

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Tracking No.: 87220

Status: Submitted

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

API No. 42- 003-44871

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) FUHRMAN-MASCHO		2. LEASE NAME UNIVERSITY 13-34		9. Well No. 1	
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 <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) 34 , 13 , UL		6b. Distance and direction to nearest town in this county. 10 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 COMP. NEUTRON			14. Completion or recompletion date 09/12/2013		

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

15. Date of test 09/21/2013	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 62.0	Gas - MCF 22	Water - BBLS 135	Gas - Oil Ratio 354	Flowing Tubing Pressure 0.0 PSI
20. Calculated 24- Hour Rate	Oil - BBLS 62.0	Gas - MCF 22	Water - BBLS 135	Oil Gravity-API-60° 32.0	Casing Pressure 0.0 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 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.

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) 429-6414

10/07/2013

Telephone: Area Code

Number

Month Day Year

Regulatory Technician

Title of Person

Chelsey Green

Signature

SECTION III										DATA ON WELL COMPLETION AND LOG (Not Required on Retest)									
24. Type of Completion										25. Permit to Drill, Plug Back or Deepen									
New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>										DATE 10/24/2012 PERMIT NO. 750132									
26. Notice of Intention to Drill this well was filed in Name of SANDRIDGE EXPL. AND PROD., LLC										Rule 37 Exception									
27. Number of producing wells on this lease in this field (reservoir) including this well 1										CASE NO.									
28. Total number of acres in this lease 640.0										Water Injection Permit									
29. Date Plug Back, Deepening, Workover or Drilling Operations: 08/06/2013										PERMIT NO.									
30. Distance to nearest well, Same Lease & Reservoir 0.0										Salt Water Disposal Permit									
31. Location of well, relative to nearest lease boundaries 330.0 Feet From North Line and 330.0 Feet from East Line of the UNIVERSITY 13-34 Lease										Other									
32. Elevation (DF, RKB, RT, GR ETC.) 3259 GL										PERMIT NO.									
33. Was directional survey made other than inclination (Form W-12)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No										PERMIT NO.									
34. Top of Pay 4554										35. Total Depth 5205									
36. P. B. Depth 4909										37. Surface Casing Determined by Field Rules <input type="checkbox"/>									
38. Is well multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No										Recommendation of T.D.W.R. <input checked="" type="checkbox"/> Dt. of Letter 10/19/2012									
39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR N/A										Railroad Commission (Special) <input type="checkbox"/> Dt. of Letter									
40. Intervals Drilled by: Rotary Tools <input checked="" type="checkbox"/> Cable Tools <input type="checkbox"/>										41. Name of Drilling Contractor LARIAT									
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		1682				C 700		12 1/4		SURF		1190.0					
5 1/2		15.5		5205				C 700		7 7/8		SURF		1427.0					
44. LINER RECORD																			
Size		Top		Bottom		Sacks Cement		Screen											
N/A																			
45. TUBING RECORD																			
Size		Depth Set		Packer Set		From		To											
2 7/8		4634				4554		4774											
						4946		5000											
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																	
4554.0		4774.0																	
4946.0		5000.0																	
48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)																			
Formations		Depth		Formations		Depth													
GRAYBURG		4275.0																	
LOWER GRAYBURG		4495.0																	
SAN ANDRES		4595.0																	
REMARKS: CIBP SET @ 4900' W/ 2SX.																			

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) <i>Sandridge Expl. & Prod, LLC</i>	2. RRC Operator No. <i>748011</i>	3. RRC District No. <i>08</i>	4. County of Well Site <i>Andrews</i>
5. Field Name (Wildcat or exactly as shown on RRC Records) <i>Fuhrman Mascho</i>		6. API No. <i>42-003-44871</i>	7. Drilling Permit No. <i>750132</i>
8. Lease Name <i>University 13-34</i>	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No. <i>#1</i>

