is not listed, select the Return To Search button to apply a different search criteria.

3 results Page: 1 of 1 Page Size: View All

Drilling Permit/Issued	API No.	Lease Name	Field Name	District	Lease No./Gas ID	Well No.	
745925 / 09-25-2012	17335230	HARDY 18	SPRABERRY (TREND AREA)	08		8	<input type="button" value="New Packet"/>
745925 / 08-14-2012	17335230	HARDY 18	GARDEN CITY, NW (STRAWN)	08		8	<input type="button" value="New Packet"/>
745925 / 08-14-2012	17335230	HARDY 18	SPRABERRY (TREND AREA)	08		8	<input type="button" value="New Packet"/>

Select the field the well was completed in. If the well is downhole commingled you need to select the primary reporting field specified on your approved SWR-10 letter.

Initial Packet Description



Packet Data

Filing Operator: RAILROAD COMMISSION DISTRICT 08 (000010)

Packet Summary Data		Submitted: Online	
Tracking No.:		Status:	Work in Progress (unknown)
Operator Name:	RAILROAD COMMISSION DISTRICT 08 (000010)	Completion or Recompletion Date:	
Field Name:	SPRABERRY (TREND AREA)	Purpose Of Filing:	
Lease Name:	HARDY 1B	County:	GLASSCOCK
RRC District No.:	08	Drilling Permit No.:	745925
RRC Gas ID or Oil Lease No.:		Wellbore Profile:	
Well No.:	B		
API No.:	173-35230		

Step 1 - Packet Data
Step 2 - Completion Data
Step 3 - Complete Additional Forms
Step 4 - Load Attachments
Step 5 - Submit

Initial Potential: This filing is for a well, which is not on schedule and will be assigned a RRC ID/Lease number or is being added to an existing oil lease.

Retest: Producing wells that are retesting. When simply testing your well and not making any physical changes in the well, such as changes in perforations, or openhole or casing records, etc., file your test on a N-10 or G-10. Do not use a W-2 or G-1 completion form.

Reclass: Wells being reclassified to Oil or Gas wells. Existing well on schedule being reclassified to a UIC well. Existing UIC well being reclassified to a Producing or Shut-In well. Examples of UIC wells are Injection, Storage, and Brine Mining.

Well Record Only May apply to one of the following:

- New Drills or Recompletions with no test
- Shut-In Producer waiting on a pipeline connection
- Change of perforations (same zone no test ran)
- Well number changes
- Statewide Rule 10 (non-reporting zone)
- Wellbore work - add tubing, replaced casing, set packer, or any other work procedure that changes the configuration of the wellbore.

Create Packet | Return To Results

Initial Packet Description

Purpose Of Filing:	Initial Potential
Type Of Completion:	New Well
Well Type:	Producing
Wellbore Profile:	DIRECTIONAL
Type of Completion Packet:	Oil / W-2
Horizontal Wellbore Profile Type:	-Select One-

Required Information

Packet Description Options



Purpose Of Filing

Initial Potential

Retest

Reclass Oil to Gas

Reclass Gas to Oil

Reclass Injection to Producing

Reclass Producing to Injection

Well Record Only

PSA/Allocation Completion Type

PSA

Allocation

Not Applicable

Type of Completion

New Well

Deepening

Plug Back

Sidetrack

Re-entry

Other/Recompletion

Type of Completion Packet

Gas / G-1

Oil / W-2

Well Type

Producing

Shut-In Producer

Active UIC

Shut-In UIC

Wellbore Profile

Horizontal

Directional

Vertical

Sidetrack

Verify Packet Data



Packet Data | W-2 | Complete Additional Forms | Load Attachments | Messages | Submit

Packet Data Oil / W-2

Packet Summary Data Tracking No.: 230574 Operator Name: RAILROAD COMMISSION DISTRICT 08 (000010) Field Name: SPRABERRY (TREND AREA) Lease Name: HARDY 18 RRC District No.: 08 RRC Gas ID or Oil Lease No. Well No.: 8 API No.: 173-35230 Field No.: 85280300	Submitted: Online Status: Work in Progress Type Of Completion: New Well Completion or Recompletion Date: Purpose Of Filing: Initial Potential Well Type: Producing County: GLASSCOCK Drilling Permit No: 745925 Wellbore Profile: DIRECTIONAL	Step 1 - Packet Data Step 2 - W-2 Data Step 3 - Complete Additional Forms Step 4 - Load Attachments Step 5 - Submit
--	---	--

Please fill out the necessary packet data below. Use the Save button to save updates at any time. At this point a Packet has been created and a number assigned. The Packet Tracking Number is displayed in the Packet Summary Data above. The Tracking number will be used to track your packet. Please record this information for future references. When the Save button is pressed, the packet will be saved but not submitted for processing. Submitting the Packet for processing is done after all the required data, forms and attachments have been entered for this packet.

Tracking # (points to Tracking No.: 230574)

Current Status (points to Status: Work in Progress)

If packet data corrections are needed select the Change Packet Description button.

Setting the Lease Number



Select Lease

Filing operator: RAILROAD COMMISSION DISTRICT 08 (000010)

Search by Lease Number

Lease No.:

Search by Lease Name

Beginning with these characters
 Containing these characters
 Matching these characters exactly

Lease Name:

Search Results

HARDY 18 - 41707 08

If this well is going onto an existing lease then you should be adding the lease number to the packet data at this time.

Search for Field & Reservoir



Packet Data | [W-2](#) | [Complete Additional Forms](#) | [Load Attachments](#) | [Messages](#) | [Submit](#)

Packet Data Oil / W-2

Packet Summary Data		Submitted: Online	
Tracking No.: 230574	Operator Name: RAILROAD COMMISSION DISTRICT 08 (000010)	Status: Work in Progress	Type Of Completion: New Well
Field Name: SPRABERRY (TREND AREA)	Lease Name: HARDY 18	Completion or Recompletion Date:	Purpose Of Filing: Initial Potential
RRC District No.: 08	RRC Gas ID or Oil Lease No.: 41707	Well Type: Producing	County: GLASSCOCK
Well No.: 8	API No.: 173-35230	Drilling Permit No: 745925	Wellbore Profile: DIRECTIONAL
Field No.: 85280300			

[Back](#)

3 results Page: 1 of 1 Page Size: [View All](#)

Drilling Permit No.	Lease Name	Field Name	Field No.	Lease No./Gas ID	Well No.	District	
745925	HARDY 18	SPRABERRY (TREND AREA)	85280300	41707	8	08	Select
745925	HARDY 18	GARDEN CITY, NW (STRAWN)	33997700		8	08	Select
745925	HARDY 18	SPRABERRY (TREND AREA)	85280300	41707	8	08	Select

[Back](#)

Always use the Search for Field & Reservoir button instead of manually keying the workover information. This will automatically fill in the workover information with the correct field number, well number etc.

Packet Data Successfully Saved



(Cmpl_1191) The current page has been saved.

Packet Data [W-2](#) [Complete Additional Forms](#) [Load Attachments](#) [Messages](#) [Submit](#)

Packet Data Oil / W-2

Packet Summary Data

Tracking No.: 230574
Operator Name: RAILROAD COMMISSION DISTRICT 08 (000010)
Field Name: SPRABERRY (TREND AREA)
Lease Name: HARDY 18
RRC District No.: 08
RRC Gas ID or Oil Lease No.: 41707
Well No.: 8
API No.: 173-35230 
Field No.: 85280300

Submitted: Online
Status: Work in Progress
Type Of Completion: New Well
Completion or Recompletion Date: 12/14/2012
Purpose Of Filing: Initial Potential
Well Type: Producing
County: GLASSCOCK
Drilling Permit No: 745925
Wellbore Profile: DIRECTIONAL

[Change Packet Description](#)

Please fill out the necessary packet data below. Use the Save button to save updates at any time. At this point a Packet has been created and a number assigned. The Packet Tracking Number is displayed in the Packet Summary Data above. The Tracking number will be used to track your packet. Please record this information for future references. When the Save button is pressed, the packet will be saved but not submitted for processing. Submitting the Packet for processing is done after all the required data, forms and attachments have been entered for this packet.

[Refresh](#) [Save](#)

- Step 1 - Packet Data
- Step 2 - W-2 Data
- Step 3 - Complete Additional Forms
- Step 4 - Load Attachments
- Step 5 - Submit

Well Data

Field Name: SPRABERRY (TREND AREA) Well No.: 8
Lease Name: HARDY 18 Well Latitude: 31.85250
County of Well Site: GLASSCOCK Well Longitude: -101.46028
RRC District No.: 08 Lat/Long Type: NAD 27
RRC Gas ID or Oil Lease No.: 41707 [Search Lease](#) Lat/Long Other:
This well is located: 1.4 miles in a: SOUTHEAST direction from: GARDEN CITY, which is the nearest town in the county.
Date of first production after rig released: 12/14/2012 MM/DD/YYYY - If the well is not completed, use the date the rig was released.
Spud Date: 09/12/2012 MM/DD/YYYY
Type of Electric or other Log Run: Neutron/Density logs (combo of tools)

Well Data



Edit Save

Well Data

Field Name: SPRABERRY (TREND AREA)

Lease Name: XBC GIDDINGS ESTATE

Well No.: 1402H

County of Well Site: UPTON

RRC District No.: 7C

RRC Gas ID or Oil Lease No.: 16349

Date of first production after rig released: 06/15/2019

Spud Date: 01/25/2019

Type of Electric or other Log Run: Acceptable cased hole logs

Electric Log Other Description:

Drill, Plug Back, or Deepen Permit No.: 846387

Fluid Injection Permit No.: F-

O&G Waste Disposal Permit No.:

Other Permit No.:

Other Description:

This well is located: 19.9 miles in a: N direction from: RANKIN , which is the nearest town in the county.

Location/Survey: THROCKMORTON CSL

Survey Section: 1

Well Location GPS Coordinates - Datum: NAD 27

X: 1495207.44 Y: 674274.91 State Plane Zone: Central

Well location from Two Perpendicular Survey Lines: 6906.0 feet from the NORTH line and 2685.0 feet from the EAST line.

Rule 3.16
Completion Reports are due 90
days after completion of well.

REQUIRED FIELDS

Date: 11/01/2018

Date:

Date:

Date:

Survey Block:

Survey Abstract: 542

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							

Form W-2 Page 1 (Potential Test Data)



Page 1

Potential Test Data

Date of Test: 07/10/2019

Hours Tested: 24

Production Method: Pumping

Choke Size:

If Pumping, Pump Size: 4

Pump Type: ESP

Was swab used during this test?: No Yes

Oil Produced Prior to Test: 16254.0 BBL

Injection Gas/Oil Ratio: CF/BBL

Remarks:

Production During Test Period

Oil: 1103.0 BBL

Gas: 1496 MCF

Water: 1864 BBL

Flowing Tubing Pressure: PSIG

Gas - Oil Ratio: 1356 MCF/BBL x 1000

Calculated 24 Hour Rate

Oil: 1103.0 BBL

Gas: 1496 MCF

Water: 1864 BBL

Oil Gravity: 42.3 API-60°F

Casing Pressure: PSIG

Page 1

Form G-1 Page 1 (Test Data)



Test Data

Date of Test: MM/DD/YYYY

Gas Measurement Method:

- Orifice Meter
- Flange Taps
- Positive Choke
- Orifice Vent Meter
- Pipe Taps
- Pitot Tube
- Critical-flow Prover
- Mass Flow Meter
- Other

Gas Produced during Test: MCF

In gas a "single run" or "one point test" lasts 72 hours and the completion date and test should be at least 3 days apart.

