

## RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Tracking No.: 18488  
Status: Submitted

This facsimile W-2 was generated electronically  
from data submitted to the RRC.

API No. 42- 003-42376

<b>Oil Well Potential Test, Completion or Recompletion Report, and Log</b>			7. RRC District No. 08
			8. RRC Lease No. 01270
1. FIELD NAME (as per RRC Records or Wildcat) EMBAR (PERMIAN)	2. LEASE NAME UNIVERSITY ANDREWS	9. Well No. 163	
3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report) CONOCOPHILLIPS COMPANY		RRC Operator No. 172232	10. County of well site ANDREWS
4. ADDRESS ATTN ALVA FRANCO P O BOX 51810 MIDLAND, TX 79710-1810			11. Purpose of filing Initial Potential <input checked="" type="checkbox"/> Retest <input type="checkbox"/> Reclass <input type="checkbox"/> Well record only (Explain in remarks) <input type="checkbox"/>
5. If Operator has changed within last 60 days, name former operator			
6a. Location (Section, Block, and Survey) 19, 10, UL	6b. Distance and direction to nearest town in this county. 16 MILES SW FROM ANDREWS		
12. If workover or reclass, give former field (with reservoir) & Gas ID or oil lease no. FIELD & RESERVOIR N/A		GAS ID or OIL LEASE #	Oil-O Gas-G Well #
13. Type of electric or other log run Combo of Induction/Neutron/Density		14. Completion or recompletion date 02/18/2011	

### SECTION I- POTENTIAL TEST DATA IMPORTANT: Test should be for 24 hours unless otherwise specified infield rules.

15. Date of test 04/09/2011	16. No. of hours tested 24	17. Production method (Flowing, Gas Lift, Jetting, Pumping- Size & Type of pump) Pumping			18. Choke size
19. Production during Test Period	Oil - BBLs ▶ 18.0	Gas - MCF 20	Water - BBLs 405	Gas - Oil Ratio 1111	Flowing Tubing Pressure PSI
20. Calculated 24-Hour Rate	Oil - BBLs ▶ 18.0	Gas - MCF 20	Water - BBLs 405	Oil Gravity-API-60° 40.0	Casing Pressure PSI
21. Was swab used during this test? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		22. Oil produced prior to test (New & Reworked wells) 100.0		23. Injection Gas-Oil Ratio	
REMARKS: N/A					

**INSTRUCTIONS:** File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

	<p><b>WELL TESTERS CERTIFICATION</b></p> <p>I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.</p>
Signature: Well Tester	Name of Company
RRC Representative	

	<p><b>OPERATOR'S CERTIFICATION</b></p> <p>I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct and complete, to the best of my knowledge.</p>
<p>CONOCOPHILLIPS COMPANY</p> <p>Type or printed name of operator's representative</p>	
<p>(432) 688-6906</p> <p>Telephone: Area Code      Number</p>	<p>Regulatory Specialist</p> <p>Title of Person Alva Franco</p> <p>Signature</p>
<p>05/10/2011</p> <p>Month    Day    Year</p>	

SECTION III ON WELL COMPLETION AND LOG (Not Required on Retest)

24. Type of Completion  
 New Well  Deepening  Plug Back  Other

25. Permit to Drill, Plug Back or Deepen DATE 12/16/2010 PERMIT NO. 707068  
 Rule 37 Exception CASE NO.  
 Water Injection Permit PERMIT NO.  
 Salt Water Disposal Permit PERMIT NO.  
 Other PERMIT NO.

