

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

Form W-15  
Cementing Report  
Rev. 4/1/83  
HLBRTN1096

# RAILROAD COMMISSION OF TEXAS

## Oil and Gas Division

1. Operator's Name (As Shown on Form P-5, Organization Report)	2. RRC Operator No.	3. RRC District No.	4. County of Well Site
Reliance Energy, Inc.	700995	08	Andrews
5. Field Name (Wildcat or Exactly as Shown on RRC Records)	6. API No.	7. Drilling Permit No.	
Spraberry (Trend Area)	42-003-42706	711099	
8. Lease Name	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well Number
Mabee 240A		40917	2005

CASING CEMENTING DATA:		SURFACE CASING	INTERMEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				SINGLE STRING	MULTIPLE PARALLEL STRINGS	TOOL	SHOE
12. Cementing Date		4/16/2011					
13. *Drilled Hole Size		17-1/2					
*Ext. % Wash or Hole Enlargement							
14. Size of Casing (in. O.D.)		13 3/8"					
15. Top of Liner (ft)							
16. Setting Depth (ft)		377'					
17. Number of Centralizers Used		3					
18. Hrs. Waiting on Cement Before Drill-Out		36					
1st Slurry	19. API Cement Used: No. of Sacks >	375					
	Class >	"C"					
	Additives >	Remarks 1					
2nd Slurry	No. of Sacks >						
	Class >						
	Additives >						
3rd Slurry	No. of Sacks >						
	Class >						
	Additives >						
1st	20. Slurry Pumped: Volume (cu.ft.) >	503					
	Height (ft) >	723					
2nd	Volume (cu.ft.) >						
	Height (ft) >						
3rd	Volume (cu.ft.) >						
	Height (ft) >						
	Volume (cu.ft.) >	503					
	Height (ft) >	723					
21. Was Cement Circulated to Ground Surface (or Bottom of Celler) Outside Casing?		YES					
22. Remarks 1 2% CaCl2 + 1/8#/sk Celloflake  Circulated 110sks of cement to earth pit!! 26bbls slurry!!							

OVER ➔

Well 240A #2005 (42-003-42706) Pg 2 of 2 (Surf Plug)

CEMENTING TO PLUG AND ABANDON	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
Cementing Date								
Size of Hole or Pipe Plugged (in)								
Depth to Bottom of Tubing or Drill Pipe (ft)								
Sacks of Cement Used (each plug)								
Slurry Volume Pumped (cu ft.)								
Calculated Top of Plug (ft)								
Measured Top of Plug, If Tagged (ft)								
Slurry Wt. (lbs/gal)								
Type Cement								

**CEMENTERS 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.

Robert J. Vega/Service Supervisor  
Name and Title of Cementer's Representative

O-TEX PUMPING SERVICES  
Cementing Company

Signature

*Robert J. Vega*

311 East I-20 Midland, Texas 79706  
Address City State Zip Code

432-686-8559  
Tel: Area Code Number

4/16/2011  
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.

Sylvia Schkade  
Typed or Printed Name of Operator's Representative

Eng. Steve Supu  
Title

*Sylvia Schkade*  
Signature

200 W. Hillman, Ste. 1200, Midland, TX 79701 (432) 683-4816  
Address City State Zip Code

432-683-4816  
Tel: Area Code Number

12-15-2011  
Date: Mo. Day Yr.

### Instruction to Form W-15, Cementing Report

**IMPORTANT:** Operators and cementing companies must comply with the requirements of the Commission's Statewide rules 8 (Water Protection), 9 (Casing, Cementing, Drilling, and Completion, and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

**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. Form W-15 should be filed with the following:

- \* An initial oil or gas completion report, Form W-2 or G-1, as required by Statewide or special field rules;
- \* Form W-4, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
- \* Form W-3, Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete W-15, in addition to Form W-3, to show any casing cemented in the hole.

**Where to file.** The appropriate Commission District Office for the county in which the well is located.

**Surface casing.** An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

**Centralizers.** Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In nondeviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

**Exceptions and alternative casing programs.** The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. An operator must obtain approval of any exception before beginning casing and cementing operations.