Gas Measurement Data

Run No.	Line Size	Orif. or Choke Size	24Hr. Coeff. Orif. or Choke	Static Pm or Choke Press.	Diff hw	Flow Temp. deg. F.	Temp. Factor Ftf	Grav. Factor Fg	Comp. Factor Fpv	Volume MCF/DAY	
1	3.068	1.5	14734.79	1134.16	43.06	148.0	0.9247	0.921	1.076	2984.0	Clear

Add Additional Run

Remarks:

Field Data and Pressure Calculations

Dry Gas Well: No Yes

Gravity (Dry Gas):

Gravity Liquid Hydrocarbon: Deg. API

Gas-Liquid Hydro Ratio: CF/Bbl

Gravity of Mixture (Gmix):

Avg. Shut-in Temp.: °F

Bottom hole Temp.: °F

Bottom hole Depth.: ft.

Was the well preflowed for 48 hours: No Yes

Run No.	Time of Run Min.	Choke Size	Wellhead Press. Pw PSIA	Wellhead Flow Temp. deg. F.	
SHUT-IN	1440	0	3683	49.0	Clear
1	4320	34/64	4350	148.0	Clear
2					Clear
3					Clear

Add Additional Run

Page 2 (Completion Data)



If New Well Filing, (Unperf), use Spud and Rig Release Date.

1 Page 2 3 4 5 6 Save Edit

Data on Well Completion and Log 1

PSA/Allocation Completion Type **Drilling Permit value:**
Number of Producing Wells on this lease in this field (reservoir) including this well: 132
Total number of acres on this lease: 17433.41
Total number of acres on this lease; **Drilling Permit value:** 17433.41
Date Plug Back, Deepening, Recompletion, or Drilling Operations Commenced: 01/25/2019
Off-Lease (Surface Location); **Drilling Permit value:** No
Location of well, relative to nearest lease boundaries of lease on which this well is located: 2685.0 Feet from the East Line and 6906.0 Feet from the North Line of the Lease.
Location of well, relative to nearest lease boundaries of lease on which this well is located; **Drilling Permit value:** 6906.0 feet from the NORTH line and 2685.0 feet from the EAST line.
Distance to nearest well in this lease & reservoir: **276.0 feet**
Distance to nearest well in this lease & reservoir; **Drilling Permit value:** 272.0 feet
Elevation: 2788 feet
Vertical Depth: 8282 feet
Total Vertical Depth, **Drilling Permit value:** 10715 feet
Plug Back Depth - TVD: feet
Elevation Code: RKB
Measured Depth: 16431 feet
Plug Back Depth - MD: feet

Ended: 02/21/2019
 Off-Lease
East Line and North Line of the Lease.

Lease lines need to match permit exactly.

1 Page 2 3 4 5 6 Save Edit

Page 2 (Drilling Operations)



1 Page 2 3 4 5 6 Save Edit

Data on Well Completion and Log I

PSA/Allocation Completion Type **Drilling Permit value:** Allocation
Number of Producing Wells on this lease in this field (reservoir) including this well: 0
Total number of acres on this lease: 989.2
Total number of acres on this lease; **Drilling Permit value:** 989.2
Date Plug Back, Deepening, Recompletion, or Drilling Operations Commenced: 04/16/2024 ← → Ended: 07/07/2024

Casing Cementing Data	
Type of casing: Surface	Cementing Date : 04/17/2024

Casing Cementing Data	
Type of casing: Intermediate	Cementing Date : 06/26/2024

Casing Cementing Data	
Type of casing: Liner	Cementing Date : 06/28/2024

Casing Cementing Data	
Type of casing: Production	Cementing Date : 07/07/2024

Rule 3.16
Completion Reports are due within 150 days after drilling operation is completed.



1 2 Page 3 4 5 6 Save Edit

Data on Well Completion and Log II

GAU Groundwater Protection Determination Depth: 425.0

GAU Groundwater Protection Determination Date: 11/06/2018

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

GAU Groundwater Protection Determination

SWR 13 Exception

Depth: 1500.0

Purpose: New Production Well

Location: Survey-THROCKMORTON CSL; Abstract-542; Section-1; League-1

GAU LETTER

To protect usable-quality groundwater at this location, the Groundwater Advisory Unit of the Railroad Commission of Texas recommends:

The base of usable-quality water-bearing strata is estimated to occur at a depth of 425 feet at the site of the referenced well.

SWR13 EXC

d. The casing and cement program shall adhere to the following specifications:

Set 1500 feet of surface casing and circulate cement from the shoe to the ground surface.



Data on Well Completion and Log II

GAU Groundwater Protection Determination Depth: 425.0

GAU Groundwater Protection Determination Date: 11/06/2018

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

- GAU Groundwater Protection Determination
- SWR 13 Exception

Depth: 1500.0

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

Rotation Time Within Surface Casing: 34.25 (Hours)

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

Is Well multiple completion?: No Yes

Rule 13(b)
(I) Mechanical Integrity Test of surface casing after drill out.
(i) If the surface casing is exposed to more than 360 rotating hours after reaching total depth or the depth of the next casing string.

SHOULD NOT EXCEED 360 HOURS

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	THIS SECTION NOT FOR WORKOVER OR DOWNHOLE COMMINGLED WELLS.			

Page 4 (Casing, Liner & Tubing)



If MStool was set, show setting depth in this column.

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
1	Surface	14 3/4	10 3/4	2509			C	1500	2904.5	0	Circulated to Surface
2	Intermediate	9 7/8	7 5/8	10232	2566		C	1285	2957.3	0	Circulated to Surface
3	Intermediate	9 7/8	7 5/8	10232			C	645	1169.85	2566	Circulated to Surface
4	Conventional Production	6 3/4	5 1/2	20499			C	1515	2264.0	0	Circulated to Surface

RRC GAU recommended base of usable quality groundwater (BUQW): 400.0 feet

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

Depth can be found on GAU letter.

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	Washout Factor	Calculated TOC
1										20.0	0.0

Tubing Record

Row	Tubing Size (inches & fractions)	Depth Set (ft.)	Packer Depth (ft.)	Packer Type
1				

Does this well currently have tubing set?: No Yes

If NO, Explain in Remarks.

Remarks:

Per SWR 13(b)(S): All flowing oil wells must have tubing set unless an extension is granted by field rules. If question is answered NO, provide explanation. No explanation, no allowable.

Page 4 (Tapered Casing)



Tapered Casing – Crossover depth in 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
1	Surface	20	16	996			A	985	1516.0	0
2	Intermediate	12 1/4	7 5/8	9957			H	2175	4091.0	500
3	Tapered Production	6 3/4	5 1/2	10074			H	1240	1750.9	5200
4	Tapered Production	6 3/4	5	21328			H	1240	1750.9	5200

RRC GAU recommended base of usable quality groundwater (BUQW): 325.0 feet

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

Remarks: Remarks not required.

Tapered Hole – Enter as one line showing largest hole size. Remarks should show depth hole size tapered.

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
1	Surface	17 1/2	13 3/8	499			C	520	696.8	0
2	Intermediate	12 1/4	9 5/8	8703			C	940	2333.0	6100
3	Intermediate	12 1/4	9 5/8	8703	5250		C	1710	4184.0	340
4	Conventional Production	8 3/4	5 1/2	15556			C	2290	5193.0	0

RRC GAU recommended base of usable quality groundwater (BUQW): 450.0 feet

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

Remarks:



District preference –

- Order of Casing – visually easier to determine cement void
 - Per SWR-13, Operator must indicate Top of Cement (TOC).

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
1	Surface	17 1/2	13 3/8	593			C	605	810.0	0
2	Intermediate	12 1/4	9 5/8	8473	5350		C	1364	3105.0	250
3	Intermediate	12 1/4	9 5/8	8473			H, C	629	1255.0	5350
4	Conventional Production	8 1/2	5 1/2	18687			C	2345	3554.0	0

If Multi-Stage Tool (MST) did not open, include tool depth in Casing Record:

- Combine cement sacks, including if perforated & squeezed, into **one line only**.
- Add Remark “MST did not open”.
- Important to show depth of MST as it might affect future plugging procedure; 100’ plug will have to be placed across tool.



Liner with Cement:

- W-15 will be attached to completion.

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
1	7	8 3/4	10492	10504	H	310	420.67	7832

Liner without Cement:

- Will **not** have W-15 attached to completion.
- Add Remark showing how liner was secured.

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
1	3 1/2	6 1/8	3106	7216	N/A- NO CEMENT PUMPED			



Does this well currently have tubing set? Yes

Tubing Record				
Row	Tubing Size (inches & fractions)	Depth Set (ft.)	Packer Depth (ft.)	Packer Type
1	2 7/8	7900		

Does this well currently have tubing set?: No Yes

If NO, Explain in Remarks.

Remarks:

SWR 13 Exception for Tubing Record? (Attach approval)

Does this well currently have tubing set? No

- Explanation is required.

Tubing Record				
Row	Tubing Size (inches & fractions)	Depth Set (ft.)	Packer Depth (ft.)	Packer Type
1				

Does this well currently have tubing set?: No Yes

If NO, Explain in Remarks.

Remarks:

SWR 13 Exception for Tubing Record? (Attach approval)



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	8761	16383	Horizontal	Lateral 1	<input 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	8761.0	16383.0	SEE FRAC FOCUS	Fracture

Remarks:

FORMATION RECORD (List depths of Principal Geological Markers and Formation Tops, including, but not limited to, all permitted Disposal/Injection formations within 1/4 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	YATES	<input checked="" type="checkbox"/>	2503.8	2525.0	<input checked="" type="checkbox"/>	
2	GRAYBURG	<input checked="" type="checkbox"/>	4294.9	4359.1	<input checked="" type="checkbox"/>	
3	SAN ANDRES - SALTWATER FLOW	<input checked="" type="checkbox"/>	4524.2	4593.2	<input checked="" type="checkbox"/>	
4	SPRABERRY	<input checked="" type="checkbox"/>	7382.4	7471.2	<input checked="" type="checkbox"/>	
5	WOLFCAMP	<input type="checkbox"/>			<input type="checkbox"/>	WELL IS NOT DEEP ENOUGH
6	STRAWN	<input type="checkbox"/>			<input type="checkbox"/>	WELL IS NOT DEEP ENOUGH
7	DEVONIAN	<input type="checkbox"/>			<input type="checkbox"/>	WELL IS NOT DEEP ENOUGH
8	FUSSELMAN	<input type="checkbox"/>			<input type="checkbox"/>	WELL IS NOT DEEP ENOUGH
9	ELLENBURGER	<input type="checkbox"/>			<input type="checkbox"/>	WELL IS NOT DEEP ENOUGH

Data on Well Completion and Log I

KOP ~ 7765', DIGITAL WELL LOG # 18323 SUBMITTED ON 6.25.19. W-2 WRD TRACKING # 216455 SUBMITTED ON 7.23.19.

Remarks:

Page 5 Open Hole or Unsuccessful



• If Open Hole completion...

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	4245	4570	Vertical		<input type="checkbox"/>
2	5720	5735	Vertical		<input checked="" type="checkbox"/>

Remarks: 5720' - 5735' IS A SMALL NON PRODUCTIVE SECTION OF OH.

- List all perforations currently open.
- Select Open Hole.
- Select appropriate label, Bottom Hole or Lateral.

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

Depth Interval	From (feet)	To (feet)	Amount and Kind of Material Used	Process
1	4402.0	4570.0	5100 GAL 15% TAS, 2500 LB ROCK SALT	Acid

Remarks:

• If initial completion unsuccessful, show how interval isolated...

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					<input 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	4440.0	4583.0	CICR AT 4583; PUMPED 45 SKS CLASS C CEMENT. TAGGED TOP AT 4440	Retainer

Remarks:

1938 Well – J.H. King (7C-00871) Lease



Form 15

24669

RAILROAD COMMISSION OF TEXAS
AUSTIN, TEXAS

APPLICATION TO SHOOT OR TREAT WITH ACID
and
STATEMENT OF THE CONDITION OF THE WELL BEFORE SHOOTING
REQUIRED BY THE RAILROAD COMMISSION'S RULES

Name of owner or operator Sindorf & Stone (formerly - yad leith) Date of application October 5, 1938.