26. Notice of Intention to Drill this well was filed in Name of  
 CONOCOPHILLIPS COMPANY

27. Number of producing wells on this lease in this field (reservoir) including this well 77  
 28. Total number of acres in this lease 4223.2

29. Date Plug Back, Deepening, Workover or Drilling Operations: Commenced 01/21/2011 Completed 01/29/2011  
 30. Distance to nearest well, Same Lease & Reservoir 1125.0

31. Location of well, relative to nearest lease boundaries 820.0 Feet From North Line and 1980.0 Feet from East Line of the UNIVERSITY ANDREWS Lease

32. Elevation (DF, RKB, RT, GR ETC.) 322 GL  
 33. Was directional survey made other than inclination (Form W-12)?  Yes  No

34. Top of Pay 5736  
 35. Total Depth 7350  
 36. P. B. Depth 7292  
 37. Surface Casing Determined by Field Rules  Recommendation of T.D.W.R. Railroad Commission (Special)   
 Dt. of Letter 09/29/2006  
 Dt. of Letter 12/17/2010

38. Is well multiple completion?  Yes  No

39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR N/A  
 GAS ID or OIL LEASE # Oil-G Well #

40. Intervals Drilled by: Rotary Tools  Cable Tools  
 41. Name of Drilling Contractor HELMERICH & PAYNE  
 42. Is Cementing Affidavit Attached?  Yes  No

43. CASING RECORD (Report All Strings Set in Well)

CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.
8 5/8	24.0	1503		C 750	12 1/4	CIRC-SURF	1200.0
5 1/2	17.0	7338		50/50 POZ C 650	7 7/8	CIRC-SURF	1670.0
5 1/2	17.0	7338		50/50 POZ C 550	7 7/8	CIRC-SURF	957.0

44. LINER RECORD

Size	Top	Bottom	Sacks Cement	Screen
N/A				

45. TUBING RECORD

Size	Depth Set	Packer Set	From	To
2 7/8	7223		6795	7154
			6520	6708
			5736	6161

46. Producing Interval (this completion) Indicate depth of perforation or open hole

47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Depth Interval	Amount and Kind of Material Used
6798.0 - 7154.0	ACDZ W/4000G 15% HCL;FRAC W/26086 LBS PROPANT 20/40 SUPER LC, 67287G CLEAN FLUID
6520.0 - 6708.0	ACDZ W/3000G 15% HCL;FRAC W/40036 LBS PROPANT 20/40 SUPER LC, 53499G CLEAN FLUID
5735.0 - 6161.0	ACDZ W/1500G 15% HCL;FRAC W/137648 PROPANT 20/40 SUPER LC/JORDAN, 63865G CLEAN FLUID

48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)

Formations	Depth	Formations	Depth
CLEARFORK	5618.0		
LOWER CLEARFORK	6310.0		
WICHITA ALBANY	6741.0		
REMARKS: N/A			

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

**Form W-15**  
 Cementing Report  
 Rev. 4/1/83  
 483-045

**RAILROAD COMMISSION OF TEXAS**  
 Oil and Gas Division

1. Operator's Name (As shown on Form P-5, Organization Report) <b>Conoco Phillips</b>	2. RRC Operator No. <b>172232</b>	3. RRC District No. <b>08</b>	4. County of Well Site <b>Andrews</b>
5. Field Name (Wildcat or exactly as shown on RRC records) <b>Embar (Permian)</b>	6. API No. <b>42-003-42376</b>	7. Drilling Permit No. <b>707068</b>	
8. Lease Name <b>University Andrews</b>	9. Rule 37 Case No.	10. Oil Lease/Gas ID No. <b>01270</b>	11. Well No. <b>163</b>

CASING CEMENTING DATA:		Surface	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date		1/2/2011					
13. Drilling hole size		12 1/4					
Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)		8 5/8					
15. Top of liner (ft.)							
16. Setting depth (ft.)		1503					
17. Number of centralizers used		12					
18. Hrs. waiting on cement before drill-out		24 hrs					
1st Slurry	19. API cement used: No. of sacks	500					
	Class	C					
	Additives	See Remarks					
2nd Slurry	No. of sacks	250					
	Class	C					
	Additives	See Remarks					
3rd Slurry	No. of sacks						
	Class						
	Additives						
1st	20. Slurry pumped: Volume (cu. ft.)	865					
	Height (ft.)	1122.0					
2nd	Volume (cu. ft.)	335					
	Height (ft.)	390.0					
3rd	Volume (cu. ft.)						
	Height (ft.)						
Total	Volume (cu. ft.)	1200					
	Height (ft.)	1512.0					
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?		Yes					

22. Remarks  
 1 Class C + 4% D020 + 1% S001+ 0.125 lbs/sk D130  
 2 Class C Neat  
 Circulated to Surface: 80 bbls, 262 sks

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								

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.