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date		8-7-2013					
13. • Drilled Hole Size		<i>12 1/4</i>					
• Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)		<i>8 5/8</i>					
15. Top of liner (ft.)							
16. Setting depth (ft.)		<i>1082</i>					
17. Number of centralizers used		<i>10</i>					
18. Hrs. Waiting on cement before drill-out		<i>12+</i>					
1 st Slurry	19. API cement used: No. of sacks ▶	500					
	Class ▶	Class C					
	Additives ▶	Remarks #1					
2 nd Slurry	No. of sacks ▶	200					
	Class ▶	Class C					
	Additives ▶	Remarks #2					
3 rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1 st	20. Slurry pumped: Volume (cu. ft.) ▶	920					
	Height (ft.) ▶	2228					
2 nd	Volume (cu. ft.) ▶	270					
	Height (ft.) ▶	653					
3 rd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu. ft.) ▶	1190					
	Height (ft.) ▶	2881					
21. Was cement circulated to ground surface (or bottom of cellar) outside casing ?		Yes					
(22). Remarks #1: Slurry Additives: Class C (35poz:65C:6gel) + 0.125#/sk Cello Flake + 5% Salt + 0.2% Flo-1 Remarks #2: Slurry Additives: Class C + 0.2% Flo-1 + 1% Cacl-2 Circ. 165 sks 54 bbls To Surface							

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.

James Robertson Service Supervisor
Name and title of cementer's representative

TRICAN WELL SERVICE
Cementing Company

[Signature]
Signature

8200 E I-20 Odessa, TX 79765 423.488.3800 8-7-2013
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.

John Parsley
Typed or printed name of operator's representative

CO Rep
Title

[Signature]
Signature

123 Robert S Kurr Ave OKC, OK 73102 405-429-6414 10/4/13
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 foot 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.

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

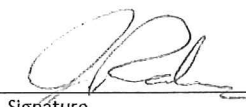
Form W-15
Cementing Report
Rev. 4/1/83
483-045

1. Operator's Name (As shown on Form P-5, Organization Report) <i>Sandridge Energy</i>	2. RRC Operator No. <i>748011</i>	3. RRC District No. <i>08</i>	4. County of Well Site <i>Andrews</i>
5. Field Name (Wildcat or exactly as shown on RRC Records) <i>Fuhrman Mascho</i>		6. API No. <i>42-003-44871</i>	7. Drilling Permit No. <i>750132</i>
8. Lease Name <i>University 13-34</i>	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No. <i>#1</i>

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date				8-10-2013			
13. • Drilled Hole Size				<i>7 7/8</i>			
• Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)				<i>5 1/2</i>			
15. Top of liner (ft.)							
16. Setting depth (ft.)				<i>5205</i>			
17. Number of centralizers used				<i>30</i>			
18. Hrs. Waiting on cement before drill-out				<i>12+</i>			
1 st Slurry	19. API cement used: No. of sacks ▶			500			
	Class ▶			Class C			
	Additives ▶			Remarks #1			
2 nd Slurry	No. of sacks ▶			200			
	Class ▶			Class C			
	Additives ▶			Remarks #2			
3 rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1 st	20. Slurry pumped: Volume (cu. ft.) ▶			1175			
	Height (ft.) ▶			6782			
2 nd	Volume (cu. ft.) ▶			246			
	Height (ft.) ▶			1419			
3 rd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu. ft.) ▶			1427			
	Height (ft.) ▶			8201			
21. Was cement circulated to ground surface (or bottom of cellar) outside casing ?				Yes			
(22). Remarks #1: Slurry Additives: Class C (50poz:50C:10gel) + 5% Salt + 3#/sk Kol Seal + 0.125#/sk Cello Flake + 0.2% Flo-1 Remarks #2: Slurry Additives: Class C (50poz:50C:2gel) + 5% Salt + 0.2% Flo-1 Circ.100 sks 42 bbls To Surface							

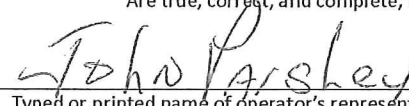

CEMENTING TO PLUG AND ABANDON	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
23. Cementing date								
24. Size of hole or pipe plugged (in.)								
25. Depth to bottom of tubing or drill pipe (ft.)								
26. Sacks of cement used (each plug)								
27. Slurry volume pumped (cu. 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.

<u>James Robertson</u> Name and title of cementer's representative	<u>Service Supervisor</u>	<u>TRICAN WELL SERVICE</u> Cementing Company	 Signature
<u>8200 EI-20</u> Address	<u>Odessa,</u> City,	<u>TX</u> State,	<u>79765</u> Zip Code
		<u>423.488.3800</u> Tel: Area Code	<u>8-10-2013</u> 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.