FORM 16

24669

Railroad Commission of Texas
AUSTIN, TEXAS

STATEMENT OF THE CONDITION OF THE WELL AFTER SHOOTING
REQUIRED BY RULES AND REGULATIONS OF THE RAILROAD COMMISSION

Name of owner or operator Sindorf & Stone

Name of torpedo company or shooter Halliburton Oil Well Cementing Company

Remarks:

RECEIVED
AUSTIN
OCT 9 1938
OIL AND GAS DIVISION

RECEIVED
SAN ANGELO
OCT 19 1938
OIL & GAS DIVISION



Row	Principle Markers and Formation Tops	Encountered	Depth - TVD (feet)
1	RED BLUFF	<input type="checkbox"/>	
2	DELAWARE	<input checked="" type="checkbox"/>	5071.0
3	BELL CANYON	<input checked="" type="checkbox"/>	5071.0
4	CHERRY CANYON	<input checked="" type="checkbox"/>	6030.0
5	BRUSHY CANYON	<input checked="" type="checkbox"/>	7329.0
6	BONE SPRING	<input checked="" type="checkbox"/>	8866.0
7	WOLFCAMP	<input checked="" type="checkbox"/>	11899.0
8	PENNSYLVANIAN	<input type="checkbox"/>	
9	STRAWN	<input type="checkbox"/>	
10	ATOKA - HIGH PRESSURE	<input type="checkbox"/>	
11	MORROW	<input type="checkbox"/>	
12	DEVONIAN	<input type="checkbox"/>	
13	FUSSELMAN	<input type="checkbox"/>	
14	ELLENBURGER	<input type="checkbox"/>	
15	PRECAMBRIAN (UNDIFFERENTIATED)	<input type="checkbox"/>	

When to mark “encountered” in the formation record section?

- The “encountered checkbox must be marked if the formation/zone was penetrated by this wellbore.
- If “encountered” is marked, the operator must enter a depth.
- If the formation/zone was penetrated but not logged, the operator is expected to give a reasonable estimate based on existing available information. Please specify in remarks if the depth is an estimate.
- If “encountered is not marked, the operator must explain in remarks as to why the formation/zone was not encountered (e.g., pinched-out, well is not deep enough, etc.).

Page 5 *When to mark “isolated?”

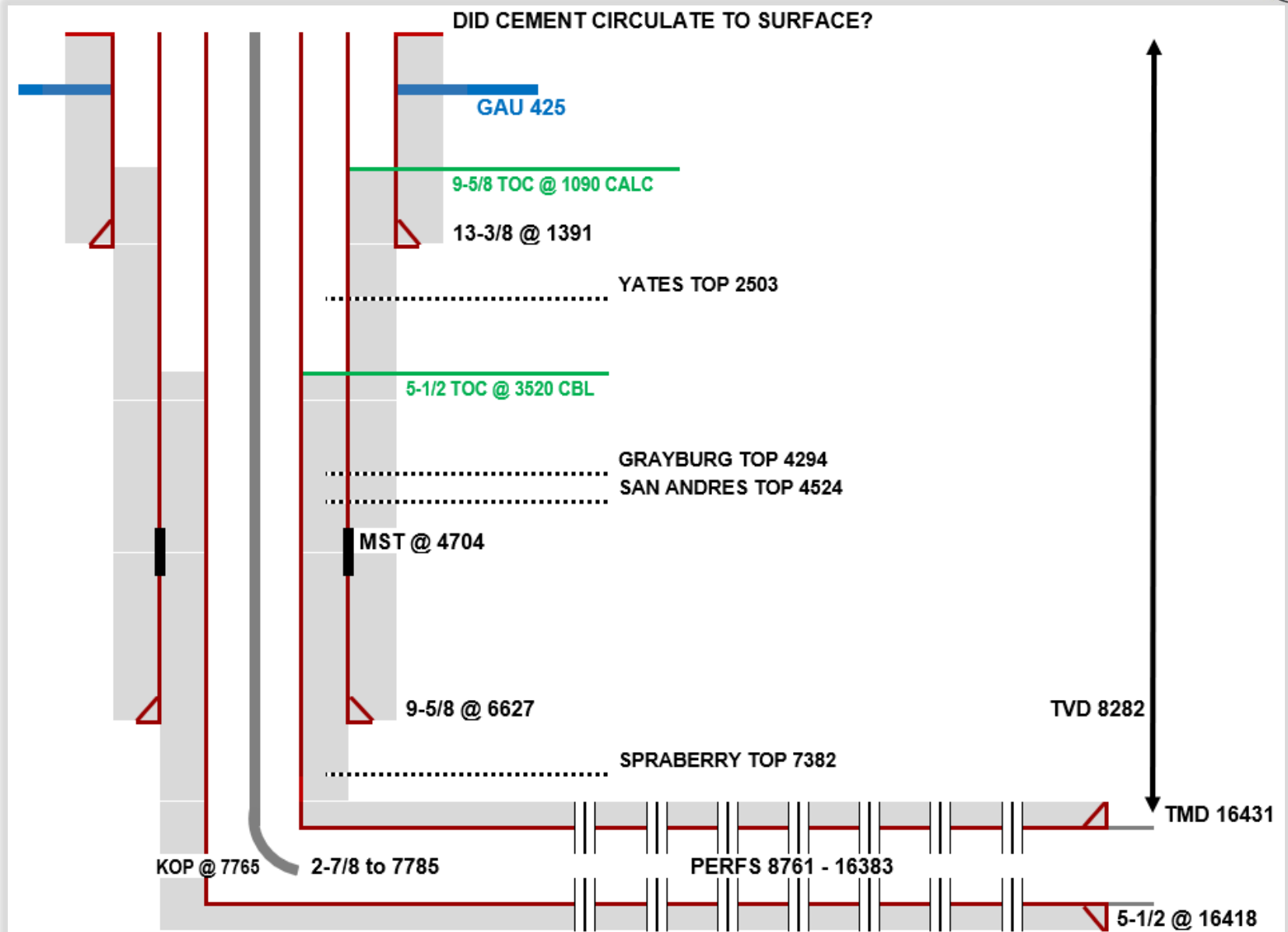


Row	Principle Markers and Formation Tops	Depth - MD (feet)	Isolated	Remarks
1	RED BLUFF		<input type="checkbox"/>	NOT GEOLOGICALLY PRESENT
2	DELAWARE	5071.0	<input checked="" type="checkbox"/>	SAME AS TOP OF BELL CANYON
3	BELL CANYON	5071.0	<input checked="" type="checkbox"/>	
4	CHERRY CANYON	6030.0	<input checked="" type="checkbox"/>	
5	BRUSHY CANYON	7329.0	<input checked="" type="checkbox"/>	
6	BONE SPRING	8866.0	<input checked="" type="checkbox"/>	3RD BONE SPRING @ 11,368' MD
7	WOLFCAMP	11946.0	<input checked="" type="checkbox"/>	TARGET
8	PENNSYLVANIAN		<input type="checkbox"/>	BELOW TD
9	STRAWN		<input type="checkbox"/>	BELOW TD
10	ATOKA - HIGH PRESSURE		<input type="checkbox"/>	BELOW TD
11	MORROW		<input type="checkbox"/>	BELOW TD
12	DEVONIAN		<input type="checkbox"/>	BELOW TD
13	FUSSELMAN		<input type="checkbox"/>	BELOW TD
14	ELLENBURGER		<input type="checkbox"/>	BELOW TD
15	PRECAMBRIAN (UNDIFFERENTIATED)		<input type="checkbox"/>	BELOW TD

When to mark “isolated” in the formation record section?

- “Isolated” means that the formation/zone has been isolated by cemented casing pursuant to SWR 13(a)(4)(C), (b)(2)(A), and (b)(3)(B).
- If the formation/zone was encountered by the wellbore, the operator must indicate whether that formation/zone was isolated by cemented casing pursuant to these requirements of SWR 13.
- If the formation/zone is part of the completion interval, and is adequately confined by cemented casing, **do mark isolated.**
- If the formation/zone was not encountered, the “isolated” checkbox will not be applicable.
- If the formation/zone was encountered but is not isolated by cemented casing, do not mark isolated. In this case, the operator must explain in the remarks as to why the formation/zone was not isolated.

Page 4 & 5 (Wellbore Diagram)



Page 6 (Hydraulic Fracturing)



1 2 3 4 5 Page 6 Edit Certify

Hydraulic Fracturing

Pursuant to Statewide Rule 29 and Natural Resources Code Section 91.851, certain information regarding chemicals used in hydraulic fracturing treatments must be reported to a centralized national database known as FracFocus (<http://www.fracfocus.org>). The required information must be uploaded to the FracFocus registry not later than 15 days after the final stage of the hydraulic fracturing treatment is completed.

If you have performed a hydraulic fracturing treatment but have not yet reported it to the FracFocus registry, you may proceed with filing your completion reports but an allowable may not be assigned for your well until the required information has been reported. This may also result in denial of any P-8 requests to move oil prior to processing of your completion reports.

Information on how to submit your report to FracFocus (including a link to an instructional webinar) may be found on the FracFocus website at <http://www.fracfocus.org>. For more information, please see Statewide Rule 29.

Was Hydraulic Fracturing treatment performed?: No Yes

Has the Hydraulic Fracturing Fluid Disclosure been reported to FracFocus Disclosure Registry (SWR 29)?: No Yes

**If 'Yes',
reported to
Frac Focus.**

CAS Number Enter a CAS Number	API Well Number 4210934169	Ingredients Select An Ingredient
<input type="button" value="Search Jobs"/>		<input type="button" value="Reset"/>
1 job(s)		
Panda Unit 805H		<input type="button" value="Disclosure(s)"/>
Operated by COG Operating LLC		
API 42109341690000	State Texas	County Culberson
Job End Date October 12th 2024		



Is well equipped with a downhole actuation sleeve?

If **yes**, production casing test pressure must be $\geq 80\%$ of the actuation pressure.

Was Hydraulic Fracturing treatment performed?: No Yes

Has the Hydraulic Fracturing Fluid Disclosure been reported to FracFocus Disclosure Registry (SWR 29)?: No Yes

Is well equipped with a downhole actuation sleeve? (if yes, provide actuation pressure (PSIG)): No Yes

Actuation Pressure (PSIG): 7780.0

Production casing test performance (PSIG) prior to hydraulic fracturing treatment: 6540

Actual maximum pressure (PSIG) during hydraulic fracturing: 7958

84%



Is well equipped with a downhole actuation sleeve?

If **no** downhole actuation sleeve, Actual Maximum Pressure should be less than or equal to Production Casing Test Performance.

Was Hydraulic Fracturing treatment performed?: No Yes

Has the Hydraulic Fracturing Fluid Disclosure been reported to FracFocus Disclosure Registry (SWR 29)?: No Yes

Is well equipped with a downhole actuation sleeve? (if yes, provide actuation pressure (PSIG)):

No Yes

Actuation Pressure (PSIG):

Production casing test performance (PSIG) prior to hydraulic fracturing treatment: 9500

$7065 \leq 9500$

Actual maximum pressure (PSIG) during hydraulic fracturing: 7065

Page 6 (Certification)



Do the producing intervals of this well produce H₂S with a concentration in excess of 100 ppm? (SWR 36): No Yes

Is this completion being down-holed commingled (SWR 10)?: No Yes

Is this lease part of a pooled unit?: No Yes

*** If the approval SWR 10 is pending, place a remark on page 5 indicating the submitted date of the SWR 10 application.**

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

1 2 3 4 5 Page 6 Edit Certify

Complete Additional Forms



Note any black warnings . You might need to attach further documentation or add remarks to the W-2.