**Emily Long** **Schlumberger Well Services**  
 Name and title of cementer's representative Cementing Company Signature  
**1105 W. Bender** **Hobbs, NM 88240** **575.393.6186** **1/22/2011 0:00**  
 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.

**Alva Franco** **Reg. Specialist**  
 Typed or printed name of operator's representative Title Signature  
**P.O. Box 51810** **Midland, TX 79710** **432/688-6906** **5/9/11**  
 Address City, State, Zip Code Tel.: Area Code Number Date: mo. day yr.

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

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

- 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. 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 Form W-15, in addition to Form W-3, to show any casing cemented in the hole.
- B. Where to file.** The appropriate Commission District Office for the county in which the well is located.
- C. 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.
- D. 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.
- E. 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.
- F. Intermediate and production casing.** For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).
- G. 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 1,000 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  
 483-045

**RAILROAD COMMISSION OF TEXAS**  
 Oil and Gas Division

1. Operator's Name (As shown on Form P-5, Organization Report) <b>ConocoPhillips</b>	2. RRC Operator No.	3. RR 8	4. County of Well Site <b>Andrews</b>
5. Field Name (Wildcat or exactly as shown on RRC records) <b>University Andrews</b>	6. API No. 42-003-42376	7. Drilling Permit No. 707068	
8. Lease Name <b>University Andrews</b>	9. Rule 37 Case No.	10. Oil Lease/G <b>01270</b>	11. Well No. 163

CASING CEMENTING DATA:		Surface	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel St	Tool	Shoe
12. Cementing Date				1/29/2011			
13. ●Drilling hole size				7 7/8			
●Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)				5 1/2			
15. Top of liner (ft.)							
16. Setting depth (ft.)				7338			
17. Number of centralizers used				78			
18. Hrs. waiting on cement before drill-out				24 hrs			
1st Slurry	19. API cement used: No. of sacks ▶			650			
	Class ▶			50/50POZ.C			
	Additives ▶			See Remarks			
2nd Slurry	No. of sacks ▶			550			
	Class ▶			50/50 poz H			
	Additives ▶			See Remarks			
3rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu. ft.) ▶			1670			
	Height (ft.) ▶			9611.0			
2nd	Volume (cu. ft.) ▶			957			
	Height (ft.) ▶			5469.0			
3rd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu. ft.) ▶			2627			
	Height (ft.) ▶			15080.0			
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?				yes			
22. Remarks							
1 LEAD: 10% D20 + 5% D44 + .2 D46 + .125pps D130 + .1% D112 + 1% D42							
2 Tail : 6% D20 + 5%D44 + .2% D46 + .125pps D130 + 1% D112 + 3 PPS D42.							
3 Circulated 50 bbls to pit = 109 sks							

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)								

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.

Stanley Adams

Schlumberger Well Services



Name and title of cementer's representative

Cementing Company

Signature

1105 W. Bender

Hobbs, NM 88240

505.393.6186

1/29/2011 0:00

Address

City, State, Zip Code

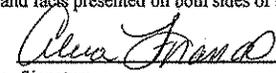
Tel.: Area Code Number

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.

Alva Franco

Req. Specialist



Typed or printed name of operator's representative

Title

Signature

P.O. Box 51810

Midland Tx 79710

432/688-6906

5/9/11

Address

City, State, Zip Code

Tel.: Area Code Number

Date: mo. day yr.

