

# RAILROAD COMMISSION OF TEXAS

Tracking No.: 37831

Status: Submitted

Oil and Gas Division

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

API No. 42- 003-43551

7. RRC District No.  
08

8. RRC Lease No.

## Oil Well Potential Test, Completion or Recompletion Report, and Log

1. FIELD NAME (as per RRC Records or Wildcat)  
FULLERTON

2. LEASE NAME  
UNIVERSITY 11

9. Well No.  
12

3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report)  
SANDRIDGE EXPL. AND PROD., LLC

RRC Operator No.  
748011

10. County of well site  
ANDREWS

4. ADDRESS

123 ROBERT S KERR AVE OKLAHOMA CITY, OK 73102-6406

11. Purpose of filing

Initial Potential ☒

Retest ☐

Reclass ☐

Well record only  
(Explain In remarks) ☐

5. If Operator has changed within last 60 days, name former operator

6a. Location (Section, Block, and Survey)

29 , 13 , UL , A-U421

6b. Distance and direction to nearest town in this county.

15 MILES NORTHWEST OF ANDREWS

12. If workover or reclass, give former field (with reservoir) & Gas ID or oil lease no.

FIELD & RESERVOIR

GAS ID or  
OIL LEASE #

Oil-0  
Gas-G

Well #

N/A

13. Type of electric or other log run  
Gamma Ray (MWD)

14. Completion or recompletion date  
01/12/2012

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

15. Date of test 01/19/2012	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 191.0	Gas - MCF 82	Water - BBLS 157	Gas - Oil Ratio 429	Flowing Tubing Pressure 220.0 PSI
20. Calculated 24-Hour Rate	Oil - BBLS 191.0	Gas - MCF 82	Water - BBLS 157	Oil Gravity-API-60° 32.0	Casing Pressure 34.0 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)			23. Injection Gas-Oil Ratio
REMARKS: N/A					

**INSTRUCTIONS:** File an original and one copy of the completed FormW-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.

#### WELL TESTERS CERTIFICATION

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.

Signature: Well Tester

Name of Company

RRC Representative

#### 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 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.

SANDRIDGE EXPL. AND PROD., LLC

Type or printed name of operator's representative

(405) 429-6518

02/10/2012

Telephone: Area Code

Number

Month Day Year

Regulatory Analyst

Title of Person

Spencer Laird

Signature

SECTION III										DATA ON WELL COMPLETION AND LOG (Not Required on Retest)									
24. Type of Completion New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>										25. Permit to Drill, Plug Back or Deepen DATE 10/20/2011 PERMIT NO. 726459 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 <b>SANDRIDGE EXPL. AND PROD., LLC</b>																			
27. Number of producing wells on this lease in this field (reservoir) including this well <b>6</b>					28. Total number of acres in this lease <b>321.42</b>														
29. Date Plug Back, Deepening, Workover or Drilling Operations: <b>10/24/2011</b>		Commenced <b>10/24/2011</b>		Completed <b>10/30/2011</b>		30. Distance to nearest well, Same Lease & Reservoir <b>1418.0</b>													
31. Location of well, relative to nearest lease boundaries <b>1100.0</b> Feet From <b>North</b> Line and <b>850.0</b> Feet from <b>East</b> Line of the <b>UNIVERSITY 11</b> Lease																			
32. Elevation (DF, RKB, RT, GR ETC.) <b>3282</b> <b>GL</b>					33. Was directional survey made other than inclination (Form W-12)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No														
34. Top of Pay <b>6734</b>		35. Total Depth <b>7327</b>		36. P. B. Depth <b>7282</b>		37. Surface Casing Determined by Field Rules <input type="checkbox"/>		Recommendation of T.D.W.R. <input checked="" type="checkbox"/> Railroad Commission (Special) <input type="checkbox"/>		Dt. of Letter <b>10/21/2011</b> Dt. of Letter _____									
38. Is well multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																			
39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. <b>FIELD &amp; RESERVOIR</b> <b>N/A</b>										GAS ID or OIL LEASE # _____		Oil-G Gas-G _____		Well # _____					
40. Intervals Drilled by: <input checked="" type="checkbox"/> Rotary Tools <input type="checkbox"/> Cable Tools		41. Name of Drilling Contractor <b>LARIAT</b>								42. Is Cementing Affidavit Attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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		1727				CLASS C 770		12 1/4		SURFACE		1382.0					
5 1/2		17.0		7327				CLASS H 820		7 7/8		2700		1325.0					
44. LINER RECORD																			
Size		Top		Bottom		Sacks Cement		Screen											
N/A																			
45. TUBING RECORD																			
Size		Depth Set		Packer Set		From		6734		To		6881							
2 7/8		7232				From		6954		To		7160							
						From				To									
						From				To									
47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE. ETC.																			
Depth Interval				Amount and Kind of Material Used															
6734.0				6881.0				34 BBL ACID, 3147 BBL LINEAR GEL, 157 BBL FRESH WATER & 136,344 # PROP											
6954.0				7160.0				62 BBL ACID, 3400 BBL LINEAR GEL, 148 BBL FRESH WATER & 138,756 # PROP											
48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)																			
Formations		Depth		Formations		Depth													
TUBB		6614.0																	
LOWER CLEARFORK		6652.0																	
WICHITA ALBANY		7083.0																	
REMARKS: N/A																			