- (Cmpl_1242) The Packet agrees with the Drilling Permit (Total Depth, Density, and Field).
- (Cmpl_1200) Page 2 - Warning: Proration, number of producing wells is different than the value on the Drilling Permit.
- (Cmpl_1485) Internal: Directional survey was made was set to yes.
- (Cmpl_1587) This Completion is down-holed commingled, attach a copy of SWR 10 approval letter to this completion.
- (Cmpl_1269) Page 3, GAU Groundwater Protection Determination letter will need to be attached to this Packet.
- (Cmpl_1191) The current page has been saved.

Packet Data W-2 Complete Additional Forms Load Attachments Messages Submit

Add Additional Forms

Packet Summary Data

Tracking No.: 230574

Operator Name: RAILROAD COMMISSION DISTRICT 08 (000010)

Field Name: SPRABERRY (TREND AREA)

Lease Name: HARDY 18

RRC District No.: 08

RRC Gas ID or Oil Lease No.: 41707

Well No.: 8

API No.: 173-35230

Field No.: 85280308

Submitted: Online

Status: Work in Progress

Type Of Completion: New Well

Completion or Recompletion Date: 12/14/2012

Purpose Of Filing: Initial Potential

Well Type: Producing

County: GLASSCOCK

Drilling Permit No: 745925

Wellbore Profile: DIRECTIONAL

Step 1 - Packet Data

Step 2 - W-2 Data

Step 3 - Complete Additional Forms

Step 4 - Load Attachments

Step 5 - Submit

Some required forms may be optional based on previous filings for this wellbore.

Additional Forms

Form Name	Required	Link	Print
Work in Progress	Required	Completion Packet data	
Certified	Required	W-2 Oil Well Potential Test, Completion or Recompletion Report, and Log	Print
None Created	Optional	L-1 Electric Log Status Report	Print
None Created	Optional	P-4 Certificate of Compliance and Transportation Authority	Print
None Created	Optional	P-15 Statement of Productivity of Acreage	Print
None Created	Optional	W-12 Inclination Report	

Attachments

None Attached	Required	W-15 Cementing Report
None Attached	Required	L-1 Electric Log Header
None Attached	Required	Groundwater Advisory Unit Letter
None Attached	Optional	P-12 Certificate of Pooling Authority
None Attached	Optional	Plat/Survey
None Attached	Optional	W-4 Application for Multiple Completion
None Attached	Optional	W-4A Sketch of Multiple Completion
None Attached	Optional	W-5 Packer Setting Report
None Attached	Optional	W-6 Communication/Packer Leakage Test
None Attached	Optional	W-7 Bottom-hole Pressure Report
None Attached	Optional	W-12 Record of Inclination
None Attached	Optional	Circular Graph
None Attached	Optional	Wellbore Schematic
None Attached	Optional	Proration Acreage List
None Attached	Optional	SWR 5 Letter
None Attached	Optional	SWR 13 Letter
None Attached	Optional	Hardcopy Form
None Attached	Optional	Sharing Agreement
None Attached	Optional	SWR 10 Letter
None Attached	Optional	H-9 Hydrogen Sulfide Compliance (SWR 36)
None Attached	Optional	Any other miscellaneous attachment.

Print All Forms

L-1 (Electric Log Status Report)



Packet Data | W-2 | Complete Additional Forms | Load Attachments | Messages | Submit

L-1 Electric Log Status Report

Packet Summary Data Tracking No.: 230574 Operator Name: RAILROAD COMMISSION DISTRICT 08 (000010) Field Name: SPRABERRY (TREND AREA) Lease Name: HARDY 1B RRC District No.: 08 RRC Gas ID or Oil Lease No.: 41707 Well No.: 8 API No.: 173-35230 Field No.: 85280300	Submitted: Online Status: Work in Progress Type Of Completion: New Well Completion or Recompletion Date: 12/14/2012 Purpose Of Filing: Initial Potential Well Type: Producing County: GLASSCOCK Drilling Permit No: 745925 Wellbore Profile: DIRECTIONAL	Step 1 - Packet Data Step 2 - W-2 Data Step 3 - Complete Additional Forms Step 4 - Load Attachments Step 5 - Submit
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Refresh Edit Certify

Authorization

Basic Electric Log Not Run
 Basic Electric Log Run

- Confidentiality is requested and a copy of the header for each log that has been run on the well is attached.
- Confidentiality already granted on basic electric log covering this interval (applicable to deepened wells only).
- Basic electric log covering this interval already on file with Commission (applicable to deepened wells only).
- Log attached to (select one)
 - (a) Form L-1 (this form). If the company lease name on log is different from that shown in the Packet Summary
[Text Input Field]

Check here if attached log is being submitted after being held confidential

- (b) Form P-7, Application for Discovery Allowable and New Field Designation.
- (c) Form W-4, Application for Multiple Completion: lease or ID no.(s)

Lease or ID No.(s): [Text Input Field]
Well No.(s): [Text Input Field]

Certification

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.

I Accept?: No Yes

Refresh Edit Certify

If "Confidentiality" is selected, you will need to attach a log header. If you select "Log Attached," the log will need to be uploaded to the Digital Well Log Submission system.

P-4 (Cert. of Comp. & Trans. Authority)



[Packet Data](#) | [W-2](#) | [Complete Additional Forms](#) | [Load Attachments](#) | [Messages](#) | [Submit](#)

P-4 Certificate of Compliance and Transportation Authority

Packet Summary Data

Tracking No.: 230574
 Operator Name: RAILROAD COMMISSION DISTRICT 08 (000010)
 Field Name: SPRABERRY (TREND AREA)
 Lease Name: HARDY 18
 RRC District No.: 08
 RRC Gas ID or Oil Lease No.: 41707
 Well No.: 0
 API No.: 173-35230
 Field No.: 85280300

Submitted: Online
 Status: **Work in Progress**
 Type Of Completion: **New Well**
 Completion or Recompletion Date: **12/14/2012**
 Purpose Of Filing: **Initial Potential**
 Well Type: **Producing**
 County: **GLASSCOCK**
 Drilling Permit No: **745925**
 Wellbore Profile: **DIRECTIONAL**

Step 1 - Packet Data

Step 2 - W-2 Data

Step 3 - Complete Additional Forms

Step 4 - Load Attachments

Step 5 - Submit

* Only initial new lease P-4's may be filed online. All other P-4 changes must be filed via hardcopy at this time.

Well Information

Is this well temporarily abandoned/shut-in?: No Yes

Is this an un-perforated well (not completed)?: No Yes

Is this a service well?: No Yes

Required

Authorized GAS WELL or CASINGHEAD GAS Gatherer(s) and/or Purchaser(s)

Row	Gatherer	Purchaser	Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s)	Purchaser's RRC Assigned System Code	Percent of Take	Full-well Stream	Number of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s)	Product Code
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="Search"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text" value="Clear"/>	
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="Search"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text" value="Clear"/>	
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="Search"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text" value="Clear"/>	

Authorized OIL or CONDENSATE Gatherer(s)

Row	Name of OIL or CONDENSATE Gatherer(s)	Percent of Take	Operator Number	Product Code
1	<input type="text" value="Search"/>	<input type="text"/>	<input type="text" value="Clear"/>	
2	<input type="text" value="Search"/>	<input type="text"/>	<input type="text" value="Clear"/>	
3	<input type="text" value="Search"/>	<input type="text"/>	<input type="text" value="Clear"/>	

P-4 (Searching for Gatherers & Purchasers)



Select Operator

Filing operator: RAILROAD COMMISSION DISTRICT 08 (000010)

Search by Operator Number

Operator No.: Search

Search by Operator Name

Beginning with these characters
 Containing these characters
 Matching these characters exactly

Operator Name: atlas p Search

Search Results

ATLAS POWER EQUIPMENT, LLC(036558)
ATLAS POWER INC.(036575)
ATLAS POWER INC & REISS PET. INC(036577)
ATLAS PETRO LTD. L.C.(036579)
ATLAS PROCESSING COMPANY(036580)
ATLAS PIPELINE MID-CONTINENT LLC(036584)
ATLAS PL MID-CONT. WESTTEX, LLC(036586)

Select Operator Back

Certifying & Saving the P-4



Packet Data | W-2 | **Complete Additional Forms** | Load Attachments | Messages | Submit

P-4 Certificate of Compliance and Transportation Authority

Packet Summary Data

Tracking No.: 230574
 Operator Name: **RAILROAD COMMISSION DISTRICT 08 (000010)**
 Field Name: **SPRABERRY (TREND AREA)**
 Lease Name: **HARDY 18**
 RRC District No.: 08
 RRC Gas ID or Oil Lease No.: 41707
 Well No.: 8
 API No.: 173-35230
 Field No.: 85280300

Submitted: Online
 Status: **Work in Progress**
 Type Of Completion: **New Well**
 Completion or Recompletion Date: **12/14/2012**
 Purpose Of Filing: **Initial Potential**
 Well Type: **Producing**
 County: **GLASSCOCK**
 Drilling Permit No: **745925**
 Wellbore Profile: **DIRECTIONAL**

Well Information

Is this well temporarily abandoned/shut-in?: No Yes
 Is this an un-perforated well (not completed)?: No Yes
 Is this a service well?: No Yes

Authorized GAS WELL or CASINGHEAD GAS Gatherer(s) and/or Purchaser(s)

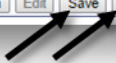
Row	Gatherer	Purchaser	Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s)	Purchaser's RRC Assigned System Code	Percent of Take	Full-well Stream	Number of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s)	Product Code
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ATLAS PL MID-CONT. WESTTEX, LLC(036586) <input type="button" value="Search"/>	0001 <input type="button" value="Search"/>	100.0	<input type="checkbox"/>	<input type="button" value="Clear"/>	
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="Search"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="button" value="Clear"/>	
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="button" value="Search"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="button" value="Clear"/>	

Authorized OIL or CONDENSATE Gatherer(s)

Row	Name of OIL or CONDENSATE Gatherer(s)	Percent of Take	Operator Number	Product Code
1	PLAINS MARKETING, L.P.(667883) <input type="button" value="Search"/>	100.0	<input type="button" value="Clear"/>	
2	<input type="button" value="Search"/>	<input type="text"/>	<input type="button" value="Clear"/>	
3	<input type="button" value="Search"/>	<input type="text"/>	<input type="button" value="Clear"/>	

Percentage of take must equal 100%.

Percentage of take must equal 100%.



P-4 (Certification Page)



Packet Data | W-2 | **Complete Additional Forms** | Load Attachments | Messages | Submit

P-4 Certificate of Compliance and Transportation Authority

Packet Summary Data Tracking No.: 230574 Operator Name: RAILROAD COMMISSION DISTRICT 08 (000010) Field Name: SPRABERRY (TREND AREA) Lease Name: HARDY 10 RRC District No.: 08 RRC Gas ID or Oil Lease No.: 41707 Well No.: 8 API No.: 173-35230 Field No.: 85200300	Submitted: Online Status: Work in Progress Type Of Completion: New Well Completion or Recompletion Date: 12/14/2012 Purpose Of Filing: Initial Potential Well Type: Producing County: GLASSCOCK Drilling Permit No: 745925 Wellbore Profile: DIRECTIONAL
--	---

Step 1 - Packet Data
Step 2 - W-2 Data
Step 3 - Complete Additional Forms
Step 4 - Load Attachments
Step 5 - Submit

CURRENT OPERATOR CERTIFICATION

By signing/agreeing to this certificate as the Current Operator, I certify that all statements on this form are true and correct and I acknowledge responsibility for the regulatory compliance of the subject lease including plugging of well(s) pursuant to Rule 14. I further acknowledge that I assume responsibility for the physical operation, control, and proper plugging of each well designated in this filing. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.