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

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

**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. 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 Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

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

**C. 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.

**D. 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.

**E. 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.

**F. Intermediate and production casing.** For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).

**G. 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 1,000 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.

**RAILROAD COMMISSION OF TEXAS  
OIL AND GAS DIVISION**

Form W-12  
DBC1297 (1-1-71)

<b>INCLINATION REPORT</b> (One Copy Must Be Filed With Each Completion Report.)		6. RRC District <u>08</u>
1. FIELD NAME (as per RRC Records or Wildcat) <u>Embar (Permian)</u>		7. RRC Lease Number. (Oil completions only) <u>01270</u>
2. LEASE NAME <u>University Andrews</u>		8. Well Number <u>163</u>
3. OPERATOR <u>Conoco Phillips</u>		9. RRC Identification Number (Gas completions only)
4. ADDRESS <u>3300 N S. Street, Bldg 6 Midland, TX 79710</u>		10. County <u>Andrews</u>
5. LOCATION (Section, Block, and Survey) <u>19, 10, 11</u>		

**RECORD OF INCLINATION**

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
500	5.00	1	1.75	8.75	8.75
1000	5.00	1.8	3.14	15.70	24.45
1496	4.96	.6	1.05	5.21	29.66
1512	0.16	1.48	2.58	0.41	30.07
2218	7.06	1.2	2.09	14.76	44.83
2489	2.71	2.1	3.66	9.92	54.75
2805	3.16	1.4	2.44	7.71	62.46
2987	1.82	.7	1.22	2.22	64.68
3484	4.97	1.1	1.92	9.54	74.22
3978	4.94	1.2	2.09	10.32	84.54
4473	4.95	1.3	2.27	11.24	95.78
4973	5.00	.5	0.87	4.35	100.13
5470	4.97	.9	1.57	7.80	107.93
5741	2.71	1.4	2.44	6.61	114.54
5875	1.34	2.2	3.84	5.15	119.69
5966	0.91	2.2	3.84	3.49	123.18

If additional space is needed, use the reverse side of this form.

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 7299.00 feet = 166.96 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 820 feet.
21. Minimum distance to lease line as prescribed by field rules 330 feet.
22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? NO
- (If the answer to the above question is "yes", attach written explanation of the circumstances.)

<p><b>INCLINATION DATA CERTIFICATION</b></p> <p>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 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 (*) by the item numbers on this form.</p> <p><u>Andy Dale</u> Signature of Authorized Representative</p> <p><u>Andy Dale, Administrator</u> Name of Person and Title (type or print)</p> <p><u>Helmerich &amp; Payne, IDC</u> Name of Company</p> <p>Telephone: <u>(432) 563-5757</u> Area Code</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>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 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 item numbers on this form.</p> <p><u>Alva Franco</u> Signature of Authorized Representative</p> <p><u>Alva Franco Reg. Specialist</u> Name of Person and Title (type or print)</p> <p><u>ConocoPhillips Co.</u> Operator</p> <p>Telephone: <u>432 688-6900</u> Area Code</p>
---	---

Railroad Commission Use Only:

Approved By: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

\* Designates items certified by company that conducted the inclination surveys.



Tracking No.: 18488

*This facsimile L-1 was generated electronically from data submitted to the RRC.*

**Instructions**

**When to File Form L-1:**

- with Forms G-1, W-2, and GT-1 for new and deepened gas, oil, and geothermal wells
- with Form W-3 for plugged dry holes
- when sending in a log which was held under a request for confidentiality and the period for confidentiality has not yet expired.