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

RAILROAD COMMISSION OF TEXAS  
Oil and Gas Division

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

1. Operator's Name (As shown on Form P-5, Organization Report) <b>Sandridge Exploration</b>	2. RRC Operator No. <b>748011</b>	3. RRC District No. <b>8</b>	4. County of Well Site <b>Andrews</b>
5. Field Name (Wildcat or exactly as shown on RRC Records) <b>Fullerton</b>		6. API No. <b>42-003-43551</b>	7. Drilling Permit No. <b>726459</b>
8. Lease Name <b>University 11</b>	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No. <b>12</b>

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date		10/25/2011					
13. • Drilled 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.)		1727					
17. Number of centralizers used		11					
18. Hrs. Waiting on cement before drill-out		12 +					
1 <sup>st</sup> Slurry	19. API cement used: No. of sacks ▶	600					
	Class ▶	35/65 C					
	Additives ▶	Remarks 1					
2 <sup>nd</sup> Slurry	No. of sacks ▶	170					
	Class ▶	C					
	Additives ▶	Remarks 2					
3 <sup>rd</sup> Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1 <sup>st</sup>	20. Slurry pumped: Volume (cu. ft.) ▶	1098					
	Height (ft.) ▶	2660					
2 <sup>nd</sup>	Volume (cu. ft.) ▶	284					
	Height (ft.) ▶	688					
3 <sup>rd</sup>	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu. ft.) ▶	1382					
	Height (ft.) ▶	3348					
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?		Yes					
22. Remarks 1. 6% Gel +36% Salt + 1/8#sk/Celloflake 2. 4% Gel +2% Cacl2 +1/8#sk/ Celloflake							

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. (lb/gal)								
31. Type cement								

CEMENTER'S CERTIFICATE: I declare under penalties 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.

Jesse Ulate, Service Supervisor  
Name and title of cementer's representative

O-Tex Pumping LLC  
Cementing Company

[Signature]  
Signature

2611 East I-20      Midland      Texas      79706      (432)686-8559      10/25/2011  
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.

Spence Laird  
Typed or printed name of operator's representative

Regulatory Analyst  
Title

[Signature]  
Signature

123 Robert S. Kerr Ave      OKC      OK      73102      405-429-6518      1 / 4 / 12  
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 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).

- 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 rates;
  - 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 Committee.
- 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 Non-deviated 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 (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-16  
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
Sandridge Exploration & Production	748011	8	ANDREWS
5. Field Name (Wildcat or Exactly as Shown on RRC Records)	6. API No.	7. Drilling Permit No.	
Fullerton	42-003-43551	726459	
8. Lease Name	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well Number
University 11			12

CASING CEMENTING DATA:		SURFACE CASING	INTERMEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				SINGLE STRING	MULTIPLE PARALLEL STRINGS	TOOL	SHOE
12. Cementing Date				10/30/2011			
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)				7327			
17. Number of Centralizers Used				46			
18. Hrs. Waiting on Cement Before Drill-Out				12 +			
1 st Slurry	19. API Cement Used: No. of Sacks >			220			
	Class >			50:50 H			
	Additives >			REMARKS 1			
2 nd Slurry	No. of Sacks >			600			
	Class >			50:50 H			
	Additives >			REMARKS 2			
3 rd Slurry	No. of Sacks >						
	Class >						
	Additives >						
1st	20. Slurry Pumped: Volume (cu.ft.) >			539			
	Height (ft) >			3112			
2nd	Volume (cu.ft.) >			786			
	Height (ft) >			1430			
3rd	Volume (cu.ft.) >						
	Height (ft) >						
	Volume (cu.ft.) >			1325			
	Height (ft) >			4542			
21. Was Cement Circulated to Ground Surface (or Bottom of Casing) Outside Casing?							
22. Remarks 1 10% Gel + 1/4#/sk Celloflake 5% Salt + 5#/sk Kolseal 2 2% Gel + 8/10% C-16A + 10% Salt + 2% Gypsum + 1/4% c-12 + 5#/sk Kolseal + 1/4#/sk Celloflake							

OVER ➔

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.