I Accept: No Yes
Authorized Employee of current operator: No Yes
Authorized Agent of current operator: No Yes

Required

Online Fillable W-12 (Inclination Report)



Packet Data | W-2 | Complete Additional Forms | Load Attachments | Messages | Submit

W-12 Inclination Report

Packet Summary Data Tracking No.: 230574 Operator Name: RAILROAD COMMISSION DISTRICT 08 (000010) Field Name: SPRABERRY (TREND AREA) Lease Name: HARDY 18 RRC District No.: 08 RRC Gas ID or Oil Lease No.: 41707 Well No.: 8 API No.: 173-35230 Field No.: 85280300	Submitted: Online Status: Work in Progress Type Of Completion: New Well Completion or Recompletion Date: 12/14/2012 Purpose Of Filing: Initial Potential Well Type: Producing County: GLASSCOCK Drilling Permit No: 745925 Wellbore Profile: DIRECTIONAL	Step 1 - Packet Data Step 2 - W-2 Data Step 3 - Complete Additional Forms Step 4 - Load Attachments Step 5 - Submit
---	---	--

Refresh Edit Certify

Well Information

Accumulative total displacement of well bore at total depth of : 10365.9 feet =: 403.82 feet
Distance from surface location of well to the nearest lease line: 1513.0 feet
Was the subject well at any time intentionally deviated from the vertical in any manner? : No Yes
If Yes : PERMITTED AS DIRECTIONAL

Question # 18 on attached W-12

Question # 21 on attached W-12

Shot Point Information

Is the first shot point depth 500 feet or less?: No Yes
Are succeeding shot points 1000 feet or less apart?: No Yes
Was last shot point within 1000 feet of the total depth of the well?: No Yes
Remarks:

Verify shot points on the attached W-12.

Certification

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this Certification, that I have personal knowledge of all information presented in this report, and that all data presented on this form are true, correct, and complete to the best of my knowledge.
I Accept?: No Yes

Refresh Edit Certify

- * A W-12 Inclination Report will still need to be attached to this completion for signatures and the inclination data.
- * A Directional Survey will need to be attached if there was deviation from the vertical.
- * A Directional Survey will need to be attached if the accumulative total displacement exceeds the distance to the nearest lease.

Load Attachments



- (Cmpl_1588) The Approval Letter (SWR 10) will need to be attached to this packet.

Packet Data | W-2 | Complete Additional Forms | **Load Attachments** | Messages | Submit

Attachments

Packet Summary Data

Tracking No.: 230574
 Operator Name: RAILROAD COMMISSION DISTRICT 08 (000010)
 Field Name: SPRABERRY (TREND AREA)
 Lease Name: HARDY 18
 RRC District No.: 08
 RRC Gas ID or Oil Lease No.: 41707
 Well No.: 8
 API No.: 173-35230
 Field No.: 85280300

Submitted: Online
 Status: Work in Progress
 Type Of Completion: New Well
 Completion or Recombpletion Date: 12/14/2012
 Purpose Of Filing: Initial Potential
 Well Type: Producing
 County: GLASSCOCK
 Drilling Permit No: 745925
 Wellbore Profile: DIRECTIONAL

Step 1 - Packet Data

Step 2 - W-2 Data

Step 3 - Complete Additional Forms

Step 4 - Load Attachments

Step 5 - Submit

* The current limit on files being uploaded is 6MB.

Upload Attachment

Attachment Type: **-Select One-** File: No file chosen

Current Attachments

- Select One-
- Circular Graph
- GAU LETTER**

Required Attachments

- H-9 Hydrogen Sulfide (SWR 96)
- Hardcopy Form
- L-1 Header
- Other

Certified Directional Survey Attachment

- P-12
- Plat
- Prozation Acreage List
- SWR 10 Letter
- SWR 13 Letter
- SWR 8 Letter
- Sharing Agreement
- N-12
- N-15
- N-4
- N-4A
- N-5
- N-6

Name	From	To	Label	Start Date	End Date
#8 - WL 12700-Portfolio.pdf	100	3300		09/15/2012	09/15/2012
#8 - WL 12700 - RRC CERT FORM- ELine.pdf	100	3300		09/15/2012	09/15/2012

Disclaimer | [RRC Online Home](#) | [RRC Home](#) | [Contact](#)

Make sure you select the correct attachment type. Plats should only be attached as .tif files all others can be attached as .tif or .pdf. The size limit for any attachment is 6mb.

Required Attachment: L-1 Header



- Company Name
- Lease Name
- Well Number
- Field
- API number
- Elevations
- Fluid/Mud Properties
- Logger depth must cover the producing interval
- Log header must be legible for audit and scanning
- Log must be continuous

BAKER HUGHES		<i>COMPENSATED Z-DENSILOGSM COMPENSATED NEUTRON LOG DIGITAL SPECTRALOG[®] GAMMA RAY LOG</i>	
Baker Atlas			
FILE NO: ND9939	COMPANY APACHE CORPORATION		
API NO: 42-173-35230	WELL HARDY 18 #8		
	FIELD SPRABERRY (TREND AREA)		
	COUNTY GLASSCOCK	STATE TEXAS	
Ver. 3.87 VAL	LOCATION: 1513' FNL. & 1787' FWL SECTION 18, BLOCK 33 T4S SURVEY: T&P RR CO	OTHER SERVICES DLL DAL	
		A-707	
PERMANENT DATUM	GL	ELEVATION	2617 FT
LOG MEASURED FROM	KB	17 FT	ABOVE P.D.
DRILL MEAS. FROM	KB		
			ELEVATIONS:
			KB 2634 FT
			DF 2633 FT
			GL 2617 FT
DATE	22-SEP-2012		
RUN	TRIP	1	1
SERVICE ORDER	623072		
DEPTH DRILLER	10385 FT		
DEPTH LOGGER	10385 FT		
BOTTOM LOGGED INTERVAL	10331 FT		
TOP LOGGED INTERVAL	200 FT		
TRIP DRILLER	8.625 IN	● 3276 FT	●
TRIP LOGGER	3275 FT		
BIT SIZE	7.875 IN		
TYPE OF FLUID IN HOLE			
FRFRESH			
DENSITY	VISCOSITY	8.7 LB/G	45 S
PH	FLUID LOSS	10.5	7 C3
SOURCE OF SAMPLE			
FLOWLINE			
RM AT MEAS. TEMP.	1.1031 OHM	● 80 DEGF	
RMF AT MEAS. TEMP.	0.63 OHM	● 80 DEGF	
RMC AT MEAS. TEMP.	1.38 OHM	● 80 DEGF	
SOURCE OF RMF	RMC	CALCULATED	CALCULATED
RM AT BHT	1.09 OHM	● 171.6 DEGF	●
TIME SINCE CIRCULATION			
9.5 HRS			
MAX. RECORDED TEMP.			
176 DEGF			
EQUIP. NO.	LOCATION	HL6672	MIDLAND
RECORDED BY			
K.SCHADE / B.TELLER			
WITNESSED BY			
B.FUENTES / S.HENSON			

Properties

Plat



Proration Plat Example



Lease Plat Example



SWR-10 Letter (Downhole Commingling)



CHRISTI CRADDICK, CHAIRMAN
WAYNE CHRISTIAN, COMMISSIONER
JIM WRIGHT, COMMISSIONER



DANNY SORRELLS
ASSISTANT EXECUTIVE DIRECTOR
DIRECTOR, OIL AND GAS DIVISION
PAUL DUBOIS
ASSISTANT DIRECTOR, TECHNICAL PERMITTING

RAILROAD COMMISSION OF TEXAS OIL AND GAS DIVISION

April 03, 2025

HILCORP ENERGY COMPANY
ATTN: REGULATORY DEPARTMENT
P O BOX 61229
HOUSTON TX 77208-1229

RE: APPLICATION FOR EXCEPTION TO SWR 10
LEASE: COSSON GAS UNIT
WELL NO. 21
FREESTONE COUNTY, DISTRICT 05, TEXAS
API NO. 161-34408
HYDROGEN SULFIDE RESTRICTION: YES
[DOCKET]

FIELD NAME	FIELD NO.
TEAGUE (TRAVIS PEAK)	88576700
TEAGUE (CV-BOSSIER CONS.)	88576304

The Commission has approved your application to down-hole commingle production within the above-referenced wellbore from the TEAGUE (TRAVIS PEAK) and TEAGUE (CV-BOSSIER CONS.) fields in FREESTONE County, Texas. For allowable and reporting purposes, the well will be assigned to the TEAGUE (TRAVIS PEAK) field. It will be necessary to have or obtain Commission authority to complete this well in each of the subject zones (Form W-1 approval). The effective date of this SWR 10 Exception is April 03, 2025. This exception to SWR 10 will expire if not used within two (2) years from the date of this permit. This expiration date is April 04, 2027.

If this well is not currently on schedule as a multi-completed well or never has been on schedule as a single completion in any of the non-reporting field(s) listed above, you must file a well-record-only G-1 for this field. This completion must be treated as a separate completion. It will not be eligible for allowable status, and will be carried on the proration schedule as a SWR 10 well. The only instances in which the production will be assigned to a field in which the allocation formula has been suspended are when: (1) The allocation formula has been suspended in all of the fields cited in the Rule 10 Exception application,

Application for Exception to SWR 10, April 03, 2025
COSSON GAS UNIT — WELL NO. 21, API NO. 161-34408

or (2) If the production is less than 200 MCFPD. If the status for any of the fields changes it may be necessary to reassign the production to the prorated field. Contact your proration analyst to inquire as to which forms are necessary to change the reporting field.

Acreage assigned to the referenced well for allocation of allowable shall not be assigned to any other well or wells projected to or completed in the above-referenced fields; such duplicate assignment of acreage is not acceptable, provided, however, that this limitation shall not prevent the reformation of development or proration units so long as no duplicate assignment of acreage occurs, and further, that such reformation does not violate other conservation regulations.

The maximum daily allowable for the combined production will be limited to the top allowable for the reporting field and will become effective upon receipt of Form G-1 showing combined completion data and results of a potential test performed after the physical work of down hole commingling has been completed and run in accordance with Statewide Rule 28. Please indicate in "remarks" the reason for filing this report, giving date of Commission approval of this Rule 10 Exception.

Should secondary recovery operations be initiated in either of these reservoirs, it may be necessary to segregate these zones. If surface-commingling authority has been granted, it may be necessary to amend or cancel this authority.

Permit conditions:

The commingled well will be subject to Statewide Rule 36 (operation in hydrogen sulfide areas) because at least one of the commingled fields requires a Certificate of Compliance for Statewide Rule 36. The well must be operated in accordance with Statewide Rule 36.

The completion report for the commingled well must indicate which perforations belong to which field. The Commission may also require a wellbore diagram to be filed with the completion report for the commingled well. If filed, the wellbore diagram must indicate which perforations belong to which field.

Note: The distribution of this document will be by E-MAIL ONLY. E-mail sent to r.adams@hilcorp.com.

If you have any questions, you may contact the engineering unit in the Austin office at 512-463-1126.

