Form W-15

Rev. 08/2014

RAILROAD COMMISSION OF TEXAS

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

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

CEMENTING REPORT

OPERATOR INFORMATION									
Operator Name:			Operator P-5 No.:						
Cementer Name:			Cementer P-5 No.:						
WELL INFORMATION									
District No.:			County:						
Well No.:			API No.:	Drilling Permi	t No.:				
Lease Name:			Lease No.:						
Field Name:			Field No.:						
		I. CASING CEN	MENTING DATA						
Type of casing: Conductor Surface Intermediate Liner Production									
Drilled hole size (in.): Depth of drilled hole (f									
Size of casing in O.D. (in	.):	Casing weight (lbs/ft) a	nd grade: No. of centralizers used:						
	to ground surface (or bott		Setting depth shoe (ft.): Top of liner (ft.):						
casing? YES	NO If no for surface cas	ing, explain in Remarks.	Setting depth liner (ft.):						
Hrs. waiting on cement	before drill-out:	Calculated top of ceme	ent (ft.):	Cementing date:					
The management		<u>'</u>	JRRY	comonium g unitor					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)				
1	1101 01 04010	5.055	7100.0070	Totaline (dan tar)					
2									
3									
Total									
		II CASING CEN	MENTING DATA						
Type of casing: Sur	face Intermediate			i-stage cement shoe	Multiple parallel strings				
									
Drilled hole size (in.):		Depth of drilled hole (f	· · · · · · · · · · · · · · · · · · ·						
Size of casing in O.D. (in		Casing weight (lbs/ft) a							
Tapered string drilled he			Tapered string depth of	• •					
Upper:	Lower:	T= 1	Upper: Lower:						
Tapered string size of ca Upper:	Lower:	Tapered string casing weight(lbs/ft) and grade Upper: Lower:		Tapered string no. of centralizers used Upper: Lower:					
Was cement circulated	to ground surface (or bott	om of cellar) outside casi	side casing? YES NO Setting depth shoe (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									
III. CASING CEMENTING DATA									
Type of casing: Sur	face Intermediate	Production Tapered	d production Multi-s	tage 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 (lbs/ft) a	, · ·	No. of centralizers used:					
Tapered string drilled he Upper:	ole size (in.) Lower:		Tapered string depth of drilled hole (ft.) Upper: Lower:						
Tapered string size of casing in O.D. (in.) Tapered string casing			veight(lbs/ft) and grade Tapered string no. of centralizers used						
Upper:	Lower:	Upper:	Lower:	Upper: Lower:					
was cement circulated	to ground surface (or bott	om of cellar) outside casi	ing? YES NO Setting depth tool (ft.):						
Hrs. waiting on cement	before drill-out:	Calculated top of ceme							
Classic N	No. of Cooles		JRRY Additives	Volume (a ft.)	Uniaht /ft \				
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)				
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)								

Perforate and squeeze (YES/NO)								
		REM	ARKS					
EEMENTER'S CERTIFICATE: I declare under penalt ertification, that the cementing of casing and/or tupervision, and that the cementing data and facts pertification covers cementing data only.	he placing of	cement p	lugs in this w	ell as shown in the	report was p	performed by r	me or unde	r my
Name and title of cementer's representative		Cement	ing Company	S			_	
Address	City,	State, 2		Tel: Area Code	Number	Date: mo	o. day yr.	_
OPERATOR'S CERTIFICATE: I declare under penal certification, that I have knowledge of the well dat form are true, correct, and complete, to the best of	ta and informa	ation prese	ented in this i	report, and that dat				
Typed or printed name of operator's representative		Title		Si	gnature			
Address	City,	State,	Zip Code	Tel: Area Code	Number	Date: mo	o. day yr.	

Instructions for Form W-15, Cementing Report

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

- A. What to file: An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form.
 - The Form W-15 should be filed with the Form W-3, Plugging Record, unless the Form W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.
- **B.** How to file: An oil and gas completion report and Form W-15 may be filed online using the Commission's Online System (https://webapps.rrc.state.tx.us/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=&p_ploc=&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.