 Typed or printed name of operator's representative	<u>Co Rep</u> Title	 Signature
<u>123 Robert S Kerr Ave</u> Address	<u>OKC, OK</u> City, State,	<u>73102</u> Zip Code
	<u>405-429-10414</u> Tel.: Area Code	<u>10/4/13</u> 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 foot 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) <i>SandRidge Expl & Prod, LLC</i>	2. RRC Operator No. <i>748011</i>	3. RRC District No. <i>08</i>	4. County of Well Site <i>ANDREWS</i>
5. Field Name (Wildcat or exactly as shown on RRC records) <i>FURMAN - MASCHO</i>	6. API No. <i>42-00344871</i>		7. Drilling Permit No. <i>750132</i>
8. Lease Name <i>University 13-34</i>	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No. <i>A1</i>

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date							
13. *Drilled hole size							
*Est. % wash or hole enlargement							
14. Size of casing (In. O.D.)							
15. Top of liner (ft.)							
16. Setting depth (ft.)							
17. Number of centralizers used							
18. Hrs. waiting on cement before drill-out							
1st Slurry	19. API cement used: No. of sacks ▼						
	Class ▼						
	Additives ▼						
2nd Slurry	No. of sacks ▼						
	Class ▼						
	Additives ▼						
3rd Slurry	No. of sacks ▼						
	Class ▼						
	Additives ▼						
1st	20. Slurry pumped: Volume (cu. ft.) ▼						
	Height (ft.) ▼						
2nd	Volume (cu. ft.) ▼						
	Height (ft.) ▼						
3rd	Volume (cu. ft.) ▼						
	Height (ft.) ▼						
Total	Volume (cu. ft.) ▼						
	Height (ft.) ▼						
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?							
22. Remarks							

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	8/22/13							
24. Size of hole or pipe plugged (in.)	5.5"							
25. Depth to bottom of tubing or drill pipe (ft.)								
26. Sacks of cement used (each plug)	2							
27. Slurry volume pumped (cu. ft.)								
28. Calculated top of plug (ft.)	4980							
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lbs/gal)								
31. Type cement	C							

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.

LARRY WARREN Gray Wireline [Signature]
 Name and title of cementer's representative Cementing Company Signature
3406 N. Lovington HOBBS NM 88240 (575) 392 8300 8 22 2013
 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.

Chelsey Green Regulatory Tech. [Signature]
 Typed or printed name of operator's representative Title Signature
123 Robert S Kerr Ave OKC, OK 73102 405-429-6414 10/7/13
 Address City, State, Zip Code Tel: Area Code Number Date: mo. day yr.

Instructions to Form W-15, Cementing Report

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- 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
(1-1-71)
FOD1296

42.003.44871

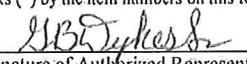
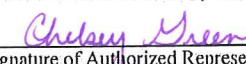
INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report)		6. RRC District 08
		7. RRC Lease Number. (Oil completions only)
1. FIELD NAME (as per RRC Records or Wildcat) FUHRMAN-MASCHO	2. LEASE NAME UNIVERSITY 13-34	8. Well Number 1
3. OPERATOR SANDRIDGE EXPL AND PROD., LLC		9. RRC Identification Number (Gas completions only)
4. ADDRESS 123 ROBERT S KERR OKLAHOMA CITY, OK 73102		
5. LOCATION (Section, Block, and Survey) SEC. 34, BLK. 13, UL		10. County ANDREWS

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)
233	2.33	0.60	1.05	2.44	2.44
742	5.09	0.60	1.05	5.33	7.77
1180	4.38	0.60	1.05	4.59	12.36
1723	5.43	0.90	1.57	8.53	20.89
2226	5.03	1.00	1.75	8.78	29.66
2730	5.04	1.00	1.75	8.80	38.46
3234	5.04	0.70	1.22	6.16	44.62
3738	5.04	1.30	2.27	11.43	56.05
4241	5.03	0.90	1.57	7.90	63.95
4744	5.03	1.10	1.92	9.66	73.61

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 4744 feet = 73.61 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..... 330.0 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.)

INCLINATION DATA CERTIFICATION 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.  Signature of Authorized Representative GREG DYKES SR. - VP SERVICES Name of Person and Title (type or print) LARIAT SERVICES INC Name of Company Telephone: <u>(405)429-5506</u> Area Code	OPERATOR CERTIFICATION 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.  Signature of Authorized Representative <u>Chelsey Green Reg. Tech.</u> Name of Person and Title (type or print) <u>SandRidge Expl & Prod, LLC</u> Operator Telephone: <u>405-429-6414</u> Area Code
---	---

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.: 87220

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: 09/12/2013
Field Name FUHRMAN-MASCHO	Drilling Permit No. 750132	
Lease Name UNIVERSITY 13-34	Lease/ID No.	Well No. 1
County ANDREWS	API No. 42- 003-44871	