**Intermediate and production casing.** For specific technical requirements, operators should consult Statewide Rule 12 (b) (3) and (4).

**Plugging and abandoning.** Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. 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.

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

Form W-15  
Cementing Report  
Rev. 4/1/83  
HLBRTN1036

# RAILROAD COMMISSION OF TEXAS

## Oil and Gas Division

1. Operator's Name (As Shown on Form P-5, Organization Report)	2. RRC Operator No.	3. RRC District No.	4. County of Well Site
RELIANCE ENERGY, Inc	700995	08	ANDREWS
5. Field Name (Wildcat or Exactly as Shown on RRC Records)	6. API No.	7. Drilling Permit No.	
Spraberry (Trend Area)	42-003-42706	71109A	
8. Lease Name	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well Number
MABEE 240A		40917	2005

CASING CEMENTING DATA:		SURFACE CASING	INTERMEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				SINGLE STRING	MULTIPLE PARALLEL STRINGS	TOOL	SHOE
12. Cementing Date						4/26/2011	4/27/2011
13. *Drilled Hole Size						11"	11"
*Ext. % Wash or Hole Enlargement							
14. Size of Casing (in. O.D.)						8-5/8"	8-5/8"
15. Top of Liner (ft)							
16. Setting Depth (ft)						1850'	5554
17. Number of Centralizers Used						2	22
18. Hrs. Waiting on Cement Before Drill-Out						26	26
1st Slurry	19. API Cement Used: No. of Sacks >					400	800
	Class >					CLASS C	CLASSC
	Additives >					REMARK1	REMARK3
2nd Slurry	No. of Sacks >					200	
	Class >					CLASS C	
	Additives >					REMARK2	
3rd Slurry	No. of Sacks >						
	Class >						
	Additives >						
1st	20. Slurry Pumped: Volume (cu.ft.) >					980	1416
	Height (ft) >					3885	5570
2nd	Volume (cu.ft.) >					268	
	Height (ft) >					1054	
3rd	Volume (cu.ft.) >						
	Height (ft) >						
	Volume (cu.ft.) >					1248	1416
	Height (ft) >					4939	5570
21. Was Cement Circulated to Ground Surface (or Bottom of Casing) Outside Casing?						NO	YES
22. Remarks 1 10% Gel + 5% Salt + 1/8#/Sk Celloflake 2 1% CaCl2 3 4% Gel + 5% Salt + 1/8#/SK Celloflake TOC on shoe calc @ 3,140' TOC on tool: Surf-Circ.							

OVER →

42-003-42706 (pg 2 of 2) Value 240A # 2005 (Lester Casey)

CEMENTING TO PLUG AND ABANDON	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
23. Cementing Date								
24. Size of Hole or Pipe Plugged (in)								
25. Depth to Bottom of Tubing or Drill Pipe (ft)								
26. Sacks of Cement Used (each plug)								
27. Slurry Volume Pumped (cu.ft.)								
28. Calculated Top of Plug (ft)								
29. Measured Top of Plug, If Tagged (ft)								
30. Slurry Wt. (lbs/gal)								
31. Type Cement								

CEMENTERS 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.

UIS RIOS / SERVICE SUPERVISOR  
Name and Title of Cementer's Representative

O-TEX PUMPING SERVICES  
Cementing Company

Signature

2611 East I-20  
Address City State Zip Code

Midland, Texas 79706

432-686-8559

Tel: Area Code Number

4/26/2011

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.

Sylvia Schkade  
Typed or Printed Name of Operators Representative

Eng. Supv.  
Title

Sylvia Schkade  
Signature

500 W. Illinois, Ste. 1200, Midland, TX 79701  
Address City State Zip Code

432-6083-4816  
Tel: Area Code Number

12-15-2011  
Date: Mo. Day Yr.

### Instruction to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide rules 8 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion, and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

1. 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. Form W-15 should be filed with the following:

- \* An initial oil or gas completion report, Form W-2 or G-1, as required by Statewide or special field rules;
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- \* Form W-3, Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete W-15, in addition to Form W-3, to show any casing cemented in the hole.