W-12 (Inclination Report)



RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form W-12
(1-1-71)

INCLINATION REPORT
(One Copy Must Be Filed With Each Completion Report)

1. FIELD NAME (as per RRC Records or Index) **Spraberry (Grand Area)**

2. LEASE NAME **HARDY 18**

3. OPERATOR **APACHE CORPORATION**

4. ADDRESS **303 VETERANS AIRPARK LANE, STE. 3000 - MIDLAND, TX. 79705**

5. LOCATION (Section, Block, and Survey) **Sec 18, Blk 33, T-4-S, F.P.R.R. Co. Survey, A-7D7**

6. ARC District **B**

7. ARC Lease Number (for completion only) **41707**

8. Well Number **8**

9. ARC Identification Number (for completion only)

10. County **GLASSCOCK**

11. Measured Depth (feet)	12. Course Length (feet)	13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (feet or inch 1/32)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
410	410	.62	1.08	4.44	4.44
1367	957	.75	1.31	12.53	16.96
2129	762	1	1.75	13.30	30.26
2890	761	.75	1.31	9.96	40.22
3736	846	1.8	3.14	26.58	66.80
4562	826	3.6	6.28	51.89	118.69
5484	922	3.6	6.28	57.92	176.61
6436	952	3.5	6.11	58.15	234.76
7324	888	3.2	5.68	49.59	284.35
8022	696	2.7	4.71	32.89	317.24
8720	696	2.4	4.19	29.24	346.47
9577	857	1.1	1.92	16.45	362.92
10325	748	2.9	5.06	37.88	400.78
10385	60	2.9	5.06	3.04	403.82

17. Is any information shown on the reverse side of this form? yes no

18. Accumulative total displacement of well bore at total depth of **10,385** feet = **423.82** feet.

19. Inclination measurements were made in Tubing Casing Open Hole Drill Pipe

20. Distance from surface location of well to the nearest lease line **1513** feet.

21. Minimum distance to lease line as prescribed by filed rules **4143** feet.

22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? YES NO

INCLINATION DATA CERTIFICATION

I declare under penalties prescribed in Sec. 81.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks (*) in the field numbers on this form.

Laura Young
Signature of Authorized Representative

LAURA YOUNG, OFFICE MANAGER
Name of Person and Title (type or print)

UNION DRILLING, INC.
Name of Company

Telephone: **325-698-9864**

OPERATOR CERTIFICATION

I declare under penalties prescribed in Sec. 81.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein, except inclination data as indicated by asterisks (*) by the well numbers on this form.

Susan Blakemore
Signature of Authorized Representative

Susan Blakemore - Drilling Tech
Name of Person and Title (type or print)

Apache Corporation
Name of Company

Telephone: **832-818-1000**


Approved By: _____ Title: _____ Date: _____

* Designate items certified by company that conducted the inclination survey.



Required Attachment: GAU Letter



GROUNDWATER PROTECTION DETERMINATION		Form GW-2	
 <p style="text-align: center;">Groundwater Advisory Unit</p>			
Date Issued:	09 February 2023	GAU Number:	362451
Attention:	PIONEER NATURAL RES. USA, ATTN WELDON PIERSON IRVING, TX 75038	API Number:	38339960
Operator No.:	665748	County:	REAGAN
		Lease Name:	CHRISTY-THOMAS 15A
		Lease Number:	
		Well Number:	1H
		Total Vertical	10492
		Latitude:	31.418077
		Longitude:	-101.760610
		Datum:	NAD27
Purpose:	New Production Well		
Location:	Survey-L&SV RR CO; Abstract-348; Block-H; Section-15		
To protect usable-quality groundwater at this location, the Groundwater Advisory Unit of the Railroad Commission of Texas recommends:			
The base of usable-quality water-bearing strata is estimated to occur at a depth of 425 feet at the site of the referenced well.			
This recommendation is applicable for all wells drilled in this Section 15.			

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

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

OPERATOR INFORMATION	
Operator Name:	Operator P-5 No.:
Cementor Name:	Cementor 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.):	
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.


- 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.
- 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).
- 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?al=R&app=98&_dir=&p_loc=&p_loc=&p_loc=&pgs=1&p_tac=8&ti=16&pt=1&ch=3&ri=14](http://info.sos.state.tx.us/pls/pub/readtac$ext.TacPage?al=R&app=98&_dir=&p_loc=&p_loc=&p_loc=&pgs=1&p_tac=8&ti=16&pt=1&ch=3&ri=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.
- 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.
- 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.
- 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.
- Slurry data:** If cement job exceeds three slurries, continue the list of slurries in the Slurry table in the subsequent Casing Cementing Data box.

W-15 (Designated Area)



Instructions, front page top right corner, designate:

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



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:	BUGGS BUNNEE	Operator P-5 No.:	112233
Cementer Name:	TAZZY-D CEMENTERS	Cementer P-5 No.:	998877

Most common error: Well Information section is incomplete.

- Operator responsibility.
- W-15 will be returned for correction.

WELL INFORMATION		
District No.:	County:	
Well No.:	API No.:	Drilling Permit No.:
Lease Name:	Lease No.:	
Field Name:	Field No.:	

W-15 (Signatures)



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.

<u>Nacho Libre, El Jefe</u>	<u>Tazzy-D Cementers</u>	<u>Nacho Libre</u>
Name and title of cementer's representative	Cementing Company	Signature
<u>123 Wild West Ave., El Rancho Grande, TX 76543</u>	<u>915-555-1122</u>	<u>03/01/23</u>
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.

<u>Jessica Rabbit Bunnee</u>	<u>Office Manager</u>	<u>Jessica R. Bunnee</u>
Typed or printed name of operator's representative	Title	Signature
<u>7788 Red Dress Blvd., Toon Town, TX 79988</u>	<u>806-365-4321</u>	<u>03/15/23</u>
Address	City, State, Zip Code	Tel: Area Code Number Date: mo. day yr.

W-15 (Operator Responsibility)



Casing Cementing Data

Type of casing: Surface

Drilled hole size (in.): 17.5

Size of casing in O.D.(in): 13.375

Hrs. waiting on cement before drill-out: 100

Est. % wash-out or hole enlargement: 20

Calculated top of cement (ft.): 0

Was cement circulated to ground surface (or bottom of cellar) outside casing? [Yes]

Multiple parallel strings: No

DV tool not opened: No

Cementing Date : 02/13/2025

Depth of drilled hole (ft.): 1621

No. of centralizers used : 15

Top of liner (ft.): N/A

Setting depth liner (ft.) : N/A

Setting depth shoe (ft): 1606

Casing weight (lbs/ft) and grade: 54.5 lb/ft & J55

Slurry

Slurry # 1 * No. of Sacks: 595 * Class: PREMIUM PLUS * Additives: REMARKS * Volume (cu. ft.) 1184 * Height (ft.) 1385

Slurry # 2 * No. of Sacks: 410 * Class: PREMIUM PLUS * Additives: REMARKS * Volume (cu. ft.) 549 * Height (ft.) 737

W-15 (Cementer Responsibility)



Casing Cementing Data

Type of casing: Surface

Cementing Date : 02/13/2025

Drilled hole size (in.): 17.5

Size of casing in O.D.(in): 13.375

Depth of drilled hole (ft.): 1621

Hrs. waiting on cement before drill-out: 100

No. of centralizers used : 15

Est. % wash-out or hole enlargement: 20

Top of liner (ft.): N/A

Setting depth liner (ft.) : N/A

Calculated top of cement (ft.): 0

Setting depth shoe (ft): 1606

Was cement circulated to ground surface (or bottom of cellar) outside casing? [Yes]

Casing weight (lbs/ft) and grade: 54.5 lb/ft & J55

Multiple parallel strings: No

DV tool not opened: No

Slurry

Slurry # 1 * No. of Sacks: 595 * Class: PREMIUM PLUS * Additives: REMARKS * Volume (cu. ft.) 1184 * Height (ft.) 1385

Slurry # 2 * No. of Sacks: 410 * Class: PREMIUM PLUS * Additives: REMARKS * Volume (cu. ft.) 549 * Height (ft.) 737

W-15 (Plugs on Back of W-15)



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							

Cementing to Squeeze, Plug Back or Plug and Abandon

W-15 Workover



If squeeze or plug back, recompletion information will appear under several completion tabs:

- W-15 is **required** to be attached for well to be removed from schedule.

Packet Data Tab -

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	BENEDUM (FUSSELMAN)	16562	Oil Well	4	7C	07109500	Producing

W-2 Page 2 Plug Back Depth Changes -

Vertical Depth: 11969 feet
Total Vertical Depth, Drilling Permit value: 12000 feet
Plug Back Depth - TVD: 11000 feet

Rule 3.16
Completion Reports are due within 30 days of any physical changes made to the wellbore structure.

W-2 Page 5 -

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUGS, RETAINER, ETC.				
Depth Interval	From (feet)	To (feet)	Amount and Kind of Material Used	Process
1	7495.0	10617.0	1,771,746 SLICKWATER 15#BXL/1,041,780 20/40 WHITE SAND	Fracture
2	11020.0	11020.0	5 SACKS CLASS C CEMENT DUMPED ON CIBP	Cast Iron Bridge Plug

Remarks:

P-12 (Certificate of Pooling Authority)



RAILROAD COMMISSION OF TEXAS
Oil and Gas Division
PO Box 12997
Austin, Texas 78711-2997
www.rc.state.tx.us

CERTIFICATE OF POOLING AUTHORITY **P-12**
Revised 05/2001

1. Field Name(s) SPRABERRY (TREND AREA)	2. Lease/ID Number (if assigned) 39874	3. RRC District Number 08
4. Operator Name APACHE CORPORATION	5. Operator P-I Number 027200	6. Well Number 1A
7. Pooled Unit Name GIBSON 7 UNIT	8. API Number 42-173-34572	9. Purpose of Filing <input checked="" type="checkbox"/> Drilling Permit (W-1) <input type="checkbox"/> Completion Report
10. County GLASSCOCK	11. Total acres in pooled unit 160	

DESCRIPTION OF INDIVIDUAL TRACTS CONTAINED WITHIN THE POOLED UNIT

TRACT/PLAT IDENTIFIER	TRACT NAME	ACRES IN TRACT (See Inst. #7 below)	INDICATE UNOILIED INTERESTS	
			UNLEASED	NON-POOLED
TRACT 1	NW4- EXCEPT HWY 158 ROW	153.48	<input type="checkbox"/>	<input type="checkbox"/>
TRACT 2	STATE OF TX HWY 158 ROW	6.52	<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"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

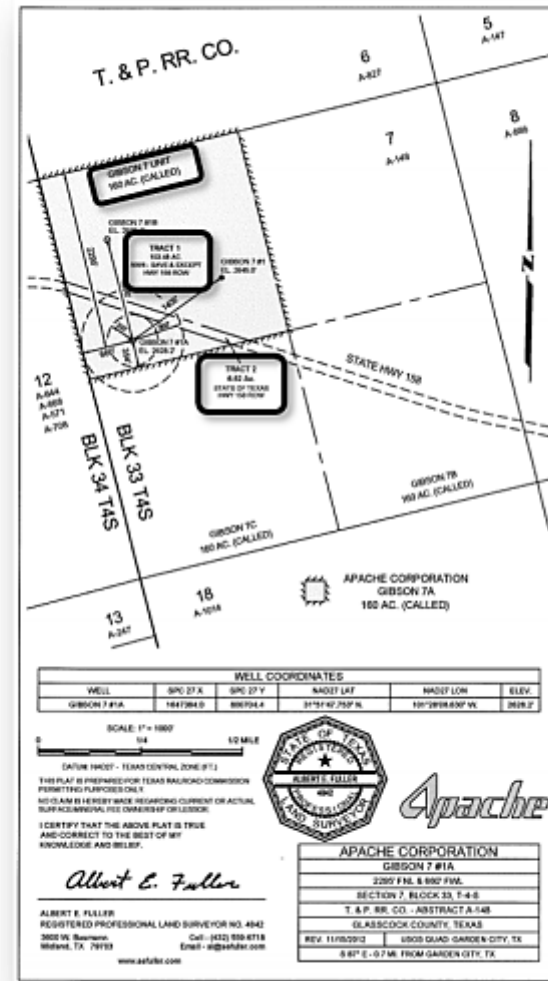
CERTIFICATION:
I declare under penalties prescribed pursuant to the Sec. 91.143, Texas Natural Resources Code, that I am authorized to make the foregoing statements and that the information provided by me or under my direction on this Certificate of Pooling Authority is true, correct, and complete to the best of my knowledge.