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). _____

Chelsey Green

Signature

SANDRIDGE EXPL. AND PROD., LLC

Name (print)

Regulatory Technician

Title

(405) 429-6414

Phone

10/07/2013

Date

-FOR RAILROAD COMMISSION USE ONLY-



Weatherford[®]

COMPENSATED PHOTO DENSITY COMPENSATED NEUTRON SPECTRAL GAMMA RAY

COMPANY **SANDRIDGE ENERGY INC.**
WELL **UNIVERSITY 13-34 #1**
FIELD **FUHRMAN-MASCHO**
PROVINCE/COUNTY **ANDREWS**
COUNTRY/STATE **U.S.A / TEXAS**
LOCATION **330' FNL AND 330' FEL**
PERMIT NUMBER **750132 SEC-34, BLK-13, UL SURVEY**

SEC 34	TWP	RGE	Other Services	
Latitude			DUAL LATEROLOG	MICRO LATEROLOG
Longitude				
API Number 42-003-44871				
Permanent Datum GL, Elevation 3259 feet				Elevations: feet
Log Measured From KB				KB 3271.00
Drilling Measured From KB @ 12 FT				DF 3270.00
				GL 3259.00
Date	10-AUG-2013			
Run Number	ONE			
Service Order	3538169			
Depth Driller	5205.00	feet		
Depth Logger	5195.00	feet		
First Reading	5163.00	feet		
Last Reading	100.00	feet		
Casing Driller	1682.00	feet		
Casing Logger	1674.00	feet		
Bit Size	7.875	inches		
Hole Fluid Type	BRINE			
Density / Viscosity	10.20 lb/USg	30.00 sec/qt.		
PH / Fluid Loss	10.10			
Sample Source	FLOWLINE			
Rm @ Measured Temp	0.049 @ 75.0	ohm-m		
Rmf @ Measured Temp	0.036 @ 75.0	ohm-m		
Rmc @ Measured Temp	0.073 @ 75.0	ohm-m		
Source Rmf / Rmc	CALC	CALC		
Rm @ BHT	0.037 @ 102.0	ohm-m		
Time Since Circulation	6 HOURS			
Max Recorded Temp	102.00	deg F		
Equipment / Base	13270	4352		
Recorded By	T. BENICH			
Witnessed By	J. PARSLEY		T. KLEPFER	

1. Field name exactly as shown on proration schedule FUHRMAN-MASCHO						2. Lease name as shown on proration schedule UNIVERSITY 13-34							
3. Current operator name exactly as shown on P-5 Organization Report SANDRIDGE EXPL. AND PROD., LLC						4. Operator P-5 no. 748011		5. Oil Lse/Gas ID no.		6. County ANDREWS		7. RRC district 08	
8. Operator address including city, state, and zip code 123 ROBERT S KERR AVE OKLAHOMA CITY, OK 73102-6406						9. Well no(s) (<i>see instruction E</i>) 1							
						10. Classification <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Gas <input type="checkbox"/> Other (<i>see instruction A</i>)						11. Effective Date 09/12/2013	
12. Purpose of Filing. (Complete section a or b below.) (<i>See instructions B and G</i>)													
a. Change of: <input type="checkbox"/> operator <input type="checkbox"/> oil or condensate gatherer <input type="checkbox"/> gas gatherer <input type="checkbox"/> gas purchaser <input type="checkbox"/> gas purchaser system code													
<input type="checkbox"/> field name from _____													
<input type="checkbox"/> lease name from _____													
-- OR --													
b. New RRC Number for: <input checked="" type="checkbox"/> oil lease <input type="checkbox"/> gas well Due to: <input checked="" type="checkbox"/> new completion or recompletion <input type="checkbox"/> reclass oil to gas <input type="checkbox"/> reclass gas to oil													
<input type="checkbox"/> other well (specify) _____ <input type="checkbox"/> consolidation, unitization, or subdivision (oil lease only)													
13. Authorized GAS WELL GAS or CASINGHEAD GAS Gatherer(s) and/or Purchaser(s). (<i>See instruction G</i>).													
Gatherer	Purchaser	Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s) As Indicated in Columns to the Left (Attach an additional sheet in same format if more space is needed)								Purchaser's RRC Assigned System Code	Percent of Take	Full-well stream	
X	X	DCP MIDSTREAM, LP(195918)								0001	100.0		
14. Authorized OIL or CONDENSATE Gatherer(s). (<i>See instruction G</i>).													
Name of OIL or CONDENSATE Gatherer(s) - List Highest Volume Gatherer First (Attach an additional sheet in same format if more space is needed)												Percent of Take	
ENTERPRISE CRUDE OIL LLC(253117)												100.0	
RRC USE ONLY: Reviewer's initials: _____ Approval date: _____													
15. PREVIOUS OPERATOR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING. Being the PREVIOUS OPERATOR, I certify that operating responsibility for the well(s) designated in this filing, located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.													
_____ Name of Previous Operator						_____ Signature							
_____ Name (print)						<input type="checkbox"/> Authorized Employee of previous operator <input type="checkbox"/> Authorized agent of previous operator (<i>see instruction G</i>)							
_____ Title						_____ Date				_____ Phone with area code			
16. CURRENT OPERATOR CERTIFICATION. By signing this certificate as the Current Operator, I certify that all statements on this form are true and correct and I acknowledge responsibility for the regulatory compliance of the subject lease including plugging of well(s) pursuant to Rule 14. I further acknowledge that I assume responsibility for the physical operation, control, and proper plugging of each well designated in this filing. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.													
SANDRIDGE EXPL. AND PROD., LLC						Chelsey Green							
_____ Name (print) Regulatory Technician						_____ Signature							
_____ Title cgreen1@sandridgeenergy.com						<input checked="" type="checkbox"/> Authorized Employee of current operator <input type="checkbox"/> Authorized agent of current operator (<i>see instruction G</i>)							
_____ E-mail Address (optional)						_____ 10/08/2013 Date				_____ (405) 429-6414 Phone with area code			