2. Where to file. The appropriate Commission District Office for the county in which the well is located.

3. Surface casing. An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Commission.

4. Centralizers. Surface casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In nondeviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

5. Exceptions and alternative casing programs. The District Director may grant an exception to the requirements of Statewide Rule 13. In a written applications, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. An operator must obtain approval of any exception before beginning casing and cementing operations.

6. Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 12 (b) (3) and (4).

7. Plugging and abandoning. Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. 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.

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

Form W-15  
Cementing Report  
Rev. 4/1/83  
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# RAILROAD COMMISSION OF TEXAS

## Oil and Gas Division

1. Operator's Name (As Shown on Form P-5, Organization Report)	2. RRC Operator No.	3. RRC District No.	4. County of Well Site
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5. Field Name (Wildcat or Exactly as Shown on RRC Records)	6. API No.	7. Drilling Permit No.	
Spraberry (Trend Area)	42-003-42706	711099	
8. Lease Name	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well Number
Mabee 240A		40917	2005

CASING CEMENTING DATA:		SURFACE CASING	INTERMEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				SINGLE STRING	MULTIPLE PARALLEL STRINGS	TOOL	SHOE
12. Cementing Date				5/11/2011			
13. *Drilled Hole Size				7-7/8"			
*Ext. % Wash or Hole Enlargement							
14. Size of Casing (in. O.D.)				5-1/2"			
15. Top of Liner (ft)							
16. Setting Depth (ft)				11950'			
17. Number of Centralizers Used				22			
18. Hrs. Waiting on Cement Before Drill-Out				172			
1st Slurry	19. API Cement Used: No. of Sacks >			300			
	Class >			H			
	Additives >			Remarks #1			
2nd Slurry	No. of Sacks >			800			
	Class >			H			
	Additives >			Remarks #2			
3rd Slurry	No. of Sacks >						
	Class >						
	Additives >						
1st	20. Slurry Pumped: Volume (cu.ft.) >			1035			
	Height (ft) >			5974			
2nd	Volume (cu.ft.) >			960			
	Height (ft) >			5541			
3rd	Volume (cu.ft.) >						
	Height (ft) >						
	Volume (cu.ft.) >			1995			
	Height (ft) >			11515			
21. Was Cement Circulated to Ground Surface (or Bottom of Celler) Outside Casing?				No			
22. Remarks 1 3% Gel + 3% SMS + 3/10% C-20 + 5#/SK Kolseal + 1/4#/Sk Celloflake 2 7/10% C-18 + 3/10% C-37 + 2#/Sk Kolseal + 1/4#/Sk Celloflake + .05 % C-20 TDC calc @ 5601'; CBH est TDC @ 6,550'							

(42-103-4816) well 240A #2005 (pg 2 of 2) Prod Csg.

CEMENTING TO PLUG AND ABANDON	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
3. Cementing Date								
4. Size of Hole or Pipe Plugged (in)								
5. Depth to Bottom of Tubing or Drill Pipe (ft)								
6. Sacks of Cement Used (each plug)								
7. Slurry Volume Pumped (cu.ft.)								
8. Calculated Top of Plug (ft)								
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10. Slurry Wt. (lbs/gal)								
1. Type Cement								

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Michael Fuentes-- Service Supervisor  
Name and Title of Cementer's Representative

O-TEX PUMPING SERVICES  
Cementing Company

*Michael Fuentes*  
Signature

611 East I-20  
Address City State Zip Code

Midland, Texas 79706

432-686-8559

Tel: Area Code Number

5/11/2011

Date: Mo. Day Yr.

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*Sylvia Schade*  
Typed or Printed Name of Operator's Representative

Eng. Svcs. Supv.  
Title

*Sylvia Schade*  
Signature

400 W. Illinois, Ste. 1200, Midland TX 79701  
Address City State Zip Code

432-1083-4816  
Tel: Area Code Number

12-15-2011  
Date: Mo. Day Yr.

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