**BRANDON GRAF**  
Name and Title of Cementer's Representative

**O-TEX PUMPING SERVICES**  
Cementing Company

*[Signature]*  
Signature

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

**432-686-8559**  
Tel: Area Code      Number

**10/30/2011**  
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.

**Spence Laird**  
Typed or Printed Name of Operators Representative

**Regulatory Analyst**  
Title

*[Signature]*  
Signature

**23 Robert S. Kerr**      **OKC**      **OK**      **73102**  
Address      City      State      Zip Code

**405-429-6518**  
Tel: Area Code      Number

**1 / 4 / 12**  
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), 3 (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;
- \* 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.

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

2. **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.

2. **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.

1. **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.

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

3. **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.



RAILROAD COMMISSION OF TEXAS  
OIL AND GAS DIVISION

Form W-12  
(1-1-71)  
FOD1296

<b>INCLINATION REPORT</b> (One Copy Must Be Filed With Each Completion Report)		6. RRC District <div style="text-align: center;"><b>08</b></div>
1. FIELD NAME (as per RRC Records or Wildcat) <div style="text-align: center;"><b>FUHRMAN-MASCHO</b></div>	2. LEASE NAME <div style="text-align: center;"><b>UNIVERSITY 11</b></div>	7. RRC Lease Number. (Oil completions only)
3. OPERATOR <b>SANDRIDGE EXPL. AND PROD., LLC</b>		8. Well Number <div style="text-align: center;"><b>12</b></div>
4. ADDRESS <b>123 ROBERT S. KERR AVE.</b> <b>OKLAHOMA CITY, OK 73102</b>		9. RRC Identification Number (Gas completions only)
5. LOCATION (Section, Block, and Survey) <b>SEC. 29, BLK. 13, UL, A-U421</b>		10. County <div style="text-align: center;"><b>ANDREWS</b></div>

**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 x 100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
230	2.30	0.50	0.87	2.00	2.00
725	4.95	0.25	0.44	2.17	4.17
1200	4.75	0.25	0.44	2.09	6.26
1666	4.66	1.25	2.18	10.15	16.41
2154	4.88	0.75	1.31	6.39	22.80
2662	5.08	1.00	1.75	8.89	31.69
3127	4.65	1.25	2.18	10.13	41.82
4061	9.34	1.00	1.75	16.34	58.16
4569	5.08	0.75	1.31	6.65	64.81
5075	5.06	0.50	0.87	4.40	69.21
5936	8.61	1.00	1.75	15.06	84.27
6432	4.96	1.00	1.75	8.68	92.95
6623	1.91	0.75	1.31	2.50	95.45

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 6623 feet = 95.45 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..... 850 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.)

<b>INCLINATION DATA CERTIFICATION</b>  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.  <div style="text-align: center;"> </div> <hr/> Signature of Authorized Representative <b>ROSS KIRTLEY, VP SERVICES</b> <hr/> Name of Person and Title (type or print) <b>LARIAT SERVICES, INC.</b> <hr/> Name of Company <hr/> Telephone: <u>(405) 429-5507</u> <div style="text-align: center;">Area Code</div>	<b>OPERATOR CERTIFICATION</b>  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.  <div style="text-align: center;"> </div> <hr/> Signature of Authorized Representative <u>Spence Laird</u> <b>Regulatory Analyst</b> <hr/> Name of Person and Title (type or print) <u>Sandridge Expl. &amp; Prod., LLC</u> <hr/> Operator <hr/> Telephone: <u>405. 429. 6518</u> <div style="text-align: center;">Area Code</div>
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*Railroad Commission Use Only:*

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

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

## RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

ELECTRIC LOG  
STATUS REPORT

FORM L-1

Tracking No.: 37831

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: SANDRIDGE EXPL. AND PROD., LLC	District No. 08	Completion Date: 01/12/2012
Field Name FULLERTON	Drilling Permit No. 726459	
Lease Name UNIVERSITY 11	Lease/ID No.	Well No. 12
County ANDREWS	API No. 42- 003-43551	

## 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: \_\_\_\_\_

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

Spencer Laird

Signature

SANDRIDGE EXPL. AND PROD., LLC

Name (print)