Groundwater
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Date **October 19, 2012**

15460

***** **EXPEDITED APPLICATION** *****

API Number **00300000**

Attention: **DANA ALANIZ**

RRC Lease No. **000000**

SC_748011_00300000_000000_15460.pdf

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

--Measured--

330 ft FEL

330 ft FNL

MRI:SECTION

Digital Map Location:

X-coord/Long **660010**

Y-coord/Lat **6840335**

Datum **83**

NC

P-5# 748011

County **ANDREWS**

UNIVERSITY 13-34 #1&RAD

ND

Location **SUR-UL,BLK-13,SEC-34,--[TD=8000],[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 1200 feet to 1600 feet must be protected.

This recommendation is applicable to all wells within a radius of 200 feet of this location.

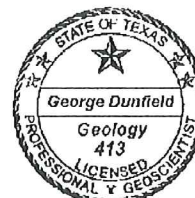
Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area wide use. This recommendation is intended for normal drilling, production, and plugging operations only. It does not apply to saltwater disposal operation into a nonproductive zone (RRC Form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

If you have any questions, please contact us at 512-463-2741, gau@rrc.state.tx.us, or by mail.

Sincerely,


Digitally signed by George Dunfield
DN: c=US, st=TEXAS, o=Railroad
Commission of Texas, cn=George Dunfield,
email=george.dunfield@rrc.state.tx.us
Date: 2012.10.19 16:00:46 -05'00'
George Dunfield, P.G.