**When is Form L-1 NOT required:**

- with Forms W-2, G-1, and GT-1 filed for injection wells, disposal wells, water supply wells, service wells, re-test wells, re-classifications, and plugbacks of oil, gas or geothermal wells
- with Form W-3 for plugging of other than a dry hole

**Where to File Form L-1:**

- with the appropriate Commission district office

**Filling out Form L-1:**

- Section I and the signature section must be filled out for all wells
- complete only the appropriate part of Section II

**Type of log required:**

- any wireline survey run for the purpose of obtaining lithology, porosity, or resistivity information
- no more than one such log is required but it must be of the subject well
- if such log is NOT run on the subject well, do NOT substitute any other type of log; just select Section II, Part A below

**SECTION I. IDENTIFICATION**

Operator Name: CONOCOPHILLIPS COMPANY	District No. 08	Completion Date: 02/18/2011
Field Name EMBAR (PERMIAN)	Drilling Permit No. 707068	
Lease Name UNIVERSITY ANDREWS	Lease/ID No. 01270	Well No. 163
County ANDREWS	API No. 42- 003-42376	

**SECTION II. LOG STATUS (Complete either A or B)**

A. BASIC ELECTRIC LOG NOT RUN

B. BASIC ELECTRIC LOG RUN. (Select one)

- 1. Confidentiality is requested and a copy of the header for each log that has been run on the well is attached.
- 2. Confidentiality already granted on basic electric log covering this interval (applicable to deepened wells only).
- 3. Basic electric log covering this interval already on file with Commission (applicable to deepened wells only).
- 4. Log attached to (select one):

(a) Form L-1 (this form). If the company/lease name on log is different from that shown in Section I, please enter name on log here: LOG WILL BE MAILED

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). \_\_\_\_\_

Well No(s). \_\_\_\_\_

<p><u>Alva Franco</u> Signature</p> <p><u>CONOCOPHILLIPS COMPANY</u> Name (print)</p>	<p><u>Regulatory Specialist</u> Title</p> <p><u>(432) 688-6906</u>      <u>05/10/2011</u> Phone      Date</p>
---	---

-FOR RAILROAD COMMISSION USE ONLY-

18488

Schlumberger

Company: ConocoPhillips Company

Well: University Andrews 163

Field: Embar (Permian)

County: Andrews

State: Texas

County: Andrews Field: Embar (Permian) Location: 820' FNL & 1980' FEL Well: University Andrews 163 Company: ConocoPhillips Company	<b>PLATFORM EXPRESS</b> <b>Compensated Neutron Log</b> <b>Three Detector LithoDensity</b>				
	820' FNL & 1980' FEL Section 19; Block 10 UL Survey			Elev.: K.B. 3268.00 ft G.L. 3252.00 ft D.F. 3267.00 ft	
	Permanent Datum: <u>Ground Level</u>		Elev.: <u>3252.00 ft</u>		
	Log Measured From: <u>Kelly Bushing</u>		16.00 ft above Perm. Datur		
Drilling Measured From: <u>Kelly Bushing</u>		API Serial No. 42-003-42376	Section 19	Block 10	Survey UL
Logging Date		28-Jan-2011			
Run Number		One			
Depth Driller		7350 ft			
Schlumberger Depth		7350 ft			
Bottom Log Interval		7350 ft			
Top Log Interval		3500 ft			
Casing Driller Size @ Depth		8.625 in @ 1503 ft		@	
Casing Schlumberger		1501 ft			
Bit Size		7.875 in			
Type Fluid In Hole		Brine			
MUD	Density	Viscosity	10 lbrn/gal	35 s	
	Fluid Loss	PH	15 cm3	10	
	Source Of Sample		Mud Pit		
RM @ Measured Temperature		0.053 ohm.m @ 70 degF		@	
RMF @ Measured Temperature		0.053 ohm.m @ 70 degF		@	
RMC @ Measured Temperature		@		@	
Source RMF		RMC		Rm = Rmf	
RM @ MRT		RMF @ MRT		0.033 @ 115 0.033 @ 115 @ @	
Maximum Recorded Temperatures		115 degF		115 115	
Circulation Stopped		Time		28-Jan-2011 4:00	
Logger On Bottom		Time		28-Jan-2011 14:50	
Unit Number		Location		2322 Midland, TX	
Recorded By		Sarah Yost / Heather Lemieux			
Witnessed By		Michelle Navarrette / Terry Brumley			