RAILROAD COMMISSION OF TEXAS

1701 N. Congress P.O. Box 12967 Austin, Texas 78701-2967 Form W-15

Rev. 08/2014

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

AXA		CENTERTIN						
OPERATOR INFORMATION								
Operator Name:			Operator P-5 No.:					
Cementer Name:			Cementer P-5 No.:					
WELL INFORMATION								
District No.:			County:					
Well No.:			API No.:	Drilling Perm	it No.:			
Lease Name:			Lease No.:					
Field Name:	Field Name: Field No.:							
		I. CASING CEN	IENTING DATA					
Type of casing:	Conductor Surfac	ce 🗌 Intermediate	Liner P	roduction				
Drilled hole size (in.):		Depth of drilled hole (f	t.): Est. % wash-out or hole enlargement:					
Size of casing in O.D. (in	ı.):	Casing weight (lbs/ft) a	and grade:	No. of centralizers used:				
Was cement circulated	to ground surface (or botto	om of cellar) outside	Setting depth shoe (ft.):	Top of liner (ft	.):			
casing? YES	NO If no for surface casi	ng, explain in Remarks.		Setting depth liner (ft.):				
Hrs. waiting on cement	before drill-out:	Calculated top of ceme	ent (ft.):	Cementing date:				
		SLU	JRRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.) Height (ft.)				
1								
2								
3								
Total								
		II. CASING CEN	VIENTING DATA					
Type of casing: Sur	face Intermediate			i-stage cement shoe	Multiple parallel strings			
Drilled hole size (in.):		Depth of drilled hole (f	it.):	Est. % wash-out or hole enlargement:				
Size of casing in O.D. (in	ı.):	Casing weight (lbs/ft) a	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 ca Upper:	asing in O.D. (in.) Lower:	Tapered string casing we Upper:	eight(lbs/ft) and grade Lower:	Tapered string no. of centralizers used Upper: Lower:				
Was cement circulated	to ground surface (or botto	om of cellar) outside casi	ng? YES NO	Setting depth shoe (ft.)	:			
Hrs. waiting on cement		Calculated top of ceme		Cementing date:				
This. waiting on cement	beiore unin-out.	•	• •	cementing date.				
Slurry No.	No. of Sacks	Class	JRRY Additives	Volume (cu. ft.)	Hoight (ft)			
1	NO. OF SACKS	Class	Additives	Volume (cu. ft.)	Height (ft.)			
2								
3								
Total								
III. CASING CEMENTING DATA Type of casing: Surface Intermediate Production Tapered production Multi-stage cement/DV tool Multiple parallel strings								
Drilled hole size (in.):		Depth of drilled hole (f	•					
			-	Est. % wash-out or hole enlargement:				
Size of casing in O.D. (in.): Casing weight (lb				No. of centralizers used:				
Tapered string drilled hole size (in.) Tapered string depth of drilled hole (ft.) Upper: Lower: Upper: Lower:								
					o. of centralizers used			
Upper: Lower: Upper: Lower: Upper: Lower: Was cement circulated to ground surface (or bottom of cellar) outside casing? YES 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								
3 Total								
TUtai								



CEMENTING REPORT

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: A	rea Code	Number	_	Date:	mo.	day	yr.
OPERATOR'S CERTIFICATE: I declare under penalties p	rescribed	in Sec.	91.143, T	exas Natura	Resources	Code, that	I am	author	ized	to ma	ake 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 Comparing Papart								

Instructions for Form W-15, Cementing Report

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

A. What to file: An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form.

The Form W-15 should be filed with the Form W-3, Plugging Record, unless the Form W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

- B. How to file: An oil and gas completion report and Form W-15 may be filed online using the Commission's Online System (https://webapps.rrc.texas.gov/security/login.do) or a paper copy of the form may be mailed to the Commission in Austin (P.O. Box 12967, Austin, Texas 78711-2967).
- C. Surface casing: An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Groundwater Advisory Unit in Austin. Sufficient cement shall be used to fill the annular space outside the casing from the shoe to the ground surface or to the bottom of the cellar. Before drilling a well, an operator must obtain a letter from the Groundwater Advisory Unit stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

To plug and abandon a well, operators must use only cementers approved by the Commission's Director of Field Operations in accordance with SWR 14 (http://info.sos.state.tx.us/pls/pub/readtac\$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_ploc=&pg=1&p_tac=&ti=16&pt=1&ch=3&rl=14). Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

- D. Estimated % wash-out: If the estimated % wash-out is less than 20% (or 30% along the Gulf Coast), provide supporting documentation such as a caliper log to show how the estimated % wash-out was obtained.
- E. Multi-stage cement: An operator must report the multi-stage cement shoe in II. Casing Cementing Data section by selecting the type of casing and Multi-stage cement shoe. The operator must report the multi-stage cement tool in III. Casing Cementing Data section by selecting the type of casing and Multi-stage cement/DV tool.
- F. Multiple parallel strings: An operator should file the Form W-15 as an attachment to the Form W-4, Application for Multiple Completion. An operator may be required to submit multiple Form W-15s to show all data for multiple parallel strings.
- G. Slurry data: If cement job exceeds three slurries, continue the list of slurries in the Slurry table in the subsequent Casing Cementing Data box.