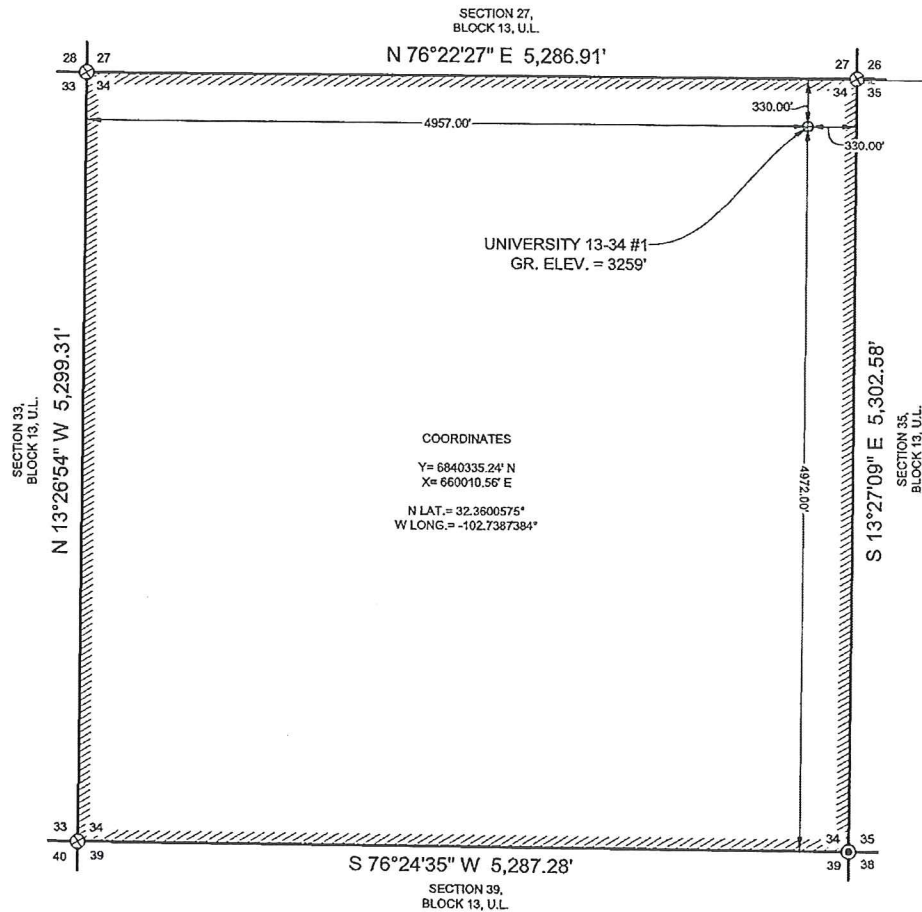
GEOLOGIST SEAL



Geologist, Groundwater Advisory Unit
Oil & Gas Division

The seal appearing on this document was authorized by George Dunfield on 10/19/2012
Note: Alteration of this electronic document will invalidate the digital signature.

SECTION 34, BLOCK 13, U.L.
ANDREWS COUNTY, TEXAS



ADJACENT WELLS/ FEATURES	
NAME:	DISTANCE:
NEAREST POWERLINE	320.00'

NOTES:

1. THIS LOCATION IS APPROXIMATELY 10.0 MILES WEST/SOUTHWEST OF ANDREWS, TEXAS.
2. SEE DOCUMENTS FILED FOR RECORD IN THIS OFFICE, WHICH DESCRIBE THE RECONSTRUCTION OF THIS SECTION.
3. BEARINGS, DISTANCES AND COORDINATES ARE RELATIVE TO THE LAMBERT CONICAL PROJECTION OF TEXAS STATE PLANE COORDINATE SYSTEM, NORTH CENTRAL ZONE, 1983 NORTH AMERICAN DATUM.
4. LEASE = SECTION 34, BLOCK 13, U.L.. TOTAL ACRES: 640.00 CALLED.
5. NAMES TAKEN FROM FIELD SIGNAGE.

I, the undersigned, do hereby certify that the survey information found on this permit plat was derived from field notes or electronic data of an actual on-the-ground survey made by me or under my supervision and is true and correct to the best of my knowledge and belief. No warranty is made or intended for the location of any or all easements that may exist within the bounds of this survey. The information presented hereon is for Texas Railroad Commission permitting only, and does not constitute or represent a complete boundary survey as defined by the T.B.P.L.S., "Professional Land Surveying Practices Act."



Gregory W. Shoults, RPLS, No. 5356

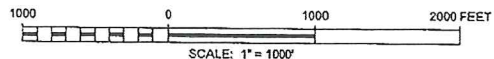
October 16, 2012



WEST TEXAS CONSULTANTS, INC.
ENGINEERS PLANNERS SURVEYORS
405 S.W. 1st STREET
ANDREWS, TEXAS 79714
(432) 523-2181
TEXAS REGISTERED ENGINEERING FIRM F-2746
TEXAS REGISTERED SURVEYOR FIRM #100792-00

LEGEND

- DENOTES PROPOSED/ PERMITTED WELL LOCATION
- DENOTES EXISTING WELL
- ⊙ DENOTES FOUND SECTION CORNER
- ⊗ DENOTES CALCULATED CORNER
- ▨ DENOTES LEASE AREA
- DENOTES 1/2 SECTION LINE



SandRidge

SandRidge Exploration And Production, LLC

UNIVERSITY 13-34 #1
LOCATED 330 FEET FROM THE NORTH LINE AND 330 FEET FROM
THE EAST LINE OF SECTION 34, BLOCK 13, U.L.,
ANDREWS COUNTY, TEXAS.

SURVEY DATE: 10/12/2012 JOB No.: WTC48748 DRAWN BY: K.H.P. SHEET 1 OF 3