Keisha Stark
Signature: **KEISHA STARK**
Print Name: **11/15/2012** Date: **(432) 818-1181** Phone

Title: **REGULATORY TECH** E-mail (if available): **Keisha.Stark@apachecorp.com**

INSTRUCTIONS — Reference: Statewide Rules 31, 38 and 40

- When two or more tracts are pooled to form a unit to obtain a drilling permit, file completion paperwork, or reform a pooled unit pursuant to Rule 38(f)(3) the operator must file an original Certificate of Pooling Authority and certified plat.
- The certified plat shall designate each tract with an outline and a tract identifier. The tract identifier on the plat shall correspond to the tract identifier and associated information listed on the Certificate.
- If within an individual tract, a non-pooled and/or unleased interest exists, indicate by checking the appropriate box.
- If the Purpose of Filing is to obtain a drilling permit, in box #1 list all applicable fields separately or enter "All Fields" if the Certificate pertains to all fields requested on Form W-1.
- If the Purpose of Filing is to file completion paperwork, enter the applicable field name in box #1 for the completion.
- Identify the drill site tract with an "s" to the left of the tract identifier.
- The total number of acres in the pooled unit in #11 should equal the total of all acres in the individual tracts listed.



P-16 (Acreage Designation Section I & II)



RAILROAD COMMISSION OF TEXAS

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

Form P-16

Page 1

Rev. 06/2022

Acreage Designation

Filer is the owner or lessee, or has been authorized by the owner or lessee, of all or an undivided portion of the mineral estate under each tract for which filer is listed as operator below. For all leases operated by other entities, the number of assigned acres shown are reflected on current Commission records or the filer has been authorized by the current operator to change the assigned acreage of that operator as shown below.

SECTION I. OPERATOR INFORMATION					
Operator Name:		Operator P-5 No.:			
Operator Address:					

SECTION II. WELL INFORMATION					
District No.:	Select One	API No.:		Purpose of Filing: <input type="checkbox"/> Form W-1 <input type="checkbox"/> Form G-1/W-2	
Well No.:		Drilling Permit No.:			
Lease Name:		RRC ID or Lease No.:		Ownership Interval: Upper: <input type="text"/> Lower: <input type="text"/>	
Total Lease Acres:		Field Name:			
Proration Acres:		Field No.:			
Wellbore Profile:	Select One	Is this a UFT field?:	Select One		
SL Record (Parent) Well Drilling Permit No.:		County:	Select One		

P-16 (Acreage Designation Section III & IV)



SECTION III. LISTING OF ALL WELLS IN THE REGULATORY FIELD ON THE SAME ACREAGE AS THE LEASE, POOLED UNIT, OR UNITIZED TRACT DESIGNATED IN SECTION II ABOVE BY FILER							
RRC ID No. or Lease No.	Well No.	Profile	Lease Name	API No.	Acres Assigned	SWR 38 Except. (Y/N)	Operator Name and Operator No. (if different from filing operator)

A. Total Assigned Horiz. Acreage = C. Total Assigned Acreage =
Total Remaining Horiz. Acreage = Total Remaining Acreage =
B. Total Assigned Vert./Dir. Acreage =
Total Remaining Vert./Dir. Acreage =

SECTION IV. REMARKS - REQUIRED FOR PSA AND CO-DEVELOPMENT (refer to instructions)

Attach Additional Pages As Needed. No additional pages Additional Pages: (No. of additional pages)

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

Signature _____ Name and title (type or print) _____ Email _____
(include email address only if you affirmatively consent to its public release)

Address _____ City, State, Zip Code _____ Tel: Area Code Number _____ Date: mo. day yr.

P-16 Section I



RAILROAD COMMISSION OF TEXAS

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

Form P-16

Page 1

Rev. 06/2022

Acreage Designation

Filer is the owner or lessee, or has been authorized by the owner or lessee, of all or an undivided portion of the mineral estate under each tract for which filer is listed as operator below. For all leases operated by other entities, the number of assigned acres shown are reflected on current Commission records or the filer has been authorized by the current operator to change the assigned acreage of that operator as shown below.

SECTION I. OPERATOR INFORMATION

Operator Name:		Operator P-5 No.:	
Operator Address:			

As listed on P-5 Organization Report:

- Operator Name
- Operator P-5 No.
- Operator Address

P-16 Section II



SECTION II. WELL INFORMATION

District No.:	Select One	API No.:		Purpose of Filing:	
Well No.:		Drilling Permit No.:		<input type="checkbox"/>	Form W-1
Lease Name:		RRC ID or Lease No.:		<input type="checkbox"/>	Form G-1/W-2
Total Lease Acres:		Field Name:		Ownership Interval:	
Proration Acres:		Field No.:		Upper:	
Wellbore Profile:	Select One	Is this a UFT field?:	Select One	Lower:	
SL Record (Parent) Well Drilling Permit No.:		County:	Select One		

All fields are required, if applicable

P-16 Section II – Ownership Interval



SECTION II. WELL INFORMATION			
API No.:		Purpose of Filing:	
Drilling Permit No.:		<input type="checkbox"/>	Form W-1
RRC ID or Lease No.:		<input type="checkbox"/>	Form G-1/W-2
Field Name:			
Field No.:		Ownership Interval:	
Is this a UFT field?:	Select One	Upper:	
County:	Select One	Lower:	

Ownership Interval:

- Fields have been added to Section II to support SWR-40(e)(2) exception requests.
- Intervals on the G-1/W-2 P-16 submission should match what is approved on the W-1.

P-16 Section III



SECTION III. LISTING OF ALL WELLS IN THE REGULATORY FIELD ON THE SAME ACREAGE AS THE LEASE, POOLED UNIT, OR UNITIZED TRACT DESIGNATED IN SECTION II ABOVE BY FILER							
RRC ID No. or Lease No.	Well No.	Profile	Lease Name	API No.	Acres Assigned	SWR 38 Except. (Y/N)	Operator Name and Operator No. (if different from filing operator)
A. Total Assigned Horiz. Acreage =							
Total Remaining Horiz. Acreage =							
B. Total Assigned Vert./Dir. Acreage =							
Total Remaining Vert./Dir. Acreage =							
				C. Total Assigned Acreage =			
				Total Remaining Acreage =			

Section III for Regular Lease or Pooled Unit only **not** for Allocation or PSA Well.

P-16 Section IV



- This is a comments box.
- Any useful information you need to provide.
- PSA acreage statement (required for PSA)
 - From both MINERAL **AND** WORKING Interests owners
 - At least 65% agreement to production sharing
 - Need to meet 65% **IN EACH TRACT**
 - Specific numbers per tract, or
 - Statement should reference “from all tracts”

P-16 Section V



SECTION V. LISTING OF ALL TRACTS CONTRIBUTING ACREAGE TO AN RRC DESIGNATED DEVELOPMENTAL UNIT THAT IS NOT A SINGLE LEASE, POOLED UNIT, OR GROUP OF TRACTS UNITIZED BY CONTRACT FOR PURPOSES OF SECONDARY RECOVERY					
RRC ID No., Lease No. or Tract ID	Lease Name	Beginning Lease Acres	Ownership Interval (Upper)	Ownership Interval (Lower)	Operator Name and Operator No. (if different from filing operator)
A					
B					
C					
D					
E					
F					
G					
H					
Total Acreage =					

- Section V is Only Used for Allocation or PSA submissions
- This Section defines the composition of the developmental acreage.

Part 3 – Section VI (1 of 9)



SECTION VI. LISTING OF ALL WELLS IN THE REGULATORY FIELD AS LISTED IN SECTION II, AND ALLOCATING ACREAGE FROM ANY OR ALL TRACTS LISTED IN SECTION V BY FILER													
RRC ID No. or Lease No.	Lease Name	API No.	Well No.	Profile	SWR 38 Except. (Y/N)	*Total Acres Assigned	Acres From	Acres From	Acres From	Acres From	Acres From	Acres From	Acres From
A. Total Assigned Acreage							=						
B. Total Assigned Horiz. Acreage							=						
C. Total Assigned Vert./Dir. Acreage							=						

Verify Attachments



[Packet Data](#) | [W-2](#) | [Complete Additional Forms](#) | **Load Attachments** | [Messages](#) | [Submit](#)

Attachments

Packet Summary Data		Submitted: Online	
Tracking No.: 230574		Status: Work in Progress	
Operator Name: RAILROAD COMMISSION DISTRICT 08 (000010)		Type Of Completion: New Well	
Field Name: SPRABERRY (TREND AREA)		Completion or Recompletion Date: 12/14/2012	
Lease Name: HARDY 18		Purpose Of Filing: Initial Potential	
RRC District No.: 08		Well Type: Producing	
RRC Gas ID or Oil Lease No.: 41707		County: GLASSCOCK	
Well No.: 8		Drilling Permit No: 745925	
API No.: 173-35230		Wellbore Profile: DIRECTIONAL	
Field No.: 85280300			

* The current limit on files being uploaded is 6MB.

Upload Attachment

Attachment Type: File: No file chosen

Current Attachments

GAU LETTER-968992	HARDY 18 - 8 - GAU Letter.pdf	<input type="button" value="Delete"/>
L-1 Header-968993	HARDY 18 - 8 - Neutron Density Log Header.pdf	<input type="button" value="Delete"/>
Flat-968994	HARDY 18 - 8 - Flat.tif	<input type="button" value="Delete"/>
Proration Acreage List-968995	HARDY 18 - 8 - Acreage List.pdf	<input type="button" value="Delete"/>
SWR 10 Letter-968996	HARDY 18 - 8 - SWR-10 Approval Letter.pdf	<input type="button" value="Delete"/>
W-12-968997	HARDY 18 - 8 - W-12.pdf	<input type="button" value="Delete"/>
W-15-968998	HARDY 18 - 8 - W-15.pdf	<input type="button" value="Delete"/>
Other-968999	HARDY 18 - 8 - P-16.pdf	<input type="button" value="Delete"/>

Required Attachments

W-15, L-1 Header, GAU LETTER

Certified Directional Surveys

Attachment Type	Name	From	To	Label	Start Date	End Date
Directional Survey - Gyro	Apache-Hardy 18 #8-WL 12700-Portfolio.pdf	100	3300		09/15/2012	09/15/2012
Directional Survey - Certification	Apache - Hardy 18 #8 - WL 12700 - RRC CERT FORM- ELine.pdf	100	3300		09/15/2012	09/15/2012

Make sure to open your attachments to verify they are attached with the correct attachment type & are legible.

Submittal Page



[Packet Data](#) | [W-2](#) | [Complete Additional Forms](#) | [Load Attachments](#) | [Messages](#) | [Submit](#)

Submit Packet

Packet Summary Data

Tracking No.: **230574**

Operator Name: **RAILROAD COMMISSION DISTRICT 08 (000010)**

Field Name: **SPRABERRY (TREND AREA)**

Lease Name: **HARDY 18**

RRC District No.: **08**

RRC Gas ID or Oil Lease No.: **41707**

Well No.: **B**

API No.: **173-35230**

Field No.: **B5280300**

Submitted: Online

Status: **Work in Progress**

Type Of Completion: **New Well**

Completion or Recompletion Date: **12/14/2012**

Purpose Of Filing: **Initial Potential**

Well Type: **Producing**

County: **GLASSCOCK**

Drilling Permit No: **745925**

Wellbore Profile: **DIRECTIONAL**

Submit Status

FIX	Form Name	Warnings	Status
<input type="button" value="Fix"/>	Packet Data	0	Work in Progress
<input type="button" value="Fix"/>	W-2	4	Certified
<input type="button" value="Fix"/>	L-1	0	Certified
<input type="button" value="Fix"/>	P-4 Data	1	Certified
<input type="button" value="Fix"/>	P-15	0	Certified
<input type="button" value="Fix"/>	W-12	2	Certified

Attachments

GAU LETTER, L-1 Header, Plat, Proration Acreage List, SWR 10 Letter, W-12, W-15, Other

Warnings

[1200] Page 2 - Warning: Proration, number of producing wells is different than the value on the Drilling Permit.