Regulatory Analyst

Title

(405) 429-6518

Phone

02/10/2012

Date

-FOR RAILROAD COMMISSION USE ONLY-

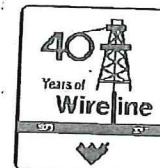




**Weatherford™**

**DUAL LATEROLOG  
MICRO LATEROLOG  
SPECTRAL GAMMA RAY**

COMPANY **SANDRIDGE EXPL. AND PROD., LLC**  
WELL **UNIVERSITY 11 #12**  
FIELD **FULLERTON**  
PROVINCE/COUNTY **ANDREWS**  
COUNTRY/STATE **U.S.A. / TEXAS**  
LOCATION **1100' FNL & 850' FEL  
SEC 29 BLK 13 UL SURVEY A-U421**



SEC	TWP	RGE	Other Services PHOTO DENSITY	COMPENSATED NEUTRON
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API Number 42-003-43551  
Permit Number 726459

Permanent Datum GL, Elevation 3282 feet

Log Measured From KB

Drilling Measured From KB

Elevations:	feet
KB	3295.00
DF	3294.00
GL	3282.00

Date	29-OCT-2011		
Run Number	ONE		
Depth Driller	7339.00	feet	
Depth Logger	7334.00	feet	
First Reading	7332.00		
Last Reading	1726.00		
Casing Driller	1727.00	feet	
Casing Logger	1726.00	feet	
Bit Size	7.875	inches	
Hole Fluid Type	BRINE		
Density / Viscosity	10.20 lb/USg	35.00 sec/qt	
PH / Fluid Loss	10.00	14.80 ml/30Min	
Sample Source	FLOWLINE		
Rm @ Measured Temp	0.047 @ 80.0	ohm-m	
Rmf @ Measured Temp	0.035 @ 80.0	ohm-m	
Rmc @ Measured Temp	0.058 @ 80.0	ohm-m	
Source Rmf / Rmc	CALC	CALC	
Rm @ BHT	0.033 @ 112.0	ohm-m	
Time Since Circulation	10 HOURS		
Max Recorded Temp	112.00	deg F	
Equipment Name	COMPACT		
Equipment / Base	13270	ODESSA	
Recorded By	JOHN WELLS		
Witnessed By	WILL MURLEY		

CERTIFICATE OF COMPLIANCE  
AND TRANSPORTATION AUTHORITY

This facsimile P-4 was generated electronically from data submitted to the RRC.  
A certification of the automated data is available in the RRC's Austin office.

Tracking No.: 37831

[illegible]



Groundwater  
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Date **October 21, 2011**

GAU File No.: SC- **14763**

\*\*\*\*\* EXPEDITED APPLICATION \*\*\*\*\*

API Number **00300000**

Attention: **BROOKE MILFORD**

RRC Lease No. **000000**

SC\_748011\_00300000\_000000\_14763.pdf

SANDRIDGE E&P LLC  
123 ROBERT S KERR  
OKLAHOMA CITY OK 73102

P-5# 748011

--Measured--

850 ft FEL

1100 ft FNL

MRL: SECTION

Digital Map Location:

X-coord/Long **371328**

Y-coord/Lat **294463**

Datum **27** Zone **NC**

County **ANDREWS**

Lease & Well No. **UNIVERSITY 11 #12&ALL**

Purpose **ND**

Location **SUR-UL,BLK-13,SEC-29,--[TD=7300],[RRC 8],**

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

The interval from the land surface to a depth of 250 feet and the ZONE from 1150 feet to 1600 feet must be protected.

This recommendation is applicable to all wells drilled in this section 29.

Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. **This recommendation is intended for normal drilling, production, and plugging operations only. It does not apply to saltwater disposal operation into a nonproductive zone (RRC Form W-14).**

If you have any questions, please contact us at 512-463-2741, [gau@rrc.state.tx.us](mailto:gau@rrc.state.tx.us), or by mail.

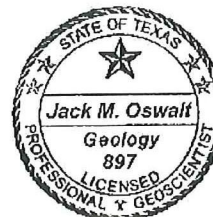
Sincerely,



Digitally signed by Jack Oswalt  
DN: c=US, st=TEXAS, l=Austin, o=Railroad  
Commission of Texas, cn=Jack Oswalt,  
email=jack.oswalt@rrc.state.tx.us  
Date: 2011.10.21 14:42:29 -05'00'

**Jack M. Oswalt, P.G.**

GEOLOGIST SEAL



Geologist, Groundwater Advisory Unit  
Oil & Gas Division

The seal appearing on this document was authorized by Jack M. Oswalt on 10/21/2011  
Note: Alteration of this electronic document will invalidate the digital signature.