[1242] The Packet agrees with the Drilling Permit (Total Depth, Density, and Field).

[1455] Internal: Directional survey was made was set to yes.

[1597] This Completion is down-holed commingled, attach a copy of SWR 10 approval letter to this completion.

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

- Step 1 - Packet Data
- Step 2 - W-2 Data
- Step 3 - Complete Additional Forms
- Step 4 - Load Attachments
- Step 5 - Submit

Address any applicable warnings prior to submittal of the tracking number.

Required

Submit Forms Lacking



Packet Data | W-2 | Complete Additional Forms | Load Attachments | Messages | **Submit**

Submit Packet

Packet Summary Data	Submitted: Online
Tracking No.: 230574	Status: Work in Progress
Operator Name: RAILROAD COMMISSION DISTRICT 08 (000010)	Type Of Completion: New Well
Field Name: SPRABERRY (TREND AREA)	Completion or Recompletion Date: 12/14/2012
Lease Name: HARDY 18	Purpose Of Filing: Initial Potential
RRC District No.: 08	Well Type: Producing
RRC Gas ID or Oil Lease No.: 41707	County: GLASSCOCK
Well No.: 8	Drilling Permit No: 745925
API No.: 173-35230	Wellbore Profile: DIRECTIONAL
Field No.: 85280300	

Step 1 - Packet Data
Step 2 - W-2 Data
Step 3 - Complete Additional Forms
Step 4 - Load Attachments
Step 5 - Submit

Are you sure you wish to submit this Packet?

Submit Forms Lacking

Submit with required forms missing or uncertified?: No Yes

Submit with required attachments missing?: No Yes

Required

Cancel Submit

Finished



- (Cmpl_1275) The Packet has been submitted successfully.
- (Cmpl_1340) Upon review of your filing by RRC Staff, additional forms/attachments/information may be required.

[Packet Data](#) [W-2](#) [Complete Additional Forms](#) [Load Attachments](#) [Messages](#) [Submit](#)

Submit Packet

Packet Summary Data

Tracking No.: 230574	Submitted: Online
Operator Name: RAILROAD COMMISSION DISTRICT 08 (000010)	Status: Submitted (unknown)
Field Name: SPRABERRY (TREND AREA)	Type Of Completion: New Well
Lease Name: HARDY 18	Completion or Recompletion Date: 12/14/2012
RRC District No.: 08	Purpose Of Filing: Initial Potential
RRC Gas ID or Oil Lease No.: 41707	Well Type: Producing
Well No.: 8	County: GLASSCOCK
API No.: 173-35230	Drilling Permit No: 745925
Field No.: 85280300	Wellbore Profile: DIRECTIONAL

Step 1 - Packet Data
Step 2 - W-2 Data
Step 3 - Complete Additional Forms
Step 4 - Load Attachments
Step 5 - Submit

The Packet 230574 has been submitted successfully.

Finish

Message Review



Well Completions

Filing Operator: APACHE CORPORATION (027200)

Filing Completion Package

[File a New Completion Packet](#)

[Update Existing Completion Packet](#)

[Select Filing Operator](#)

[My Messages](#) | [Operator Messages](#) | [Recent Notifications](#)

1 - 10 of 105 results

[<<First] [Previous] [Next>>] [Last>>] | Page: 1 2 3 4 5 6 7 8 9 10 of 11

Page Size: 10

Tracking No.	User	Operator	Status	Sent By	Current Messages	Response Count
130362	Starr, Sherene	APACHE CORPORATION	Published (03/13/2015)	Hitchcock, Ivy	Attachments tab has been opened at the Operator's request.	0
129394	Starr, Sherene	APACHE CORPORATION	Published (03/12/2015)	Hitchcock, Ivy	Attachments tab has been opened, per an Operator request.	0
129156	Hopkins, Madeleine	APACHE CORPORATION	Published (02/27/2015)	Cassidy, Karen	Please correct the answer to the second question under shot point information on your online W-12 to "yes" as your attached W-12 shows that all shot points were taken at intervals of 1000' or less. **Please respond to this message via the "add response" button AND also email us to expedite review and resolution of the message. (karen.cassidy@rrc.state.tx.us)** [message date: 02/27/2015]	1
128527	Moughon, Debbie	APACHE CORPORATION	Published (02/24/2015)	Rosenquist, Scott	Please add a formation record entry for Edwards. <Scott.Rosenquist@rrc.state.tx.us>	0
128527	Moughon, Debbie	APACHE CORPORATION	Published (02/24/2015)	Rosenquist, Scott	The perfed interval on this W-2 is 9684-9830 feet, which does not comply with the permitted injection interval of 9720-9860 feet. Please advise as to how the operator plans to address this. <Scott.Rosenquist@rrc.state.tx.us>	0
128527	Moughon, Debbie	APACHE CORPORATION	Published (02/24/2015)	Rosenquist, Scott	Prior completion records for this well show perfs at 8956-9077 feet in the Austin Chalk. These perfs would have to have been isolated in order for the tubing-casing annulus to be successfully pressure-tested. It will be necessary to indicate on page 5 of the W-2 what down-hole work was done to achieve isolation of these prior perfs. <Scott.Rosenquist@rrc.state.tx.us>	0
128115	Smith, Christine	APACHE CORPORATION	Published (03/11/2015)	Lewis, Kayleigh	A Rule 13 exception must be obtained for this well. The surface csg was drilled 316' over the GAU depth- only allowed to drill up to 200' deeper than the GAU depth. In the future, submit this request prior to drilling as required by Rule 13. Please submit to jeffery.morgan@rrc.state.tx.us, thank you.	0
128006	Smith, Christine	APACHE CORPORATION	Published (02/20/2015)	Haynes, Danielle	please be advised that an acreage list will also be required along with the P-15 and lease plat	0

Adding Responses



[Search](#) | [Return to List](#) | [Engineering](#) | **[Messages](#)** | [Routing](#) | [Events](#) | [GIS Status](#) | [Related Packets](#)

[Packet Data](#) | [G-1](#) | [Internal Update](#) | [Form Summary](#) | [Approval](#) | [Submit](#) | [Attachments](#) | [Comments](#) | [Process Log](#)

Messages

Packet Summary Data		Submitted: Online	
Tracking No.: 128527		Status: Submitted (02/18/2015)	
Operator Name: APACHE CORPORATION (027200)	Type Of Completion: Other/Recompletion		
Field Name: GIDDINGS (EDWARDS, GAS)	Completion or Recompletion Date: 01/26/2015		
Lease Name: REVELLE SWD	Purpose Of Filing: Well Record Only		
RRC District No.: 03	Well Type: Active UIC		
RRC Gas ID or Oil Lease No.:	County: BURLESON		
Well No.: 1	Drilling Permit No: 799274		
API No.: 051-30311	Field Validated Date:		
Wellbore Profile: VERTICAL	Field No.: 34733620		

Cancel	Resolve	Status	Sent By	Response Count	Last Published RRC Response	Current Messages	Edit/Reply
<input type="checkbox"/>	<input type="checkbox"/>	Submitted (04/27/2015) Published (04/27/2015)	Rosenquist, Scott	0		A W-15 must be provided for the 200-sack squeeze.	<input type="button" value="Add Response"/>
						A W-15 has been uploaded.	<input type="button" value="Save"/> <input type="button" value="Clear"/>
<input type="checkbox"/>	<input type="checkbox"/>	Submitted (02/24/2015) Resolved (04/17/2015)	Rosenquist, Scott	1		Please add a formation record entry for Edwards. <Scott.Rosenquist@rrc.state.tx.us>	<input type="button" value="Add Response"/>
<input type="checkbox"/>	<input type="checkbox"/>	Submitted (02/24/2015) Resolved (04/27/2015)	Rosenquist, Scott	1		Prior completion records for this well show perms at 8956-9077 feet in the Austin Chalk. These perms would have to have been isolated in order for the tubing-casing annulus to be successfully pressure-tested. It will be necessary to indicate on page 5 of the W-2 what down-hole work was done to achieve isolation of these prior perms. <Scott.Rosenquist@rrc.state.tx.us>	<input type="button" value="Add Response"/>
<input type="checkbox"/>	<input type="checkbox"/>	Submitted (02/24/2015) Resolved (04/27/2015)	Rosenquist, Scott	1		The perfed interval on this W-2 is 9684-9830 feet, which does not comply with the permitted injection interval of 9720-9860 feet. Please advise as to how the operator plans to address this. <Scott.Rosenquist@rrc.state.tx.us>	<input type="button" value="Add Response"/>

Contact District Office



For immediate assistance regarding the casing and cementing questions, please call the appropriate District Office.

<p>Districts 01 & 02 San Antonio 112 E. Pecan Street, Suite 705 San Antonio, TX 78205 Phone: 210-227-1313 Fax: 210-227-4822 san_antonio@rrc.texas.gov</p>	<p>District 03 Houston 1919 N. Loop West, Suite 620 Houston, TX 77008 Phone: 713-869-5001 Fax: 713-869-9621 houston@rrc.texas.gov</p>	<p>District 04 Corpus Christi 10320 IH-37 Corpus Christi, TX 78410 Phone: 361-242-3113 Fax: 361-242-9613 corpus_christi@rrc.texas.gov</p>	<p>Districts 05 & 06 Kilgore 100 Bane Blvd. Henderson, TX 75652 Phone: 903-655-1840 Fax: None kilgore@rrc.texas.gov</p>	<p>District 7B Abilene 1969 Industrial Blvd. Abilene, TX 79602 Phone: 325-692-0404 Fax: 325-692-0273 abilene@rrc.texas.gov</p>
<p>District 7C San Angelo 622 South Oakes, Suite J San Angelo, TX 76903 Phone: 325-657-7450 Fax: 325-657-7455 san_angelo@rrc.texas.gov</p>	<p>District 8 Midland 10 Desta Dr., Suite 500 E Midland, TX 79705 Phone: 432-684-5581 Fax: 432-684-6005 midland@rrc.texas.gov</p>	<p>District 8A Lubbock 6302 Iola Avenue, Suite 600 Lubbock, TX 79424 Phone: 806-698-6509 Fax: 806-698-6532 DOLubbock8A@rrc.texas.gov</p>	<p>District 9 Wichita Falls 5800 Kell Blvd., Suite 300 Wichita Falls, TX 76310 Phone: 940-723-2153 Fax: 940-723-5088 wichita_falls@rrc.texas.gov</p>	<p>District 10 Pampa 200 West Foster, Room 300 Pampa, TX 79065 Phone: 806-665-1653 Fax: 806-665-4217 pampa@rrc.texas.gov</p>

Contact Engineering



For immediate assistance regarding directional surveys or horizontal wells, please call the Engineering Department.

Phone: 512-463-1126

Email: engunit@rrc.texas.gov

Website: <https://www.rrc.texas.gov/>

Address: P.O. Box 12967, Austin, Texas 78711-2967

Contact Well Compliance



For immediate assistance regarding producing or shut-in wells, please call the Well Compliance Department.

Phone: 512-463-6975

Email: prorationunit@rrc.texas.gov

Website: <https://www.rrc.texas.gov/>

Address: P.O. Box 12967, Austin, Texas 78711-2967